

H-SERIES BELT DRIVE



COOK

H-SERIES BELT DRIVE

Hooded Axial Exhaust, Supply and Filtered Supply Roof Ventilators



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H Series

Loren Cook H Series Propeller Roof Ventilators are designed for industrial or commercial applications requiring a low profile roof top design. The H Series is available in exhaust, supply or filtered supply configurations and utilizes either the *X.STREAM* high efficiency fabricated steel propeller for low and medium pressure applications or an extruded aluminum airfoil propeller for higher pressure applications. The H Series consists of HXE - Hooded *X.STREAM* Exhaust; HXS - Hooded *X.STREAM* Supply; HXF - Hooded *X.STREAM* Filtered; HEE - Hooded Extruded Aluminum Airfoil Exhaust; HES - Hooded Extruded Aluminum Airfoil Supply; HEF - Hooded Extruded Aluminum Airfoil Filtered and HER - Hooded Extruded Aluminum Airfoil Reversible. Models HXE, HXS and HXF are available in sizes 20 inches through 60 inches, with both low and medium pressure props. Models HEE, HES, HEF and HER are available in sizes 24 inches through 60 inches.



H Series

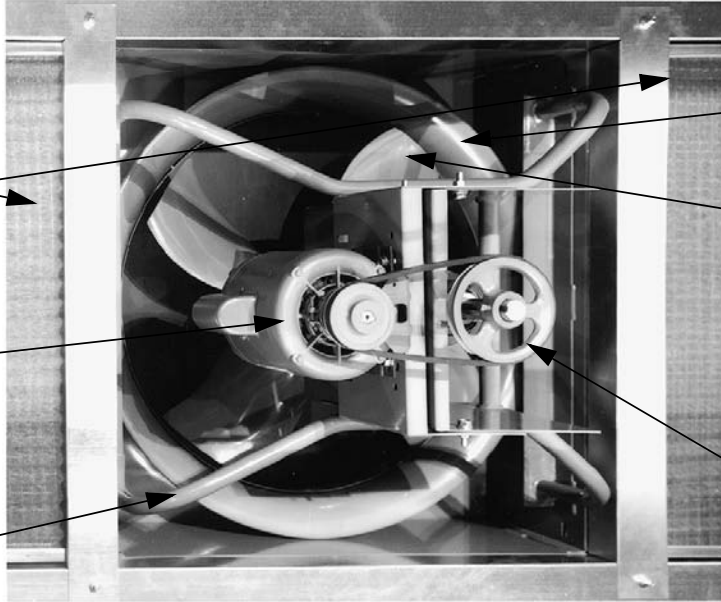
- Fan power assembly is of welded tubular steel construction with a Lorenized® powder coat finish. The minimum 14 gauge steel base features an integral spun venturi and continuously welded curb cap corners.
- Galvanized steel hood features a large removable top cap allowing unobstructed access to the motor, and power assembly without removing the entire hood.
- Exhaust and supply ventilators in sizes 20-48; reversible ventilators in sizes 24-48 and filtered supply ventilators in sizes 20-42 are shipped assembled. Exhaust, supply and reversible ventilators in sizes 54-60 and filtered supply ventilators in sizes 48-60 are shipped with the hood in two sections for easy field assembly.
- Filtered H Series ventilators have two inch washable aluminum filters standard. Fiberglass and Polyester replaceable media filters are available as an option. Aluminum filters meet AGA requirements and are of high efficiency per AF1 test procedures.
- Motors are heavy duty type with permanently lubricated bearings.
- Bearings are designed and tested specifically for use in air handling applications. Bearings are heavy duty regreasable ball type in a pillowblock cast iron housing selected for a minimum L-50 life in excess of 200,000 hours at maximum catalog speed.
- Drives utilize oil and heat resistant, non-static belts and precision machined cast iron sheaves which are keyed and securely attached to the wheel and motor shafts. Drives are sized for 150 percent of motor horsepower.
- The HES, HEE, HEF, HXSL, HXSM, HXFL, and HXFM models are licensed to bear the AMCA Seal for Air Performance. The HXEL and HXEM models are licensed to bear the AMCA Seal for Sound and Air Performance.
- Direct Drive units also available. See H Series Direct Drive Catalog.

Construction Features (HXF shown)

Two inch washable aluminum filters (standard). Fiberglass and polyester media filters are available.

Heavy duty motor with permanently lubricated bearings

Welded tubular steel construction with Lorenized® powder coat finish



Integral spun venturi

X.STREAM series propeller

Drives utilize oil and heat resistant, non-static belts and precision machined cast iron sheaves keyed and securely attached to the wheel and shaft

X.STREAM Series Propeller



Cook X.STREAM series high efficiency propeller, designed using the latest in computer technology, provides an optimum design for air flow, efficiency, quality and durability in a wide range of performance levels. High pressure capabilities and low noise levels are characteristic of the X.STREAM propeller. It is available in both low pressure and medium pressure models for either exhaust or supply in sizes 20 inches through 60 inches.

E Series Extruded Aluminum Airfoil Propeller



Cook E Series extruded aluminum airfoil propeller is designed for use where higher static pressures are required. It is constructed with six aluminum blades mounted in a cast aluminum hub. Pitch settings of the blades are set at the factory and are locked into place by means of a taper lock pin. It is available in diameter sizes from 24 inches to 60 inches with static pressures from 0 inches to 1 inch.

H Series Filter Media Data

Aluminum Media (Standard) - Expanded aluminum, washable filter media installed in a two inch frame

Initial Atmospheric Dust Spot Efficiency - < 20 percent Average Atmospheric Dust Spot Efficiency - < 20 percent

Average Synthetic Dust Weight Arrestance - 54 percent

Fiberglass Media (Optional) - Laminated fiberglass replaceable media installed in a two inch frame

Initial Atmospheric Dust Spot Efficiency - < 20 percent Average Atmospheric Dust Spot Efficiency - < 20 percent

Average Synthetic Dust Weight Arrestance - 84 percent

Polyester Media (Optional) - Non-woven polyester replaceable media installed in a 2 inch frame

Initial Atmospheric Dust Spot Efficiency - < 20 percent Average Atmospheric Dust Spot Efficiency - < 20 percent

Average Synthetic Dust Weight Arrestance - 93 percent

Fan Intake Area

Fan Model (HEF/HXF)	Intake Area (SF)
20	16.3
24	23.5
30	31.6
36	39.6
42	47.8
48	59.3
54	70.3
60	81.0

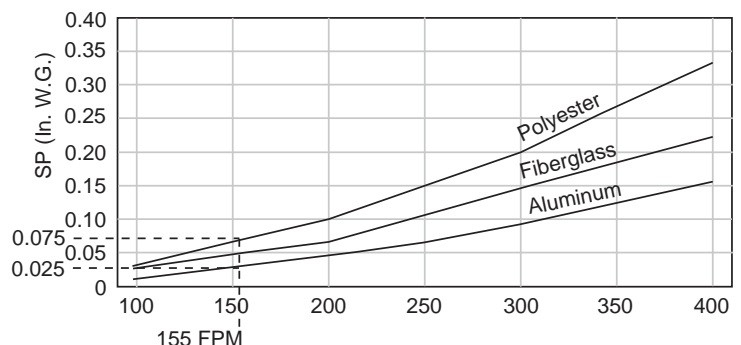
Filter Media Pressure Drop

The following information will be helpful in calculating any additional static pressure to add for optional filter media.

Example:

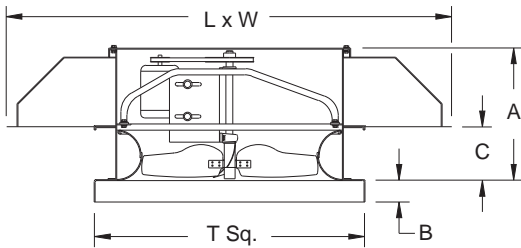
A size 24 HXF selected for 3640 CFM at 0.125 inch system static pressure utilizing polyester media for superior dust arrestance.

1. CFM/Intake area (SF) = Intake velocity (FPM) 3640 CFM/23.5 SF = 155 FPM.
2. Go into the pressure drop graph and determine the standard static pressure drop with aluminum media as well as the pressure drop for the optional media at intake velocity.
3. Subtract one from the other and add that number to the system static pressure. (In this case, 0.075" - 0.025" = 0.05" SP).
4. Make the selection at the new static pressure point. (In this case, 0.125" + 0.05" = 0.13").



HXEL, HXEM Specifications and Dimension Data

Low and Medium Pressure Hooded Exhaust Ventilator Steel Propeller Roof Mounted, Belt Drive



Loren Cook Company certifies that the HXEL and HXEM shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



Type HXEL and type HXEM are furnished standard with UL 705 listing (Power Ventilator/ZACT) when furnished with factory supplied motor.



Type HXEL and type HXEM are furnished standard with ^cUL 705 listing (Power Ventilator) when furnished with factory supplied motor.

Description - Fan shall be a low profile, hooded, roof mounted, belt driven, propeller exhaust ventilator.

Certifications - Fan shall be manufactured at an ISO 9001 certified facility. Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705). Fan shall bear the AMCA Certified Ratings Seal for Sound and air performance..

Construction - Fan shall be of bolted and welded construction utilizing corrosion resistant fasteners. The motor, bearings and drives shall be mounted on a tubular steel power assembly. The power assembly shall be rigidly secured to the fan housing. The welded steel fan housing shall include a minimum 14 gauge base with integral spun venturi and continuously welded curb cap corners. Fan shall be enclosed with a minimum 18 gauge galvanized steel hood bolted to the fan housing. The hood shall have a removable top cap to allow unobstructed access to the motor and power assembly. Fan outlet shall be protected from entry of foreign material by a 1/2 inch x 1/2 inch galvanized steel screen. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.

Coating - All non-galvanized steel fan components shall be Lorenized® with an electrostatically applied, baked polyester powder coating. Each component shall be subject to a five stage environmentally friendly wash system, followed by a minimum 2 mil thick baked powder finish. Paint must exceed 1,000 hour salt spray under ASTM B117 test method.

Propeller - Propeller shall be a high-efficiency fabricated steel design with blades securely fastened to a minimum 7 gauge steel hub. The hub shall be keyed and locked to the fan shaft with two set screws. Propeller shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.

Motor - Motor shall be Nema design B with class B insulation rated for continuous duty and furnished at the specified voltage, phase and enclosure.

Bearings - Bearings shall be designed and individually tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed.

Belts and Drives - Belts shall be oil and heat resistant, non-static type. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150 percent of the installed motor horsepower. The variable pitch motor drive must be factory set to the specified fan RPM.

Product - Fan shall be model HXEL or HXEM as manufactured by Loren Cook Company of Springfield, Missouri.

HXEL, HXEM Dimension Data

Size	A	B	C	L x W	T Sq.	Material Gauge		Max. Motor Frame	Roof Opening Square*	Approx. Ship Wt.-Lbs. less mtr.
						Base	Hood			
20	27-1/4	2	10	52 x 52	32	14	18	145T	27-1/2	400
24	28-3/4	3	10	59 X 59	36	14	18	182T	31-1/2	480
30	30-1/2	3	10	69 X 69	42	14	18	184T	37-1/2	560
36	33	3	10	80 X 80	48	14	18	215T	43-1/2	780
42	38	3	10	90 X 90	54	14	18	215T	49-1/2	1020
48	41-1/2	3	13-1/2	110 X 90	60	14	18	254T	55-1/2	1110
54	44-1/2	3	14-3/4	111 X 109	66	14	18	256T	61-1/2	1235
60	44-1/2	3	14-3/4	121 X 119	72	14	18	256T	67-1/2	1550

All dimensions in inches. *Roof opening size for curbs supplied by Loren Cook Company only.

Specification and Dimension Data **HXSL, HXSM**

Description - Fan shall be a low profile, hooded, roof mounted, belt driven, propeller supply ventilator.

Certifications - Fan shall be manufactured at an ISO 9001 certified facility. Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705). Fan shall bear the AMCA Certified Ratings Seal for air performance..

Construction - Fan shall be of bolted and welded construction utilizing corrosion resistant fasteners. The motor, bearings and drives shall be mounted on a tubular steel power assembly. The power assembly shall be rigidly secured to the fan housing. The welded steel fan housing shall include a minimum 14 gauge base with integral spun venturi and continuously welded curb cap corners. Fan shall be enclosed with a minimum 18 gauge galvanized steel hood bolted to the fan housing. The hood shall have a removable top cap to allow unobstructed access to the motor and power assembly. Fan inlet shall be protected from entry of foreign material by a 1/2 inch x 1/2 inch galvanized steel screen. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.

Coating - All non-galvanized steel fan components shall be Lorenized® with an electrostatically applied, baked polyester powder coating. Each component shall be subject to a five stage environmentally friendly wash system, followed by a minimum 2 mil thick baked powder finish. Paint must exceed 1,000 hour salt spray under ASTM B117 test method.

Propeller - Propeller shall be a high-efficiency fabricated steel design with blades securely fastened to a minimum 7 gauge steel hub. The hub shall be keyed and locked to the fan shaft with two set screws. Propeller shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.

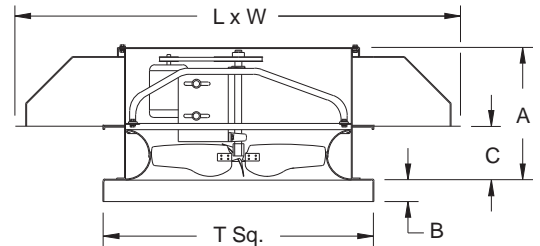
Motor - Motor shall be Nema design B with class B insulation rated for continuous duty and furnished at the specified voltage, phase and enclosure.

Bearings - Bearings shall be designed and individually tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed.

Belts and Drives - Belts shall be oil and heat resistant, non-static type. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150 percent of the installed motor horsepower. The variable pitch motor drive must be factory set to the specified fan RPM.

Product - Fan shall be model HXSL or HXSM as manufactured by Loren Cook Company of Springfield, Missouri.

Low and Medium Pressure Hooded Supply Ventilator Steel Propeller Roof Mounted, Belt Drive



Loren Cook Company certifies that the HXSL and HXSM shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



Type HXSL and type HXSM are furnished standard with UL 705 listing (Power Ventilator/ZACT) when furnished with factory supplied motor.



Type HXSL and type HXSM are furnished standard with cUL 705 listing (Power Ventilator) when furnished with factory supplied motor.

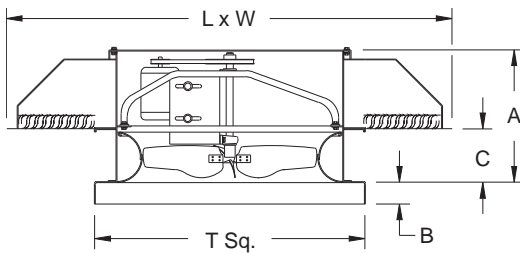
HXSL, HXSM Dimension Data

Size	A	B	C	L x W	T Sq.	Material Gauge		Max. Motor Frame	Roof Opening Square*	Approx. Ship Wt.-Lbs. less mtr.
						Base	Hood			
20	27-1/4	2	10	52 X 52	32	14	18	145T	27-1/2	400
24	28-3/4	3	10	59 X 59	36	14	18	182T	31-1/2	480
30	30-1/2	3	10	69 X 69	42	14	18	184T	37-1/2	560
36	33	3	10	80 X 80	48	14	18	215T	43-1/2	780
42	38	3	10	90 X 90	54	14	18	215T	49-1/2	1020
48	41-1/2	3	13-1/2	110 X 90	60	14	18	254T	55-1/2	1110
54	44-1/2	3	14-3/4	111 X 109	66	14	18	256T	61-1/2	1235
60	44-1/2	3	14-3/4	121 X 119	72	14	18	256T	67-1/2	1550

All dimensions in inches. *Roof opening size for curbs supplied by Loren Cook Company only.

HXFL, HXFM Specifications and Dimension Data

Low and Medium Pressure Hooded Filtered Supply Ventilator Steel Propeller Roof Mounted, Belt Drive



Loren Cook Company certifies that the HXFL and HXFM shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



Type HXFL and type HXFM are furnished standard with UL 705 listing (Power Ventilator/ZACT) when furnished with factory supplied motor.



Type HXFL and HXFM are furnished standard with cUL 705 listing (Power Ventilator) when furnished with factory supplied motor.

Description - Fan shall be a low profile, hooded, roof mounted, belt driven, filtered propeller supply ventilator.

Certifications - Fan shall be manufactured at an ISO 9001 certified facility. Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705). Fan shall bear the AMCA Certified Ratings Seal for air performance.

Construction - Fan shall be of bolted and welded construction utilizing corrosion resistant fasteners. The motor, bearings and drives shall be mounted on a tubular steel power assembly. The power assembly shall be rigidly secured to the fan housing. The welded steel fan housing shall include a minimum 14 gauge base with integral spun venturi and continuously welded curb cap corners. Fan shall be enclosed with a minimum 18 gauge galvanized steel hood bolted to the fan housing. The hood shall have a removable top cap to allow unobstructed access to the motor and power assembly. Filters shall be washable expanded aluminum media with two inch formed aluminum frame. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.

Coating - All non-galvanized steel fan components shall be Lorenized® with an electrostatically applied, baked polyester powder coating. Each component shall be subject to a five stage environmentally friendly wash system, followed by a minimum 2 mil thick baked powder finish. Paint must exceed 1,000 hour salt spray under ASTM B117 test method.

Propeller - Propeller shall be a high-efficiency fabricated steel design with blades securely fastened to a minimum 7 gauge steel hub. The hub shall be keyed and locked to the fan shaft with two set screws. Propeller shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.

Motor - Motor shall be Nema design B with class B insulation rated for continuous duty and furnished at the specified voltage, phase and enclosure.

Bearings - Bearings shall be designed and individually tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed.

Belts and Drives - Belts shall be oil and heat resistant, non-static type. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150 percent of the installed motor horsepower. The variable pitch motor drive must be factory set to the specified fan RPM.

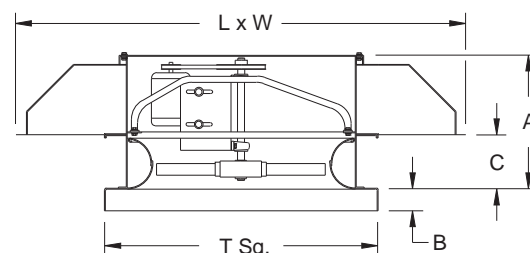
Product - Fan shall be model HXFL or HXFM as manufactured by Loren Cook Company of Springfield, Missouri.

HXFL, HXFM Dimension Data

Size	A	B	C	L x W	T Sq.	Material Gauge		Max. Motor Frame	Roof Opening Square*	Approx. Ship Wt.-Lbs. less mtr.
						Base	Hood			
20	28-3/4	2	10	59 X 59	32	14	18	145T	27-1/2	450
24	30-1/2	3	10	69 X 69	36	14	18	182T	31-1/2	525
30	33	3	10	80 X 80	42	14	18	184T	37-1/2	610
36	38	3	10	90 X 90	48	14	18	215T	43-1/2	840
42	41-1/2	3	13-1/2	110 X 90	54	14	18	215T	49-1/2	1100
48	44-1/2	3	14-3/4	111 X 109	60	14	18	254T	55-1/2	1200
54	44-1/2	3	14-3/4	121 X 119	66	14	18	256T	61-1/2	1345
60	44-1/2	3	14-3/4	146 x 119	72	14	18	256T	67-1/2	1700

All dimensions in inches. *Roof opening size for curbs supplied by Loren Cook Company only.

Hooded Exhaust Ventilator Extruded Aluminum Airfoil Propeller Roof Mounted, Belt Drive



Loren Cook Company certifies that the HEE shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



Type HEE are furnished standard with UL 705 listing (Power Ventilator/ZACT) when furnished with factory supplied motor.



Type HEE are furnished standard with cUL 705 listing (Power Ventilator) when furnished with factory supplied motor.

Description - Fan shall be a hooded, low profile, roof mounted, belt driven, propeller exhaust ventilator.

Certifications - Fan shall be manufactured at an ISO 9001 certified facility. Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705). Fan shall bear the AMCA Certified Ratings Seal for air performance.

Construction - Fan shall be of bolted and welded construction utilizing corrosion resistant fasteners. The motor, bearings and drives shall be mounted on a tubular steel power assembly. The power assembly shall be rigidly secured to the fan housing. The welded steel fan housing shall include a minimum 14 gauge base with integral spun venturi and continuously welded curb cap corners. Fan shall be enclosed with a minimum 18 gauge galvanized steel hood bolted to the fan housing. The hood shall have a removable top cap to allow unobstructed access to the motor and power assembly. Fan outlet shall be protected from entry of foreign material by a 1/2 inch x 1/2 inch galvanized steel screen. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.

Coating - All non-galvanized steel fan components shall be Lorenized® with an electrostatically applied, baked polyester powder coating. Each component shall be subject to a five stage environmentally friendly wash system, followed by a minimum 2 mil thick baked powder finish. Paint must exceed 1,000 hour salt spray under ASTM B117 test method.

Propeller - Propeller shall be extruded aluminum airfoil design with cast aluminum hub. The blade pitch shall be factory set and locked using set screws and roll pin. The hub shall be keyed and locked to the shaft utilizing two set screws or a taper lock bushing. Propeller shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.

Motor - Motor shall be Nema design B with class B insulation rated for continuous duty and furnished at the specified voltage, phase and enclosure.

Bearings - Bearings shall be designed and individually tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed.

Belts and Drives - Belts shall be oil and heat resistant, non-static type. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150 percent of the installed motor horsepower. The variable pitch motor drive must be factory set to the specified fan RPM.

Product - Fan shall be model HEE as manufactured by Loren Cook Company of Springfield, Missouri.

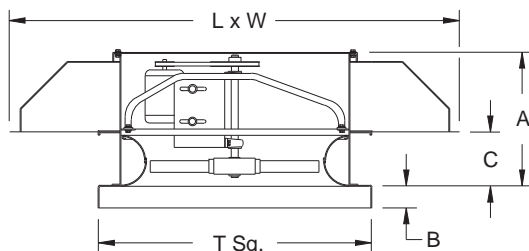
HEE Dimension Data

Size	A	B	C	L x W	T Sq.	Material Gauge		Max. Motor Frame	Roof Opening Square*	Approx. Ship Wt.-Lbs. less mtr.
						Base	Hood			
24	28-3/4	3	10	59	36	14	18	182T	31-1/2	480
30	30-1/2	3	10	69	42	14	18	184T	37-1/2	560
36	33	3	10	80	48	14	18	215T	43-1/2	780
42	38	3	10	90	54	14	18	215T	48-1/2	1020
48	41-1/2	3	13-1/2	90 x 110	60	14	18	254T	55-1/2	1110
54	44-1/2	3	14-3/4	111 x 109	66	14	18	256T	61-1/2	1235
60	44-1/2	3	14-3/4	121 x 119	72	14	18	256T	67-1/2	1550

All dimensions in inches. *Roof opening size for curbs supplied by Loren Cook Company only.

HES Specifications and Dimension Data

Hooded Supply Ventilator Extruded Aluminum Airfoil Propeller Roof Mounted, Belt Drive



Loren Cook Company certifies that the HES shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



Type HES are furnished standard with UL 705 listing (Power Ventilator/ZACT) when furnished with factory supplied motor.



Type HES are furnished standard with cUL 705 listing (Power Ventilator) when furnished with factory supplied motor.

Description - Fan shall be a hooded, low profile, roof mounted, belt driven, propeller supply fan.

Certifications - Fan shall be manufactured at an ISO 9001 certified facility. Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705). Fan shall bear the AMCA Certified Ratings Seal for air performance.

Construction - Fan shall be of bolted and welded construction utilizing corrosion resistant fasteners. The motor, bearings and drives shall be mounted on a tubular steel power assembly. The power assembly shall be rigidly secured to the fan housing. The welded steel fan housing shall include a minimum 14 gauge base with integral spun venturi and continuously welded curb cap corners. Fan shall be enclosed with a minimum 18 gauge galvanized steel hood bolted to the fan housing. The hood shall have a removable top cap to allow unobstructed access to the motor and power assembly. Fan inlet shall be protected from entry of foreign material by a 1/2 inch x 1/2 inch galvanized steel screen. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.

Coating - All non-galvanized steel fan components shall be Lorenized® with an electrostatically applied, baked polyester powder coating. Each component shall be subject to a five stage environmentally friendly wash system, followed by a minimum 2 mil thick baked powder finish. Paint must exceed 1,000 hour salt spray under ASTM B117 test method.

Propeller - Propeller shall be extruded aluminum airfoil design with cast aluminum hub. The blade pitch shall be factory set and locked using set screws and roll pin. The hub shall be keyed and locked to the shaft utilizing two set screws or a taper lock bushing. Propeller shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.

Motor - Motor shall be Nema design B with class B insulation rated for continuous duty and furnished at the specified voltage, phase and enclosure.

Bearings - Bearings shall be designed and individually tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed.

Belts and Drives - Belts shall be oil and heat resistant, non-static type. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150 percent of the installed motor horsepower. The variable pitch motor drive must be factory set to the specified fan RPM.

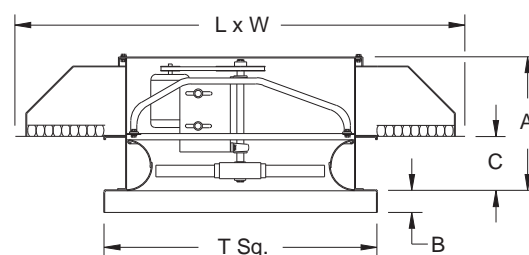
Product - Fan shall be model HES as manufactured by Loren Cook Company of Springfield, Missouri.

HES Dimension Data

Size	A	B	C	L x W	T Sq.	Material Gauge		Max. Motor Frame	Roof Opening Square*	Approx. Ship Wt.-Lbs. less mtr.
						Base	Hood			
24	28-3/4	3	10	59	36	14	18	182T	31-1/2	480
30	30-1/2	3	10	69	42	14	18	184T	37-1/2	560
36	33	3	10	80	48	14	18	215T	43-1/2	780
42	38	3	10	90	54	14	18	215T	49-1/2	1020
48	41-1/2	3	13-1/2	90 x 110	60	14	18	254T	55-1/2	1110
54	44-1/2	3	14-3/4	111 x 109	66	14	18	256T	61-1/2	1235
60	44-1/2	3	14-3/4	121 x 119	72	14	18	256T	67-1/2	1550

All dimensions in inches. *Roof opening size for curbs supplied by Loren Cook Company only.

Hooded Filtered Supply Ventilator Extruded Aluminum Airfoil Propeller Roof Mounted, Belt Drive



Loren Cook Company certifies that the HEF shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



Type HEF are furnished standard with UL 705 listing (Power Ventilator/ZACT) when furnished with factory supplied motor.



Type HEF are furnished standard with cUL 705 listing (Power Ventilator) when furnished with factory supplied motor.

Description - Fan shall be a hooded, low profile, filtered, roof mounted, belt driven, filtered, propeller supply fan.

Certifications - Fan shall be manufactured at an ISO 9001 certified facility. Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705). Fan shall bear the AMCA Certified Ratings Seal for air performance.

Construction - Fan shall be of bolted and welded construction utilizing corrosion resistant fasteners. The motor, bearings and drives shall be mounted on a tubular steel power assembly. The power assembly shall be rigidly secured to the fan housing. The welded steel fan housing shall include a minimum 14 gauge base with integral spun venturi and continuously welded curb cap corners. Fan shall be enclosed with a minimum 18 gauge galvanized steel hood bolted to the fan housing. The hood shall have a removable top cap to allow unobstructed access to the motor and power assembly. Filters shall be washable expanded aluminum media with two inch formed aluminum frame. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.

Coating - All non-galvanized steel fan components shall be Lorenized® with an electrostatically applied, baked polyester powder coating. Each component shall be subject to a five stage environmentally friendly wash system, followed by a minimum 2 mil thick baked powder finish. Paint must exceed 1,000 hour salt spray under ASTM B117 test method.

Propeller - Propeller shall be extruded aluminum airfoil design with cast aluminum hub. The blade pitch shall be factory set and locked using set screws and roll pin. The hub shall be keyed and locked to the shaft utilizing two set screws or a taper lock bushing. Propeller shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.

Motor - Motor shall be Nema design B with class B insulation rated for continuous duty and furnished at the specified voltage, phase and enclosure.

Bearings - Bearings shall be designed and individually tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed.

Belts and Drives - Belts shall be oil and heat resistant, non-static type. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150 percent of the installed motor horsepower. The variable pitch motor drive must be factory set to the specified fan RPM.

Product - Fan shall be model HEF as manufactured by Loren Cook Company of Springfield, Missouri.

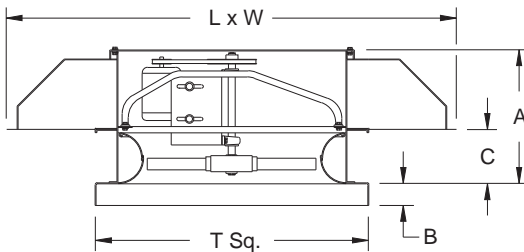
HEF Dimension Data

Size	A	B	C	L x W	T Sq.	Material Gauge		Max. Motor Frame	Roof Opening Square*	Approx. Ship Wt.-Lbs. less mtr.
						Base	Hood			
24	30-1/2	3	10	69	36	14	18	182T	31-1/2	525
30	33	3	10	80	42	14	18	184T	37-1/2	610
36	38	3	10	90	48	14	18	215T	43-1/2	840
42	41-1/2	3	13-1/2	90 x 110	54	14	18	215T	49-1/2	1100
48	44-1/2	3	14-3/4	111 x 109	60	14	18	254T	55-1/2	1200
54	44-1/2	3	14-3/4	121 x 119	66	14	18	256T	61-1/2	1345
60	44-1/2	3	14-3/4	119 x 146	72	14	18	256T	67-1/2	1700

All dimensions in inches. *Roof opening size for curbs supplied by Loren Cook Company only.

HER Specifications and Dimension Data

Hooded Supply/ Exhaust Ventilator Reversible Extruded Aluminum Airfoil Propeller Roof Mounted, Belt Drive



Type HER are furnished standard with UL 705 listing (Power Ventilator/ZACT) when furnished with factory supplied motor.



Type HER are furnished standard with cUL 705 listing (Power Ventilator) when furnished with factory supplied motor.

Description - Fan shall be a hooded, low profile, roof mounted, belt driven, propeller supply/exhaust fan.

Certifications - Fan shall be manufactured at an ISO 9001 certified facility. Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705).

Construction - Fan shall be of bolted and welded construction utilizing corrosion resistant fasteners. The motor, bearings and drives shall be mounted on a tubular steel power assembly. The power assembly shall be rigidly secured to the fan housing. The welded steel fan housing shall include a minimum 14 gauge base with integral spun venturi and continuously welded curb cap corners. Fan shall be enclosed with a minimum 18 gauge galvanized steel hood bolted to the fan housing. The hood shall have a removable top cap to allow unobstructed access to the motor and power assembly. The hood shall be protected from entry of foreign material by a 1/2 inch x 1/2 inch galvanized steel screen. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.

Coating - All non-galvanized steel fan components shall be Lorenized® with an electrostatically applied, baked polyester powder coating. Each component shall be subject to a five stage environmentally friendly wash system, followed by a minimum 2 mil thick baked powder finish. Paint must exceed 1,000 hour salt spray under ASTM B117 test method.

Propeller - Propeller shall be reversible extruded aluminum airfoil design with cast aluminum hub. The blade pitch shall be factory set and locked using set screws and roll pin. The hub shall be keyed and locked to the shaft utilizing two set screws or a taper lock bushing. Propeller shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.

Motor - Motor shall be Nema design B with class B insulation rated for continuous duty and furnished at the specified voltage, phase and enclosure.

Bearings - Bearings shall be designed and individually tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed.

Belts and Drives - Belts shall be oil and heat resistant, non-static type. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150 percent of the installed motor horsepower. The variable pitch motor drive must be factory set to the specified fan RPM.

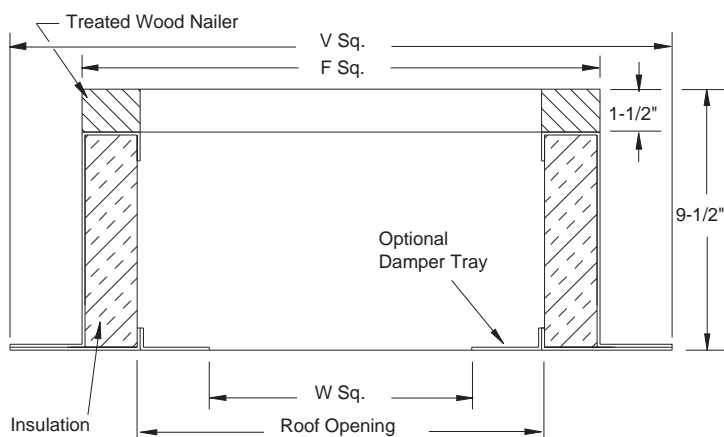
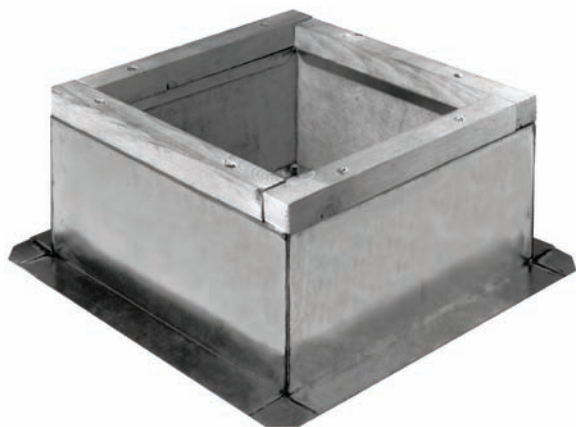
Product - Fan shall be model HER as manufactured by Loren Cook Company of Springfield, Missouri.

HER Dimension Data

Size	A	B	C	L x W	T Sq.	Material Gauge		Max. Motor Frame	Roof Opening Square*	Approx. Ship Wt.-Lbs. less mtr.
						Base	Hood			
24	28-3/4	3	10	59	36	14	18	182T	31-1/2	480
30	30-1/2	3	10	69	42	14	18	184T	37-1/2	560
36	33	3	10	80	48	14	18	215T	43-1/2	780
42	38	3	10	90	54	14	18	215T	49-1/2	1020
48	41-1/2	3	13-1/2	90 x 110	60	14	18	254T	55-1/2	1110
54	44-1/2	3	14-3/4	111 x 109	66	14	18	256T	61-1/2	1235
60	44-1/2	3	14-3/4	121 x 119	72	14	18	256T	67-1/2	1550

All dimensions in inches. *Roof opening size for curbs supplied by Loren Cook Company only.

Roof Curb



Standard Construction Features

- 18 gauge galvanized steel (RCG) or .080 aluminum (RCA).
- 1-1/2", 3 lbs. density thermal and acoustical insulation.
- Continuously welded corners.
- Wood nailer.

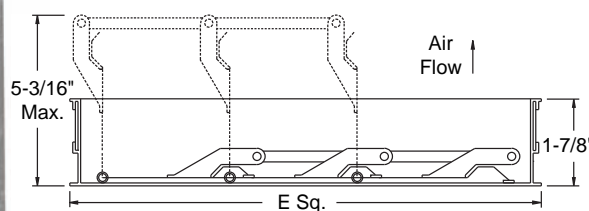
Options

- Damper tray.
- No wood nailer (deduct 1-1/2" for actual height).
- 13-1/2" tall construction.

H Series Size	Curb Catalog Number		F Sq.	V Sq.	W Sq.	Roof Opening	Approx. Ship Wt. Lbs.	
	Galvanized	Aluminum					RCG	RCA
20	RCG-30	RCA-30	30-1/2	34-1/2	23-3/4	27-1/2	37	24
24	RCG-34	RCA-34	34-1/2	38-1/2	27-3/4	31-1/2	41	27
30	RCG-40	RCA-40	40-1/2	44-1/2	33-3/4	37-1/2	49	31
36	RCG-46	RCA-46	46-1/2	50-1/2	39-3/4	43-1/2	84	63
42	RCG-52	RCA-52	52-1/2	56-1/2	45-3/4	49-1/2	94	71
48	RCG-58	RCA-58	58-1/2	62-1/2	51-3/4	55-1/2	104	79
54	RCG-64	RCA-64	64-1/2	68-1/2	57-3/4	61-1/2	115	86
60	RCG-70	RCA-70	70-1/2	74-1/2	63-3/4	67-1/2	125	94

All dimensions in inches. When motor operated damper is used, a wood nailer is required. Sound curbs available. Contact factory for dimensions.

Gravity Backdraft Damper (Exhaust Models)

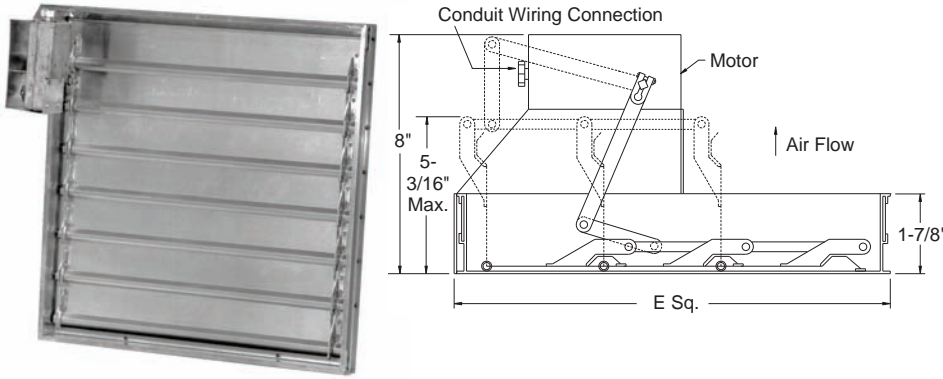


H Series Size	Catalog Number	E Sq.	Approx. Ship Wt. Lbs.
20	BD-26	25-3/4	5
24	BD-30	29-3/4	6
30	BD-36	35-3/4	9
36	BD-42	41-3/4	12
42	BD-48	47-3/4	15
48	BD-54	53-3/4	19
54	BD-60	59-3/4	23
60	BD-66	65-3/4	32

All dimensions in inches. Maximum operating temperature is 200° F (95° C). BD-36 to BD-60 are shipped as two panels. BD-66 is shipped as three panels.

Accessories

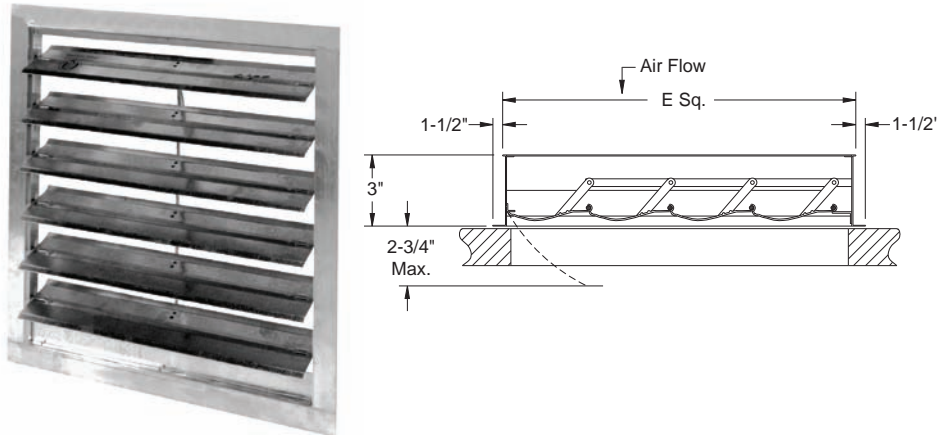
Motorized Backdraft Damper (Exhaust Models)



H Series Size	Catalog Number	E Sq.	Approx. Ship Wt. Lbs.
20	BDM-26	25-3/4	7
24	BDM-30	29-3/4	8
30	BDM-36	35-3/4	13
36	BDM-42	41-3/4	16
42	BDM-48	47-3/4	19
48	BDM-54	53-3/4	23
54	BDM-60	59-3/4	27
60	BDM-66	65-3/4	38

All dimensions in inches. Maximum operating temperature is 130°F (50°C). BDM-36 to BDM-60 are shipped as two panels and use two motors. BDM-66 is shipped as three panels and uses three motors.

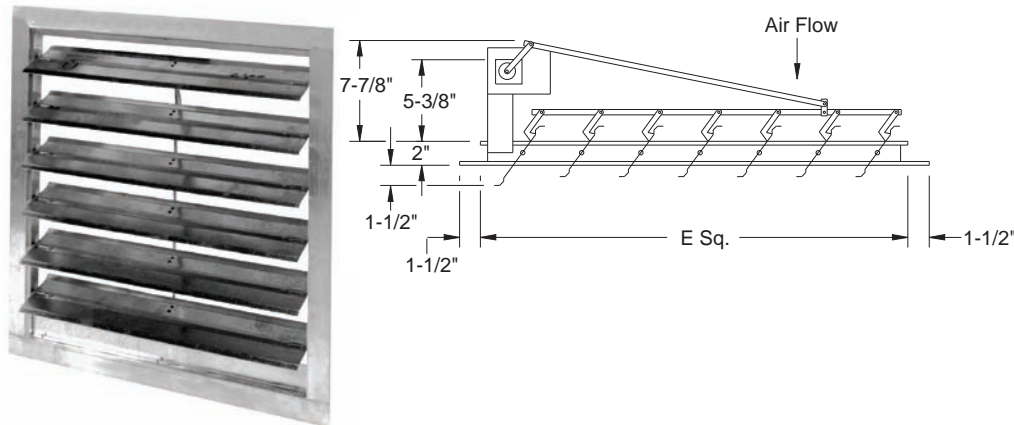
Intake Center Pivot Backdraft Damper (Supply Models)



H Series Size	Catalog Number	E Sq.	Approx. Ship Wt. Lbs.
20	BDIC-26	22-3/4	22
24	BDIC-30	26-3/4	24
30	BDIC-36	32-3/4	32
36	BDIC-42	38-3/4	49
42	BDIC-48	44-3/4	58
48	BDIC-54	50-3/4	70
54	BDIC-60	56-3/4	79
60	BDIC-66	62-3/4	88

All dimensions in inches. Maximum operating temperature is 200°F (95°C).

Motorized Intake Center Pivot Backdraft Damper (Supply and Reversible Models)



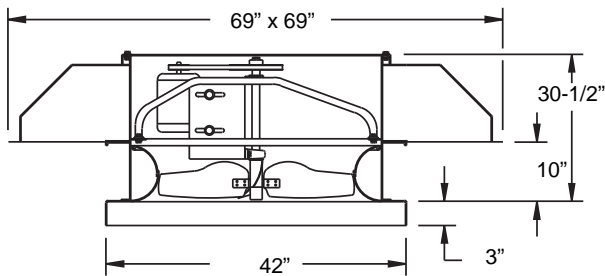
H Series Size	Catalog Number	E Sq.	Approx. Ship Wt. Lbs.
20	BDMIC-26	22-3/4	25
24	BDMIC-30	26-3/4	27
30	BDMIC-36	32-3/4	37
36	BDMIC-42	38-3/4	56
42	BDMIC-48	44-3/4	64
48	BDMIC-54	50-3/4	72
54	BDMIC-60	56-3/4	104
60	BDMIC-66	62-3/4	112

All dimensions in inches. Maximum operating temperature is 130°F (50°C). BDMIC-42 to BDMIC-60 use two motors. BDMIC-66 uses three motors.

Additional Accessories

- Aluminum hood
- Outboard lifting lugs

Data 30 HXEL, HXEM



Prop Diameter - 30 inches
Prop Type - X.STREAM
Maximum MHP = 3
Maximum Frame = 184T
Maximum RPM - 932 HXEL
 1184 HXEM
Tip Speed (FPM) = 7.85 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Outlet Area - 20.5 sq. ft.
Outlet Velocity (FPM) - (CFM/20.5)
Roof Opening Square - 37-1/2 inches
Matching Curb - RCG, RCA-40
Approx. Shipping Weight - 560 lbs.

30 HXEL

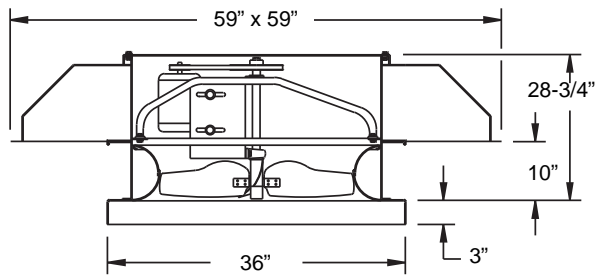
Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
30HXEL3B	1/4	395	3102	0.19	5.5	6057	5145	3725	2601	1977				
		404	3173	0.21	5.7	6195	5352	3933	3056	2150				
		413	3243	0.23	6	6333	5547	4133	3400	2330	1349			
		422	3314	0.24	6.2	6471	5731	4327	3667	2530	1565			
30HXEL4B	1/3	437	3432	0.26	6.6	6701	6018	4641	4054	3050	1901			
		452	3550	0.29	7	6931	6291	4947	4404	3711	2203			
		466	3659	0.33	7.4	7146	6540	5229	4713	4119	2473	1612		
30HXEL5B	1/2	483	3793	0.36	7.8	7406	6832	5572	5073	4544	2822	2005		
		500	3926	0.41	8.3	7667	7121	5921	5423	4934	3306	2358	1509	
		517	4060	0.44	8.9	7928	7405	6285	5766	5303	4114	2687	1921	
		535	4201	0.48	9.4	8204	7704	6698	6128	5680	4673	3045	2324	
30HXEL6B	3/4	555	4358	0.54	10	8511	8034	7190	6537	6087	5182	3548	2726	
		575	4516	0.61	10.6	8817	8359	7650	6959	6490	5644	4483	3113	2076
		595	4673	0.67	11.2	9124	8684	8068	7415	6894	6081	5136	3533	2531
		616	4838	0.74	11.8	9446	9023	8472	7928	7328	6522	5685	4211	2960
30HXEL7B	1	637	5002	0.82	12.5	9768	9361	8857	8423	7782	6951	6178	5175	3365
		658	5167	0.9	13.2	10090	9697	9230	8873	8272	7374	6643	5798	3790
		680	5340	0.99	14	10427	10048	9609	9308	8812	7818	7111	6353	4355
30HXEL8B	1-1/2	705	5537	1.11	15	10811	10446	10035	9774	9386	8330	7626	6930	5523
		730	5733	1.23	15.9	11194	10843	10454	10219	9907	8863	8131	7475	6326
		755	5929	1.36	16.9	11577	11239	10868	10653	10387	9435	8634	7999	6976
		780	6126	1.5	17.8	11961	11634	11281	11080	10845	10048	9144	8510	7563
30HXEL9B	2	807	6338	1.66	18.8	12375	12059	11722	11535	11324	10682	9710	9054	8161
		834	6550	1.83	19.9	12789	12483	12160	11984	11789	11258	10311	9599	8733
		860	6754	2	21	13187	12891	12581	12414	12232	11771	10937	10131	9270

30 HXEM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
30HXEM2B	1/6	475	3731	0.15	6.3	5518	4789	4020	3440								
		510	4006	0.17	7.3	5925	5243	4559	4136								
		515	4045	0.18	7.5	5983	5308	4632	4224								
30HXEM3B	1/4	530	4163	0.20	7.9	6157	5500	4849	4477	3983							
		565	4437	0.23	8.9	6564	5944	5342	5020	4642							
		585	4595	0.25	9.4	6796	6196	5616	5313	4976							
		595	4673	0.27	9.7	6912	6322	5752	5457	5135							
30HXEM4B	1/3	605	4752	0.30	10.0	7028	6447	5888	5599	5290	4447						
		630	4948	0.33	10.8	7319	6759	6222	5949	5662	4956						
		655	5144	0.36	11.6	7609	7069	6553	6292	6023	5405						
30HXEM5B	1/2	670	5262	0.41	12.1	7783	7255	6750	6496	6236	5656	4824					
		695	5459	0.45	12.9	8074	7563	7076	6832	6584	6053	5361					
		730	5733	0.50	14.1	8480	7992	7528	7296	7062	6576	6003					
		740	5812	0.55	14.5	8597	8115	7656	7428	7198	6721	6173	5425				
30HXEM6B	3/4	770	6048	0.60	15.5	8945	8481	8039	7820	7600	7149	6659	6040				
		810	6362	0.68	16.9	9410	8967	8545	8337	8129	7705	7261	6751				
		820	6440	0.75	17.3	9526	9088	8671	8465	8260	7843	7408	6918	5894			
		850	6676	0.82	18.3	9874	9451	9048	8849	8651	8251	7839	7395	6542			
30HXEM7B	1	885	6951	0.90	19.6	10281	9874	9485	9293	9103	8721	8330	7921	7194			
		925	7265	1.01	21	10746	10355	9981	9798	9615	9251	8881	8500	7868			
		945	7422	1.06	22	10978	10596	10229	10049	9870	9513	9152	8783	8185			
30HXEM8B	1-1/2	960	7540	1.20	22	11152	10775	10414	10236	10060	9709	9355	8993	8415	7108		
		1010	7933	1.35	24	11733	11374	11029	10859	10692	10358	10023	9683	9156	8094		
		1055	8286	1.50	26	12256	11912	11580	11417	11256	10935	10616	10293	9798	8871		
		1065	8364	1.64	27	12372	12031	11702	11540	11380	11063	10747	10428	9939	9036	7759	
30HXEM9B	2	1110	8718	1.81	29	12895	12567	12250	12095	11941	11636	11332	11027	10563	9740	8691	
		1155	9071	1.99	30	13418	13102	12797	12647	12498	12204	11912	11620	11177	10408	9504	
		1175	9228	2.20	31	13650	13340	13039	12891	12745	12456	12168	11881	11447	10698	9843	8688

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.

HXEL, HXEM 24 Data



Prop Diameter - 24 inches
Prop Type - X.STREAM
Maximum MHP = 1.5
Maximum Frame = 182T
Maximum RPM - 1126 HXEL
 1400 HXEM
Tip Speed (FPM) = 6.28 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Outlet Area - 14.9 sq. ft.
Outlet Velocity (FPM) - (CFM/14.9)
Roof Opening Square - 31-1/2 inches
Matching Curb - RCG, RCA-34
Approx. Shipping Weight - 480 lbs.

24 HXEL

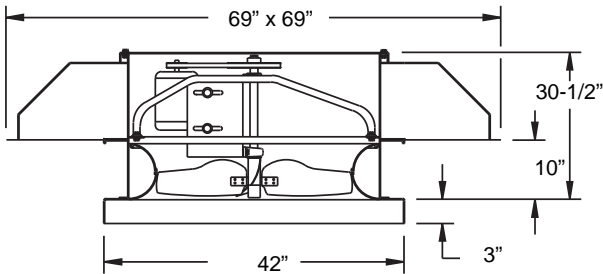
Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
24HXEL2B	1/6	550	3456	0.13	7.4	4488	3597	2864	2496					
		580	3644	0.15	8.1	4732	3887	3169	2832	2469				
		600	3770	0.17	8.6	4895	4079	3369	3046	2705				
		610	3833	0.18	8.8	4977	4175	3468	3151	2820				
24HXEL3B	1/4	635	3990	0.20	9.4	5181	4413	3713	3408	3099				
		665	4178	0.23	10.1	5426	4697	4005	3709	3418	2792			
		680	4273	0.25	10.5	5548	4838	4150	3857	3574	2973			
		705	4430	0.28	11.2	5752	5071	4391	4103	3828	3264			
24HXEL4B	1/3	725	4555	0.30	11.7	5915	5256	4583	4298	4028	3488			
		745	4681	0.33	12.3	6079	5440	4774	4492	4227	3705	3141		
		770	4838	0.36	13.0	6283	5668	5013	4734	4472	3969	3439		
		795	4995	0.40	13.8	6487	5895	5253	4974	4716	4227	3726		
24HXEL5B	1/2	825	5184	0.45	14.6	6731	6165	5543	5262	5007	4530	4057	3549	
		855	5372	0.50	15.5	6976	6433	5831	5548	5297	4828	4376	3901	
		885	5561	0.55	16.4	7221	6699	6118	5836	5585	5124	4686	4239	
		910	5718	0.60	17.2	7425	6920	6355	6078	5824	5368	4940	4511	3816
24HXEL6B	3/4	950	5969	0.68	18.5	7751	7271	6732	6462	6205	5756	5340	4933	4292
		980	6158	0.75	19.5	7996	7532	7013	6750	6495	6046	5636	5241	4635
		1010	6346	0.82	20	8241	7793	7292	7035	6784	6334	5929	5544	4964
		1040	6535	0.90	21	8486	8052	7568	7319	7073	6622	6221	5843	5284
24HXEL7B	1	1080	6786	1.01	23	8812	8396	7935	7694	7455	7004	6608	6237	5700
		1110	6974	1.09	24	9057	8654	8207	7974	7741	7291	6897	6530	6005

24 HXEM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
24HXEM2B	1/6	650	4084	0.11	8.5	3808	3374	2914	2650	2346	1574						
		685	4304	0.13	9.3	4013	3602	3170	2938	2668	1839	1450					
		720	4524	0.15	10.1	4218	3829	3419	3207	2970	2399	1711					
		750	4712	0.17	10.9	4394	4021	3629	3429	3215	2704	1930	1585				
		765	4807	0.18	11.3	4482	4117	3733	3538	3333	2844	2048	1704				
24HXEM3B	1/4	790	4964	0.20	11.9	4628	4275	3904	3717	3523	3072	2453	1884				
		825	5184	0.23	12.8	4833	4496	4142	3963	3781	3376	2892	2140	1660			
		850	5341	0.25	13.5	4980	4653	4311	4137	3962	3583	3131	2387	1864			
		870	5466	0.27	14.1	5097	4778	4445	4274	4104	3744	3315	2785	2011			
24HXEM4B	1/3	900	5655	0.30	14.9	5272	4965	4644	4479	4315	3976	3583	3130	2227			
		930	5843	0.33	15.8	5448	5151	4842	4683	4524	4200	3839	3419	2451			
		955	6000	0.36	16.5	5595	5306	5005	4851	4695	4383	4044	3649	2744	1937		
24HXEM5B	1/2	990	6220	0.40	17.5	5800	5521	5233	5085	4935	4635	4321	3960	3330	2217		
		1030	6472	0.45	18.7	6034	5767	5490	5349	5206	4918	4624	4298	3731	2504		
		1065	6692	0.50	19.8	6239	5981	5714	5578	5440	5162	4881	4581	4055	2762	2142	
		1100	6912	0.55	21	6444	6195	5937	5806	5673	5403	5134	4852	4368	3124	2427	
24HXEM6B	3/4	1135	7131	0.60	22	6649	6407	6159	6032	5904	5643	5382	5115	4668	3755	2681	
		1185	7446	0.68	23	6942	6711	6473	6353	6230	5982	5732	5480	5077	4267	3045	2500
		1220	7665	0.75	24	7147	6923	6693	6576	6457	6217	5973	5731	5350	4592	3351	2770
		1255	7885	0.82	26	7352	7134	6911	6797	6683	6450	6213	5978	5614	4910	4005	3021
24HXEM7B	1	1300	8168	0.90	27	7616	7406	7191	7081	6971	6747	6520	6292	5946	5301	4528	3350
		1345	8451	1.00	29	7879	7676	7469	7364	7257	7042	6823	6602	6271	5674	4960	3791
		1385	8702	1.10	30	8114	7917	7716	7614	7511	7302	7091	6876	6556	5994	5327	4541

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.

Data 30 HXEL, HXEM



Prop Diameter - 30 inches
Prop Type - X.STREAM
Maximum MHP = 3
Maximum Frame = 184T
Maximum RPM - 932 HXEL
 1184 HXEM
Tip Speed (FPM) = 7.85 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Outlet Area - 20.5 sq. ft.
Outlet Velocity (FPM) - (CFM/20.5)
Roof Opening Square - 37-1/2 inches
Matching Curb - RCG, RCA-40
Approx. Shipping Weight - 560 lbs.

30 HXEL

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
30HXEL3B	1/4	395	3102	5.5	0.19	6057	5145	3725	2601	1977				
		404	3173	5.7	0.21	6195	5352	3933	3056	2150				
		413	3243	6	0.23	6333	5547	4133	3400	2330	1349			
		422	3314	6.2	0.24	6471	5731	4327	3667	2530	1565			
30HXEL4B	1/3	437	3432	6.6	0.26	6701	6018	4641	4054	3050	1901			
		452	3550	7	0.29	6931	6291	4947	4404	3711	2203			
		466	3659	7.4	0.33	7146	6540	5229	4713	4119	2473	1612		
30HXEL5B	1/2	483	3793	7.8	0.36	7406	6832	5572	5073	4544	2822	2005		
		500	3926	8.3	0.41	7667	7121	5921	5423	4934	3306	2358	1509	
		517	4060	8.9	0.44	7928	7405	6285	5766	5303	4114	2687	1921	
		535	4201	9.4	0.48	8204	7704	6698	6128	5680	4673	3045	2324	
30HXEL6B	3/4	555	4358	10	0.54	8511	8034	7190	6537	6087	5182	3548	2726	
		575	4516	10.6	0.61	8817	8359	7650	6959	6490	5644	4483	3113	2076
		595	4673	11.2	0.67	9124	8684	8068	7415	6894	6081	5136	3533	2531
		616	4838	11.8	0.74	9446	9023	8472	7928	7328	6522	5685	4211	2960
30HXEL7B	1	637	5002	12.5	0.82	9768	9361	8857	8423	7782	6951	6178	5175	3365
		658	5167	13.2	0.9	10090	9697	9230	8873	8272	7374	6643	5798	3790
		680	5340	14	0.99	10427	10048	9609	9308	8812	7818	7111	6353	4355
30HXEL8B	1 1/2	705	5537	15	1.11	10811	10446	10035	9774	9386	8330	7626	6930	5523
		730	5733	15.9	1.23	11194	10843	10454	10219	9907	8863	8131	7475	6326
		755	5929	16.9	1.36	11577	11239	10868	10653	10387	9435	8634	7999	6976
		780	6126	17.8	1.5	11961	11634	11281	11080	10845	10048	9144	8510	7563
30HXEL9B	2	807	6338	18.8	1.66	12375	12059	11722	11535	11324	10682	9710	9054	8161
		834	6550	19.9	1.83	12789	12483	12160	11984	11789	11258	10311	9599	8733
		860	6754	21	2	13187	12891	12581	12414	12232	11771	10937	10131	9270

30 HXEM

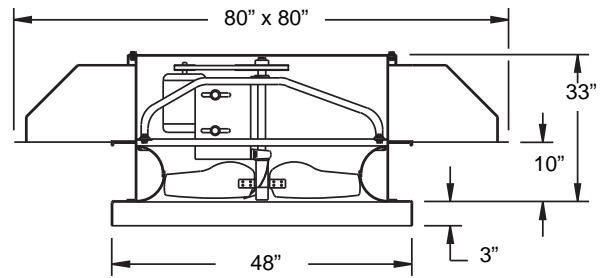
Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
30HXEM2B	1/6	475	3731	0.15	6.3	5518	4789	4020	3440								
		510	4006	0.17	7.3	5925	5243	4559	4136								
		515	4045	0.18	7.5	5983	5308	4632	4224								
30HXEM3B	1/4	530	4163	0.20	7.9	6157	5500	4849	4477	3983							
		565	4437	0.23	8.9	6564	5944	5342	5020	4642							
		585	4595	0.25	9.4	6796	6196	5616	5313	4976							
		595	4673	0.27	9.7	6912	6322	5752	5457	5135							
30HXEM4B	1/3	605	4752	0.30	10.0	7028	6447	5888	5599	5290	4447						
		630	4948	0.33	10.8	7319	6759	6222	5949	5662	4956						
		655	5144	0.36	11.6	7609	7069	6553	6292	6023	5405						
30HXEM5B	1/2	670	5262	0.41	12.1	7783	7255	6750	6496	6236	5656	4824					
		695	5459	0.45	12.9	8074	7563	7076	6832	6584	6053	5361					
		730	5733	0.50	14.1	8480	7992	7528	7296	7062	6576	6003					
		740	5812	0.55	14.5	8597	8115	7656	7428	7198	6721	6173	5425				
30HXEM6B	3/4	770	6048	0.60	15.5	8945	8481	8039	7820	7600	7149	6659	6040				
		810	6362	0.68	16.9	9410	8967	8545	8337	8129	7705	7261	6751				
		820	6440	0.75	17.3	9526	9088	8671	8465	8260	7843	7408	6918	5894			
		850	6676	0.82	18.3	9874	9451	9048	8849	8651	8251	7839	7395	6542			
30HXEM7B	1	885	6951	0.90	19.6	10281	9874	9485	9293	9103	8721	8330	7921	7194			
		925	7265	1.01	21	10746	10355	9981	9798	9615	9251	8881	8500	7868			
		945	7422	1.06	22	10978	10596	10229	10049	9870	9513	9152	8783	8185			
30HXEM8B	1-1/2	960	7540	1.20	22	11152	10775	10414	10236	10060	9709	9355	8993	8415	7108		
		1010	7933	1.35	24	11733	11374	11029	10859	10692	10358	10023	9683	9156	8094		
		1055	8286	1.50	26	12256	11912	11580	11417	11256	10935	10616	10293	9798	8871		
		1065	8364	1.64	27	12372	12031	11702	11540	11380	11063	10747	10428	9939	9036	7759	
30HXEM9B	2	1110	8718	1.81	29	12895	12567	12250	12095	11941	11636	11332	11027	10563	9740	8691	
		1155	9071	1.99	30	13418	13102	12797	12647	12498	12204	11912	11620	11177	10408	9504	
		1175	9228	2.20	31	13650	13340	13039	12891	12745	12456	12168	11881	11447	10698	9843	8688

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.

36 HXEL, HXEM Data

Prop Diameter - 36 inches
Prop Type - X.STREAM
Maximum MHP = 3
Maximum Frame = 215T
Maximum RPM - 720 HXEL
864 HXEM
Tip Speed (FPM) = 9.42 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Outlet Area - 28 sq. ft.
Outlet Velocity (FPM) - (CFM/28)
Roof Opening Square - 43-1/2 inches
Matching Curb - RCG, RCA-46
Approx. Shipping Weight - 780 lbs.



36 HXEL

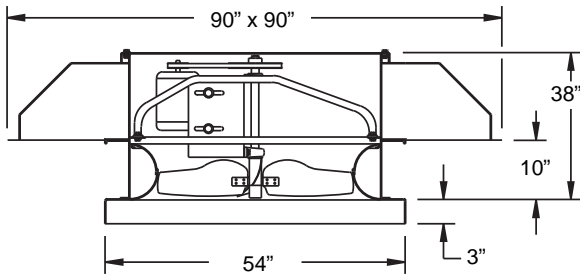
Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
36HXEL3B	1/4	330	3110	0.23	5.5	8784	7406	5940	4932					
		340	3204	0.25	5.8	9051	7697	6336	5412					
		345	3252	0.27	6.0	9184	7841	6528	5628					
36HXEL4B	1/3	360	3393	0.30	6.4	9583	8272	7086	6271	5321				
		370	3487	0.33	6.7	9849	8557	7444	6683	5819				
		380	3581	0.36	7.1	10115	8841	7792	7079	6251				
36HXEL5B	1/2	395	3723	0.40	7.6	10515	9265	8294	7647	6896				
		410	3864	0.45	8.1	10914	9688	8779	8193	7509				
		425	4006	0.50	8.7	11313	10109	9239	8716	8088	6616			
		435	4100	0.54	9.1	11580	10389	9540	9054	8462	7059			
36HXEL6B	3/4	450	4241	0.60	9.7	11979	10807	9985	9547	9006	7703			
		470	4430	0.68	10.6	12511	11364	10570	10174	9699	8534	7147		
		485	4571	0.75	11.3	12911	11780	11005	10626	10199	9121	7835		
		500	4712	0.82	11.9	13310	12196	11437	11071	10685	9686	8477		
36HXEL7B	1	520	4901	0.92	12.7	13842	12748	12009	11658	11300	10413	9320	8079	
		535	5042	1.00	13.3	14242	13163	12435	12094	11750	10936	9918	8741	
		550	5184	1.09	14.0	14641	13576	12860	12528	12195	11445	10492	9385	
36HXEL8B	1-1/2	570	5372	1.21	14.8	15173	14126	13424	13101	12782	12101	11233	10224	8457
		590	5561	1.34	15.7	15706	14677	13986	13672	13363	12731	11945	11017	9422
		615	5796	1.52	16.8	16371	15363	14686	14380	14083	13486	12799	11960	10497
		630	5938	1.64	17.4	16770	15773	15105	14804	14512	13932	13294	12508	11132
36HXEL9B	2	650	6126	1.80	18.3	17303	16322	15663	15367	15081	14520	13934	13214	11941
		675	6362	2.01	19.3	17968	17007	16357	16068	15790	15248	14700	14064	12902
		695	6550	2.20	20	18501	17553	16912	16627	16354	15826	15298	14721	13645

36 HXEM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
36HXEM3B	1/4	375	3534	0.18	6.2	7912	6706	5576	4883	3761							
		385	3629	0.20	6.5	8123	6944	5859	5198	4416							
		400	3770	0.23	6.9	8439	7299	6265	5666	4992	2965						
		415	3911	0.25	7.4	8756	7651	6655	6112	5483	3505						
		425	4006	0.27	7.7	8967	7884	6910	6398	5798	3928						
36HXEM4B	1/3	435	4100	0.30	8.0	9177	8116	7163	6677	6110	4482	2921					
		450	4241	0.33	8.5	9494	8463	7536	7077	6561	5332	3402					
		465	4383	0.36	9.0	9810	8809	7906	7467	6993	5871	3960					
36HXEM5B	1/2	480	4524	0.40	9.5	10127	9153	8271	7848	7409	6357	4617	3315				
		505	4760	0.46	10.5	10654	9722	8877	8473	8066	7138	6034	4163				
		520	4901	0.50	11.1	10971	10063	9238	8842	8450	7587	6567	4788				
		535	5042	0.55	11.7	11287	10402	9596	9207	8829	8020	7055	5648	3652			
36HXEM6B	3/4	555	5231	0.61	12.5	11709	10852	10070	9693	9326	8575	7684	6678	4294			
		575	5419	0.67	13.4	12131	11301	10541	10175	9817	9104	8294	7373	5076			
		600	5655	0.76	14.5	12659	11859	11125	10772	10425	9746	9019	8167	6445			
		610	5749	0.79	14.9	12870	12082	11358	11010	10667	9999	9299	8481	7044			
36HXEM7B	1	635	5985	0.91	16.1	13397	12638	11937	11600	11269	10624	9972	9237	7980	4767		
		655	6173	1.00	17.0	13819	13081	12398	12069	11746	11116	10492	9815	8633	5495		
		680	6409	1.10	18.1	14346	13633	12971	12652	12339	11726	11129	10510	9420	6586		
36HXEM8B	1-1/2	695	6550	1.20	18.8	14663	13964	13313	13000	12693	12090	11506	10908	9881	7589	4856	
		725	6833	1.35	20	15296	14623	13995	13693	13396	12815	12249	11686	10765	8929	5858	
		750	7069	1.49	21	15823	15171	14561	14267	13978	13413	12861	12320	11469	9767	6886	
		770	7257	1.63	22	16245	15609	15012	14724	14441	13889	13347	12820	12010	10396	7996	5596
36HXEM9B	2	800	7540	1.82	24	16878	16265	15686	15407	15133	14597	14073	13561	12793	11333	9598	6643
		830	7823	2.01	25	17511	16918	16358	16087	15821	15301	14793	14293	13559	12223	10643	7930
		855	8058	2.19	27	18039	17462	16916	16652	16392	15884	15388	14900	14186	12936	11440	9540

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.

Data HXEL, HXEM 42



Prop Diameter - 42 inches
Prop Type - X.STREAM
Maximum MHP = 5
Maximum Frame = 215T
Maximum RPM - 610 HXEL
 718 HXEM
Tip Speed (FPM) = 11.0 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Outlet Area - 35.5 sq. ft.
Outlet Velocity (FPM) - (CFM/35.5)
Roof Opening Square - 49-1/2 inches
Matching Curb - RCG, RCA-52
Approx. Shipping Weight - 1020 lbs.

42 HXEL

Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
42HXEL4B	1/3	266	2925	0.29	6.6	11109	8984	6250	4468					
		278	3057	0.33	7.1	11610	9558	7161	5482					
		286	3145	0.36	7.5	11944	9946	7761	6108					
42HXEL5B	1/2	296	3255	0.40	7.9	12362	10429	8491	6879	5289				
		308	3387	0.45	8.5	12863	11004	9272	7796	6278				
		318	3497	0.50	9.0	13280	11481	9838	8542	7054				
		328	3607	0.55	9.5	13698	11954	10353	9287	7825				
42HXEL6B	3/4	338	3717	0.60	10.0	14116	12424	10855	9966	8585	5780			
		352	3870	0.68	10.8	14700	13079	11542	10808	9636	6962			
		364	4002	0.75	11.5	15202	13636	12122	11437	10501	7899			
		376	4134	0.82	12.1	15703	14189	12696	12042	11280	8824	6304		
42HXEL7B	1	388	4266	0.91	12.9	16204	14739	13268	12634	11970	9742	7340		
		402	4420	1.01	13.8	16788	15378	13947	13314	12694	10786	8447		
		414	4552	1.10	14.5	17290	15922	14527	13890	13297	11683	9373	7082	
42HXEL8B	1-1/2	426	4684	1.20	15.4	17791	16464	15104	14463	13887	12506	10299	8119	
		444	4882	1.36	16.6	18543	17273	15964	15329	14760	13604	11651	9535	
		460	5058	1.51	17.6	19211	17988	16723	16103	15525	14445	12855	10768	
		474	5212	1.65	18.5	19795	18610	17383	16777	16193	15152	13832	11840	8890
42HXEL9B	2	488	5366	1.80	19.4	20380	19231	18039	17448	16871	15845	14721	12883	10005
		506	5564	2.01	21	21132	20026	18877	18304	17741	16721	15722	14234	11399
		522	5740	2.21	22	21800	20730	19618	19061	18511	17490	16541	15333	12633
42HXEL9B	3	538	5916	2.42	23	22468	21431	20354	19812	19276	18254	17340	16332	13841
		558	6136	2.69	24	23303	22305	21269	20746	20227	19214	18320	17414	15344
		578	6355	2.99	26	24139	23177	22178	21674	21171	20183	19285	18431	16770
		596	6553	3.28	27	24890	23959	22993	22504	22015	21051	20145	19323	17928

42 HXEM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
42HXEM4B	1/3	326	3585	0.30	9.1	11112	9749	7922	6981	6046	3726						
		336	3695	0.33	9.6	11453	10139	8401	7477	6571	4410						
		346	3804	0.36	10.1	11794	10526	8881	7967	7086	5238						
		358	3936	0.40	10.7	12203	10987	9447	8547	7691	5995	3776					
42HXEM5B	1/2	372	4090	0.45	11.5	12680	11518	10089	9217	8384	6749	4630					
		384	4222	0.50	12.1	13089	11969	10624	9794	8969	7380	5632					
		398	4376	0.55	12.9	13566	12491	11227	10456	9642	8104	6574	4489				
		408	4486	0.60	13.5	13907	12862	11647	10919	10120	8611	7127	5111				
42HXEM6B	3/4	426	4684	0.68	14.7	14521	13526	12387	11731	10984	9507	8077	6584				
		440	4838	0.75	15.6	14998	14038	12952	12341	11641	10191	8805	7428	4719			
		454	4992	0.82	16.6	15475	14548	13509	12931	12284	10867	9519	8182	5551			
		468	5146	0.90	17.5	15952	15056	14060	13511	12911	11536	10220	8918	6708			
42HXEM7B	1	484	5322	1.00	18.5	16498	15634	14682	14162	13604	12306	11008	9749	7853			
		500	5498	1.10	19.6	17043	16209	15297	14803	14277	13065	11785	10562	8745			
		514	5652	1.20	21	17520	16711	15830	15357	14855	13716	12456	11261	9482	5806		
42HXEM8B	1-1/2	536	5894	1.36	22	18270	17496	16662	16216	15747	14712	13512	12342	10635	7374		
		554	6092	1.50	23	18884	18137	17336	16910	16465	15502	14371	13211	11555	8774		
		572	6289	1.65	25	19497	18775	18005	17598	17173	16262	15213	14071	12458	9808	6332	
		590	6487	1.81	26	20111	19412	18670	18279	17874	17009	16034	14938	13346	10766	7466	
42HXEM9B	2	610	6707	2.00	28	20792	20118	19405	19031	18644	17824	16923	15890	14319	11818	9131	
		630	6927	2.20	29	21474	20823	20135	19777	19407	18626	17782	16821	15279	12850	10435	7139
		650	7147	2.42	31	22156	21525	20863	20518	20163	19418	18619	17730	16237	13861	11530	8484
42HXEM10B	3	674	7411	2.70	33	22974	22366	21731	21402	21063	20357	19603	18791	17387	15053	12794	10442
		698	7675	2.99	35	23792	23206	22596	22280	21957	21284	20571	19810	18513	16226	14041	11872
		718	7895	3.26	37	24474	23905	23314	23009	22696	22049	21366	20642	19429	17190	15059	12945

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.

48 HXEL, HXEM Data

Prop Diameter - 48 inches

Prop Type - X.STREAM

Maximum MHP = 5

Maximum Frame = 254T

Maximum RPM - 516 HXEL

598 HXEM

Tip Speed (FPM) = 12.57 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

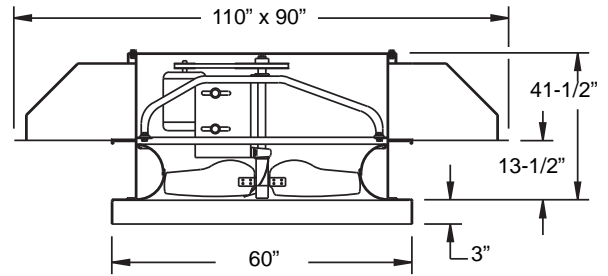
Outlet Area - 43.2 sq. ft.

Outlet Velocity (FPM) - (CFM/43.2)

Roof Opening Square - 55-1/2 inches

Matching Curb - RCG, RCA-58

Approx. Shipping Weight - 1110 lbs.



48 HXEL

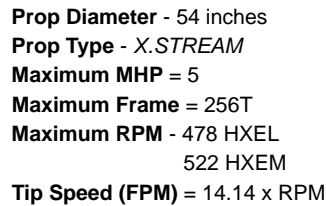
Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
48HXEL6B	3/4	282	3544	0.53	9.3	16673	13864	11677	10228					
		294	3695	0.60	10.1	17383	14641	12560	11359					
		308	3870	0.68	11.1	18211	15541	13552	12497					
		318	3996	0.75	11.9	18802	16180	14244	13259	12089				
		326	4097	0.81	11.7	19275	16690	14790	13847	12776				
48HXEL7B	1	338	4247	0.90	13.4	19984	17453	15600	14705	13737				
		350	4398	1.00	14.2	20694	18212	16402	15544	14647				
		360	4524	1.10	14.8	21285	18844	17065	16231	15378	13291			
48HXEL8B	1-1/2	372	4675	1.21	15.6	21995	19600	17857	17045	16232	14378			
		388	4876	1.36	16.6	22941	20604	18904	18117	17344	15684			
		400	5027	1.50	17.4	23650	21356	19685	18915	18164	16604	14602		
		412	5177	1.64	18.2	24360	22106	20461	19707	18974	17489	15736		
48HXEL9B	2	426	5353	1.81	19.1	25187	22978	21363	20626	19910	18492	16915		
		440	5529	2.00	20	26015	23850	22261	21539	20841	19473	18016	16190	
		454	5705	2.19	21	26843	24718	23155	22448	21764	20437	19069	17473	
48HXEL10B	3	468	5881	2.40	22	27671	25587	24047	23352	22682	21389	20085	18637	
		488	6132	2.73	23	28853	26823	25315	24637	23985	22730	21498	20193	17665
		504	6333	3.00	25	29799	27812	26327	25659	25021	23795	22604	21377	19220
		516	6484	3.22	25	30509	28552	27083	26425	25795	24589	23423	22241	20246

48 HXEM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
48HXEM5B	1/2	288	3619	0.36	8.4	14298	12141	9802	8310								
		300	3770	0.40	9.2	14894	12807	10613	9362								
		312	3921	0.45	10.0	15490	13466	11428	10259								
		324	4072	0.50	10.9	16086	14121	12225	11097	9880							
		334	4197	0.55	11.6	16582	14662	12869	11771	10667							
48HXEM6B	3/4	344	4323	0.60	12.2	17079	15202	13498	12449	11396							
		358	4499	0.68	13.0	17774	15953	14352	13389	12365							
		370	4650	0.75	13.7	18369	16593	15054	14169	13172	11050						
		382	4800	0.82	17.3	18965	17231	15743	14929	13988	12038						
48HXEM7B	1	394	4951	0.90	15.0	19561	17867	16424	15669	14787	12930						
		406	5102	1.00	15.7	20157	18501	17097	16385	15566	13773	11620					
		420	5278	1.10	16.6	20852	19238	17876	17196	16450	14723	12899					
48HXEM8B	1-1/2	434	5454	1.21	17.4	21547	19973	18647	17994	17309	15670	13981					
		450	5655	1.35	18.3	22341	20810	19523	18896	18255	16748	15127	13244				
		466	5856	1.50	19.2	23136	21645	20392	19787	19176	17793	16221	14601				
48HXEM9B	2	482	6057	1.65	20	23930	22478	21257	20671	20084	18809	17298	15796				
		496	6233	1.82	21	24625	23205	22009	21439	20870	19676	18250	16783	14103			
		514	6459	2.01	22	25519	24138	22972	22419	21871	20752	19440	18006	15765			
48HXEM10B	3	530	6660	2.20	24	26313	24965	23825	23286	22754	21678	20469	19086	17008			
		546	6861	2.40	25	27107	25791	24674	24148	23630	22593	21472	20169	18167			
		568	7138	2.70	27	28200	26925	25839	25328	24827	23834	22809	21616	19683			
		588	7389	3.01	28	29193	27953	26892	26395	25909	24949	23975	22890	21026	17736		
		598	7515	3.17	29	29689	28466	27419	26927	26447	25503	24549	23514	21711	18566		

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Outlet Area - 54.3 sq. ft.
Outlet Velocity (FPM) - (CFM/54.3)
Roof Opening Square - 61-1/2 inches
Matching Curb - RCG, RCA-64
Approx. Shipping Weight - 1235 lbs.



Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
54HXEL5B	1/2	194	2743	0.35	5.4	15387	11887	7829	6249					
		202	2856	0.40	5.8	16021	12654	8735	7086					
		210	2969	0.45	6.2	16656	13401	9621	7972	6582				
		218	3082	0.50	6.6	17290	14133	10511	8879	7417				
		224	3167	0.54	6.9	17766	14671	11187	9561	8058				
54HXEL6B	3/4	232	3280	0.60	7.4	18401	15380	12166	10448	8954				
		240	3393	0.67	7.8	19035	16082	13152	11335	9862	7338			
		250	3534	0.76	8.3	19828	16952	14326	12457	10986	8385			
		256	3619	0.81	8.7	20304	17470	14972	13182	11650	9015			
		266	3760	0.91	9.3	21097	18329	15989	14420	12762	10125	7957		
54HXEL7B	1	274	3874	1.00	9.8	21732	19013	16777	15382	13662	11032	8800		
		282	3987	1.09	10.2	22366	19694	17546	16294	14634	11943	9634		
		292	4128	1.21	11.0	23159	20543	18489	17333	15871	13054	10716	8782	
54HXEL8B	1-1/2	304	4298	1.36	12.0	24111	21556	19597	18529	17298	14385	12068	10041	
		314	4439	1.50	12.7	24904	22397	20500	19495	18385	15506	13207	11092	
		324	4580	1.65	13.6	25697	23237	21389	20441	19404	16696	14322	12201	9556
54HXEL9B	2	334	4722	1.81	14.3	26491	24073	22269	21370	20394	17937	15429	13332	10612
		346	4891	2.01	15.2	27442	25075	23318	22465	21549	19388	16766	14697	11864
		356	5033	2.18	15.9	28235	25908	24185	23359	22493	20532	17904	15807	12944
54HXEL10B	3	370	5231	2.43	16.8	29346	27071	25392	24597	23789	21991	19631	17359	14517
		384	5429	2.71	17.8	30456	28232	26591	25823	25056	23385	21340	18926	16110
		398	5627	3.02	18.8	31567	29389	27783	27038	26300	24737	22954	20596	17671
		410	5796	3.30	19.6	32518	30382	28802	28073	27356	25872	24212	22084	19001
54HXEL11B	5	438	6192	4.03	22	34739	32687	31165	30469	29792	28447	26988	25367	22166
		454	6418	4.48	23	36008	34004	32509	31829	31171	29876	28513	27019	24148
		472	6673	5.03	24	37436	35480	34015	33351	32712	31463	30190	28807	26337
		478	6758	5.23	25	37912	35971	34516	33858	33224	31989	30742	29389	27042

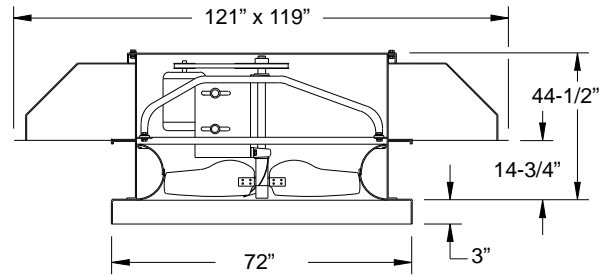
Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure												
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	
54HXEM5B	1/2	200	2827	0.32	6.2	15027	11688	7350	5745									
		216	3054	0.40	7.1	16229	13155	9292	7406	5953								
		224	3167	0.45	7.6	16830	13922	10476	8260	6815								
		232	3280	0.51	8.0	17431	14685	11498	9146	7636								
		238	3365	0.55	8.4	17882	15252	12162	9884	8259								
54HXEM6B	3/4	246	3478	0.60	8.9	18483	15998	13003	11061	9116	6467							
		256	3619	0.68	9.5	19234	16915	14006	12460	10231	7590							
		264	3732	0.75	10.0	19835	17635	14774	13369	11300	8421							
		272	3845	0.82	10.6	20436	18343	15526	14223	12491	9239	6807						
54HXEM7B	1	282	3987	0.91	11.3	21188	19215	16452	15244	13837	10304	8033						
		292	4128	1.01	11.9	21939	20072	17369	16217	14950	11403	9090						
		300	4241	1.09	12.5	22540	20752	18100	16974	15793	12357	9908	7743					
54HXEM8B	1-1/2	310	4383	1.20	13.3	23291	21589	19038	17906	16807	13817	10954	8918					
		322	4552	1.35	14.2	24193	22583	20187	19011	17967	15533	12253	10176					
		334	4722	1.51	15.1	25095	23568	21327	20107	19096	16918	13629	11407	8460				
		344	4863	1.65	15.9	25846	24381	22264	21037	20023	17985	15060	12471	9687				
54HXEM9B	2	354	5005	1.80	16.6	26597	25189	23188	21996	20941	19010	16539	13561	10756				
		366	5174	1.99	17.5	27499	26153	24279	23141	22037	20191	18086	14946	11990				
		378	5344	2.19	18.4	28400	27110	25352	24274	23157	21332	19410	16672	13238				
54HXEM10B	3	390	5513	2.40	19.3	29302	28063	26409	25392	24307	22453	20667	18432	14527	10354			
		406	5740	2.72	21	30504	29328	27794	26857	25830	23928	22266	20382	16320	12131			
		420	5938	3.01	22	31556	30427	28986	28113	27145	25206	23603	21890	18249	13578			
		434	6136	3.31	23	32608	31524	30163	29349	28439	26502	24914	23327	20319	15023	11313		
54HXEM11B	5	462	6531	4.01	25	34712	33707	32482	31764	30966	29180	27491	26037	23671	18065	14404		
		480	6786	4.48	27	36064	35103	33954	33286	32548	30879	29138	27717	25552	20340	16244	12970	
		498	7040	4.99	29	37416	36495	35410	34790	34104	32551	30855	29374	27344	23010	18160	14937	
		512	7238	5.45	30	38468	37577	36538	35944	35298	33830	32193	30654	28681	24920	19691	16385	

19

60 HXEL, HXEM Data

Prop Diameter - 60 inches
Prop Type - X.STREAM
Maximum MHP = 7.5
Maximum Frame = 256T
Maximum RPM - 450 HXEL
 476 HXEM
Tip Speed (FPM) = 15.71 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Outlet Area - 64.8 sq. ft.
Outlet Velocity (FPM) - (CFM/64.8)
Roof Opening Square - 67-1/2 inches
Matching Curb - RCG, RCA-70
Approx. Shipping Weight - 1550 lbs.



60 HXEL

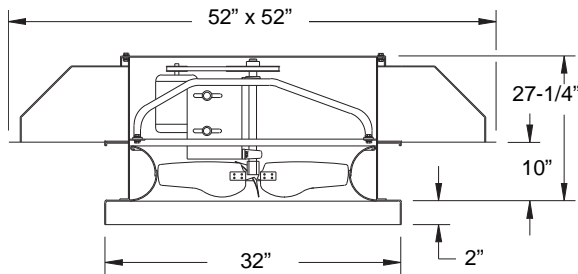
Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
60HXEL6B	3/4	198	3110	0.76	7.5	22537	18965	14735	12834	10791				
		202	3173	0.81	7.7	22993	19466	15464	13416	11541	8535			
60HXEL7B	1	210	3299	0.91	8.2	23903	20460	16931	14572	13010	9665			
		216	3393	0.99	8.6	24586	21201	17963	15530	13928	10496			
		224	3519	1.10	9.2	25497	22181	19207	16952	15090	11646			
60HXEL8B	1-1/2	232	3644	1.22	9.7	26407	23157	20398	18423	16259	13090	10418		
		240	3770	1.35	10.2	27318	24127	21544	19836	17601	14586	11527		
		248	3896	1.49	10.8	28228	25093	22656	21102	19051	15874	12645	10541	
		256	4021	1.65	11.5	29139	26057	23739	22308	20520	17041	14002	11671	
60HXEL9B	2	264	4147	1.81	12.1	30050	27016	24787	23473	21911	18197	15507	12779	
		274	4304	2.02	12.9	31188	28213	26062	24879	23472	19778	17261	14208	
		282	4430	2.20	13.6	32098	29167	27069	25974	24669	21197	18440	15630	12459
60HXEL10B	3	290	4555	2.40	14.3	33009	30120	28069	27046	25827	22668	19599	17138	13573
		302	4744	2.71	15.3	34375	31546	29555	28588	27510	24828	21377	19184	15241
		312	4901	2.98	16.1	35513	32732	30784	29852	28868	26429	23106	20649	16868
		322	5058	3.28	17.0	36651	33916	32006	31104	30187	27948	24932	22094	18742
60HXEL11B	5	344	5404	4.00	19.0	39156	36513	34676	33825	32980	31111	28794	25712	22384
		358	5623	4.51	20	40749	38162	36364	35539	34728	33030	30948	28282	24411
		370	5812	4.98	21	42115	39571	37805	36999	36213	34624	32712	30430	26202
60HXEL12B	7 1/2	382	6000	5.48	22	43481	40983	39242	38454	37688	36160	34420	32350	28277
		394	6189	6.01	23	44847	42391	40676	39902	39154	37678	36078	34174	30468
		410	6440	6.77	25	46668	44264	42582	41827	41099	39680	38232	36508	33384
		424	6660	7.49	26	48262	45902	44246	43504	42794	41415	40035	38476	35689
		438	6880	8.26	27	49855	47542	45905	45178	44481	43138	41810	40392	37834

60 HXEM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
60HXEM6B	3/4	226	3550	0.62	9.9	21101	18304	15628	13454	10781							
		232	3644	0.68	10.4	21661	18936	16322	14588	11805							
		242	3801	0.76	11.1	22594	19982	17445	16146	13627							
		248	3896	0.82	11.6	23155	20606	18106	16918	14824	10364						
60HXEM7B	1	256	4021	0.90	12.2	23902	21433	18993	17859	16298	11657						
		264	4147	1.00	12.9	24648	22255	19881	18771	17530	12949						
		272	4273	1.09	13.5	25395	23073	20763	19663	18572	14372						
		282	4430	1.20	14.4	26329	24090	21855	20767	19744	16223	12359					
60HXEM8B	1-1/2	292	4587	1.35	15.2	27263	25101	22939	21878	20877	18194	13956					
		302	4744	1.50	16.1	28196	26107	24013	22982	21985	19829	15687	12381				
		314	4932	1.65	17.2	29317	27308	25291	24295	23314	21436	17889	14350				
		322	5058	1.82	18.0	30064	28105	26138	25164	24202	22380	19501	15633				
60HXEM9B	2	332	5215	1.99	18.8	30997	29099	27189	26242	25305	23525	21291	17397				
		344	5404	2.18	19.9	32118	30286	28443	27526	26617	24866	23072	19602	14915			
		356	5592	2.42	21	33238	31469	29687	28800	27918	26190	24552	21984	16832			
60HXEM10B	3	368	5781	2.72	22	34358	32648	30924	30064	29209	27523	25941	24002	18875			
		382	6000	2.99	23	35666	34018	32358	31529	30703	29070	27512	25944	21430			
		394	6189	3.27	25	36786	35189	33580	32775	31973	30384	28834	27367	23813	16702		
		418	6566	3.98	27	39027	37523	36007	35248	34490	32984	31499	30087	27800	20572		
60HXEM11B	5	438	6880	4.52	29	40894	39459	38014	37289	36565	35124	33697	32297	30304	24176	18250	
		454	7131	5.00	30	42388	41004	39610	38911	38213	36819	35438	34074	32144	27308	20838	
		466	7320	5.51	32	43508	42161	40803	40122	39441	38083	36733	35399	33490	29521	22774	

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.

Data HXSL, HXSM 20



Prop Diameter - 20 inches
Prop Type - X.STREAM
Maximum MHP = 1
Maximum Frame = 145T
Maximum RPM - 1276 HXSL
 1462 HXSM
Tip Speed (FPM) = 5.24 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 12.5 sq. ft.
Intake Velocity (FPM) - (CFM/12.5)
Roof Opening Square - 27-1/2 inches
Matching Curb - RCG, RCA-30
Approx. Shipping Weight - 400 lbs.

20 HXSL

Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
20HXSL2B	1/6	700	3673	0.14	12.1	3624	3355	2764	2429					
		725	3804	0.15	12.9	3754	3502	2942	2648	2076				
		755	3961	0.17	13.9	3909	3675	3153	2886	2545				
		770	4040	0.18	14.3	3987	3760	3257	2998	2690				
20HXSL3B	1/4	800	4197	0.20	15.3	4142	3929	3483	3214	2948				
		830	4355	0.23	16.4	4297	4096	3709	3426	3184	2301			
		860	4512	0.25	17.4	4453	4262	3923	3636	3404	2786			
		880	4617	0.27	18.1	4556	4372	4058	3782	3547	3020			
20HXSL4B	1/3	910	4774	0.30	19.2	4712	4536	4254	4013	3759	3290			
		935	4905	0.33	20	4841	4672	4411	4198	3933	3495	2663		
		965	5063	0.36	21	4996	4834	4595	4409	4150	3726	3164		
20HXSL5B	1/2	995	5220	0.40	22	5152	4996	4774	4611	4382	3945	3481		
		1040	5456	0.45	24	5385	5238	5037	4899	4711	4264	3865	3204	
		1075	5640	0.50	25	5566	5425	5238	5114	4952	4509	4137	3672	
		1110	5824	0.55	26	5747	5611	5436	5323	5181	4760	4393	3991	
20HXSL6B	3/4	1140	5981	0.60	27	5902	5771	5605	5500	5371	4991	4607	4239	3194
		1195	6270	0.68	30	6187	6064	5910	5818	5707	5398	4993	4660	4036
		1230	6453	0.75	31	6368	6249	6103	6016	5915	5641	5240	4913	4366
		1270	6663	0.82	33	6575	6460	6323	6241	6148	5907	5545	5196	4703

20 HXSM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
20HXSM2B	1/6	800	4197	0.13	14.9	3149	2935	2679	2476	2156	1672						
		845	4433	0.15	16.4	3326	3125	2893	2747	2474	1979	1370					
		880	4617	0.17	17.6	3464	3271	3055	2925	2738	2201	1737					
		900	4722	0.18	18.2	3542	3355	3145	3023	2867	2333	1913					
20HXSM3B	1/4	930	4879	0.20	19.3	3660	3479	3280	3166	3032	2532	2118	1546				
		970	5089	0.23	21	3818	3645	3457	3352	3233	2811	2371	1960				
		1000	5246	0.25	22	3936	3768	3588	3489	3379	3046	2567	2196				
		1025	5378	0.27	23	4034	3871	3696	3601	3497	3220	2732	2361	1580			
20HXSM4B	1/3	1060	5561	0.30	24	4172	4014	3847	3757	3660	3428	2967	2581	1946			
		1095	5745	0.33	25	4310	4157	3996	3911	3819	3609	3228	2809	2285			
		1130	5928	0.36	27	4448	4300	4145	4063	3977	3783	3492	3040	2535			
20HXSM5B	1/2	1165	6112	0.40	28	4585	4442	4293	4215	4132	3951	3721	3276	2760			
		1210	6348	0.45	30	4762	4625	4482	4407	4330	4162	3963	3619	3047	2097		
		1255	6584	0.50	32	4940	4807	4670	4599	4525	4368	4188	3941	3344	2556		
		1295	6794	0.55	34	5097	4969	4837	4768	4698	4548	4381	4181	3612	2862		
20HXSM6B	3/4	1335	7004	0.60	35	5254	5130	5002	4936	4869	4726	4570	4389	3904	3123	2156	
		1390	7293	0.68	38	5471	5352	5229	5167	5102	4968	4824	4662	4319	3471	2733	
		1435	7529	0.75	40	5648	5533	5414	5354	5292	5164	5027	4877	4602	3767	3112	2100
		1460	7660	0.79	41	5746	5633	5517	5458	5397	5272	5139	4995	4739	3933	3281	2337

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

24 HXSL, HXSM Data

Prop Diameter - 24 inches

Prop Type - X.STREAM

Maximum MHP = 1.5

Maximum Frame = 182T

Maximum RPM - 1126 HXSL

1400 HXSM

Tip Speed (FPM) = 6.28 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

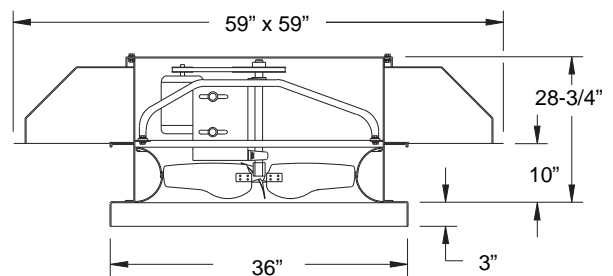
Intake Area - 14.9 sq. ft.

Intake Velocity (FPM) - (CFM/14.9)

Roof Opening Square - 31-1/2 inches

Matching Curb - RCG, RCA-34

Approx. Shipping Weight - 480 lbs.



24 HXSL

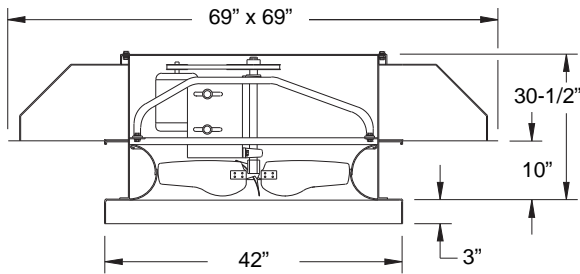
Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
24HXSL2B	1/6	550	3456	0.14	9.7	4597	4170	3425	2653	2160				
		570	3581	0.15	10.3	4764	4354	3758	3045	2416				
		595	3738	0.17	11.1	4973	4583	4088	3482	2770				
		605	3801	0.18	11.4	5056	4673	4202	3649	2954				
24HXSL3B	1/4	630	3958	0.20	12.2	5265	4899	4467	4090	3436				
		655	4115	0.23	13.0	5474	5123	4722	4445	3868	2750			
		675	4241	0.25	13.7	5641	5301	4920	4682	4220	3002			
		690	4335	0.27	14.2	5767	5435	5067	4844	4478	3251			
24HXSL4B	1/3	720	4524	0.30	15.3	6017	5700	5355	5155	4900	3834	2920		
		740	4650	0.33	16.0	6184	5876	5544	5356	5136	4188	3170		
		760	4775	0.36	16.8	6352	6052	5731	5553	5350	4528	3438		
24HXSL5B	1/2	790	4964	0.40	17.9	6602	6314	6010	5844	5660	5060	3992	3215	
		820	5152	0.45	19.0	6853	6576	6285	6129	5960	5510	4554	3590	
		850	5341	0.50	20	7104	6836	6558	6411	6253	5879	5067	4072	
		875	5498	0.55	21	7313	7053	6785	6643	6493	6151	5514	4568	3487
24HXSL6B	3/4	900	5655	0.60	22	7522	7269	7009	6873	6730	6411	5923	5019	3804
		940	5906	0.68	24	7856	7615	7367	7239	7105	6814	6455	5698	4366
		970	6095	0.75	25	8107	7873	7634	7511	7383	7109	6788	6239	4939
		1000	6283	0.82	26	8357	8131	7900	7781	7659	7399	7104	6690	5502
24HXSL7B	1	1035	6503	0.90	27	8650	8431	8209	8094	7978	7732	7460	7132	6105
		1080	6786	1.00	29	9026	8816	8604	8495	8385	8154	7904	7621	6899
		1120	7037	1.10	31	9360	9158	8954	8849	8744	8525	8291	8033	7506

24 HXSM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
24HXSM2B	1/6	725	4555	0.15	13.7	4236	3909	3573	3346	3054	2320	1705	1088				
		755	4744	0.17	14.7	4411	4097	3780	3588	3325	2715	2059	1422				
		770	4838	0.18	15.3	4499	4190	3881	3704	3458	2902	2201	1577				
24HXSM3B	1/4	795	4995	0.20	16.2	4645	4346	4049	3886	3672	3148	2432	1878	986			
		830	5215	0.23	17.4	4849	4562	4280	4130	3953	3463	2846	2284	1441			
		855	5372	0.25	18.3	4995	4716	4443	4300	4144	3687	3174	2517	1702			
24HXSM4B	1/3	880	5529	0.27	19.2	5141	4870	4605	4468	4321	3913	3436	2753	1985			
		910	5718	0.30	20	5317	5053	4798	4667	4529	4173	3713	3128	2363			
		940	5906	0.33	22	5492	5237	4990	4864	4733	4419	3978	3518	2667	1457		
24HXSM5B	1/2	970	6095	0.36	23	5667	5419	5180	5059	4934	4655	4250	3821	2945	1786		
		1000	6283	0.40	24	5843	5602	5369	5253	5133	4876	4516	4095	3267	2098		
		1035	6503	0.45	25	6047	5814	5589	5477	5363	5121	4812	4404	3733	2535	1404	
		1080	6786	0.50	27	6310	6086	5870	5763	5654	5429	5170	4812	4229	3029	1950	
24HXSM6B	3/4	1115	7006	0.55	28	6514	6297	6088	5984	5880	5664	5430	5115	4551	3353	2314	
		1145	7194	0.60	29	6690	6478	6274	6173	6071	5863	5641	5362	4817	3653	2678	1701
		1190	7477	0.68	31	6953	6748	6552	6454	6357	6159	5951	5716	5224	4243	3219	2209
		1235	7760	0.75	33	7216	7018	6828	6735	6641	6451	6255	6044	5620	4768	3642	2685
24HXSM7B	1	1270	7980	0.82	35	7420	7228	7043	6952	6860	6677	6488	6288	5913	5097	3971	3135
		1305	8200	0.90	36	7625	7437	7257	7168	7079	6901	6719	6528	6193	5412	4401	3540
		1355	8514	1.00	38	7917	7736	7562	7476	7391	7219	7046	6866	6575	5858	5056	4009
		1400	8796	1.10	41	8180	8005	7835	7752	7669	7504	7337	7165	6892	6263	5514	4445

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

Data HXSL, HXSM 30



Prop Diameter - 30 inches
Prop Type - X.STREAM
Maximum MHP = 3
Maximum Frame = 184T
Maximum RPM - 932 HXSL
 1184 HXSM
Tip Speed (FPM) = 7.85 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 20.5 sq. ft.
Intake Velocity (FPM) - (CFM/20.5)
Roof Opening Square - 37-1/2 inches
Matching Curb - RCG, RCA-40
Approx. Shipping Weight - 560 lbs.

30 HXSL

Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
30HXSL3B	1/4	390	3063	0.17	7.0	6339	5222	3424	2610					
		415	3259	0.20	7.8	6745	5977	4262	3291					
		435	3416	0.23	8.5	7070	6424	4760	3794	3131				
		445	3495	0.25	8.9	7233	6628	4991	4157	3379				
		455	3574	0.27	9.3	7396	6825	5209	4516	3615				
30HXSL4B	1/3	475	3731	0.30	10.0	7721	7205	5620	5047	4104				
		490	3848	0.33	10.7	7964	7482	5923	5407	4648				
		500	3927	0.36	11.1	8127	7663	6124	5635	4992	3549			
30HXSL5B	1/2	520	4084	0.40	12.0	8452	8021	6529	6057	5521	4047			
		540	4241	0.45	12.7	8777	8373	6992	6464	5998	4519			
		560	4398	0.50	13.5	9102	8722	7687	6867	6437	5150	3999		
30HXSL6B	3/4	575	4516	0.54	14.2	9346	8981	8148	7170	6745	5695	4374		
		595	4673	0.60	14.9	9671	9324	8644	7589	7150	6237	4844		
		620	4869	0.68	15.9	10077	9751	9185	8379	7654	6844	5533	4550	
		640	5027	0.75	16.7	10403	10091	9585	9030	8061	7295	6269	5031	
30HXSL7B	1	660	5184	0.82	17.6	10728	10428	9970	9545	8522	7708	6839	5501	
		685	5380	0.91	18.7	11134	10848	10434	10098	9385	8215	7460	6275	4870
		705	5537	1.00	19.6	11459	11184	10799	10507	10000	8618	7923	7000	5375
		725	5694	1.08	20	11784	11519	11158	10899	10502	9022	8353	7544	5846
30HXSL8B	1-1/2	755	5930	1.22	22	12272	12021	11689	11465	11160	9654	8966	8281	6623
		780	6126	1.35	23	12678	12437	12126	11926	11665	10444	9470	8851	7541
		810	6362	1.51	25	13166	12934	12647	12464	12242	11435	10076	9475	8420
		835	6558	1.65	26	13572	13349	13075	12909	12706	12077	10585	9982	9042
30HXSL9B	2	865	6794	1.82	27	14060	13845	13588	13434	13254	12742	11424	10587	9738
		895	7029	2.01	29	14547	14341	14099	13956	13792	13356	12469	11193	10375
		925	7265	2.20	31	15035	14836	14606	14472	14321	13938	13293	11831	10987

30 HXSM

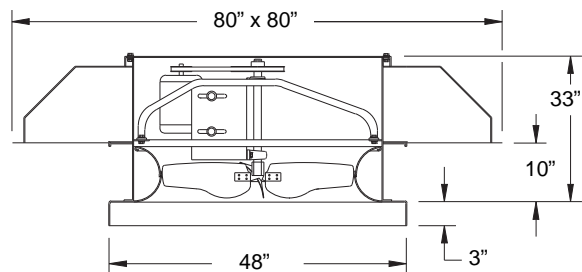
Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
30HXSM2B	1/6	475	3731	0.15	8.9	5515	4835	4012	3020	2648							
		495	3888	0.17	9.7	5748	5084	4427	3387	2938							
		510	4006	0.18	10.4	5922	5269	4685	3722	3154							
30HXSM3B	1/4	530	4163	0.20	11.2	6154	5515	4995	4457	3476							
		545	4280	0.23	11.7	6328	5699	5207	4790	3767	3006						
		565	4437	0.25	12.5	6560	5943	5475	5151	4290	3298						
30HXSM4B	1/3	580	4555	0.27	13.0	6734	6125	5672	5394	4866	3513						
		600	4712	0.31	13.7	6967	6368	5931	5692	5305	3808	3217					
		615	4830	0.33	14.2	7141	6550	6123	5899	5576	4069	3445					
30HXSM5B	1/2	635	4987	0.36	14.9	7373	6792	6377	6165	5903	4471	3735					
		660	5184	0.41	15.8	7663	7093	6691	6492	6275	5275	4095	3567				
		680	5341	0.45	16.6	7896	7334	6941	6749	6547	5866	4412	3866				
30HXSM6B	3/4	710	5576	0.50	17.8	8244	7695	7313	7130	6943	6437	5000	4298				
		730	5733	0.54	18.7	8476	7935	7559	7382	7202	6765	5562	4588				
		750	5890	0.60	19.6	8708	8174	7805	7632	7458	7071	6316	4925	4171			
30HXSM7B	1	785	6165	0.68	21	9115	8593	8233	8067	7902	7557	7042	5642	4679			
		815	6401	0.75	23	9463	8952	8599	8437	8279	7954	7545	6716	5112			
		840	6597	0.81	24	9753	9250	8903	8744	8590	8278	7927	7335	5533			
30HXSM8B	1-1/2	855	6715	0.90	25	9928	9428	9085	8928	8776	8471	8142	7624	5819	4650		
		890	6990	1.00	26	10334	9846	9508	9356	9208	8917	8613	8221	6655	5167		
		925	7265	1.10	28	10740	10263	9931	9781	9638	9358	9072	8753	7895	5669		
30HXSM9B	2	950	7461	1.24	30	11031	10560	10232	10085	9944	9671	9395	9101	8413	6041	5108	
		985	7736	1.36	32	11437	10975	10652	10509	10371	10106	9842	9568	9029	6674	5631	
		1025	8050	1.51	34	11901	11450	11133	10992	10857	10600	10347	10090	9654	7592	6206	
30HXSM9B	2	1045	8207	1.65	36	12134	11688	11373	11233	11100	10846	10598	10348	9942	8400	6495	5662
		1085	8522	1.81	38	12598	12162	11851	11714	11584	11336	11097	10858	10482	9480	7153	6255
		1130	8875	2.01	40	13121	12695	12390	12255	12128	11886	11654	11425	11074	10302	8073	6902
30HXSM9B	2	1165	9150	2.18	42	13527	13108	12808	12675	12549	12311	12085	11863	11526	10865	9252	7421

Performance shown is for installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

36 HXSL, HXSM Data

Prop Diameter - 36 inches
Prop Type - X.STREAM
Maximum MHP = 3
Maximum Frame = 215T
Maximum RPM - 720 HXSL
864 HXSM
Tip Speed (FPM) = 9.42 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 28 sq. ft.
Intake Velocity (FPM) - (CFM/28)
Roof Opening Square - 43-1/2 inches
Matching Curb - RCG, RCA-46
Approx. Shipping Weight - 780 lbs.



36 HXSL

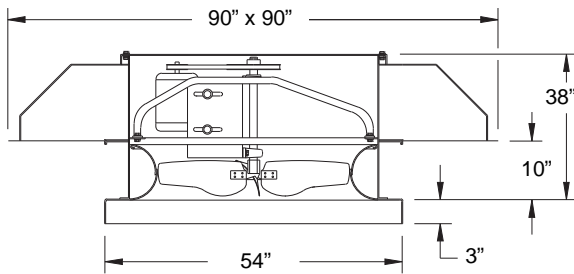
Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
36HXSL4B	1/3	350	3299	0.27	8.3	9676	8864	5892	4519					
		365	3440	0.31	9.0	10091	9347	6768	5254	3897				
		375	3534	0.33	9.5	10368	9661	7406	5743	4502				
		385	3629	0.36	10.0	10644	9970	7995	6255	5030				
36HXSL5B	1/2	400	3770	0.40	10.9	11059	10428	8770	7061	5763				
		415	3911	0.45	11.6	11473	10880	9471	8011	6505				
		430	4053	0.50	12.5	11888	11326	10166	8915	7288	5026			
		445	4194	0.55	13.4	12303	11769	10782	9697	8159	5830			
36HXSL6B	3/4	460	4335	0.61	14.2	12718	12210	11342	10405	9116	6564			
		475	4477	0.67	15.1	13132	12646	11868	11109	9981	7298	5273		
		490	4618	0.74	15.9	13547	13080	12372	11756	10746	8069	6134		
		505	4760	0.81	16.6	13962	13514	12862	12339	11448	8878	6888		
36HXSL7B	1	525	4948	0.91	17.5	14515	14090	13497	13061	12380	10137	7855	6059	
		540	5089	0.99	18.1	14929	14519	13962	13573	13008	11057	8615	6887	
		555	5231	1.08	18.9	15344	14947	14424	14068	13584	11868	9402	7633	
36HXSL8B	1-1/2	575	5419	1.20	19.8	15897	15517	15028	14711	14304	12847	10565	8600	
		600	5655	1.36	21	16588	16228	15778	15494	15149	14014	12143	9876	7506
		620	5843	1.51	22	17141	16796	16369	16111	15800	14878	13242	10957	8510
		640	6032	1.64	23	17694	17361	16958	16716	16436	15653	14228	12224	9476
36HXSL9B	2	660	6220	1.80	25	18247	17925	17543	17318	17058	16376	15152	13463	10481
		680	6409	1.98	26	18800	18488	18123	17912	17674	17065	16079	14549	11529
		705	6644	2.20	27	19491	19192	18847	18649	18429	17892	17102	15770	12989

36 HXSM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
36HXSMB3B	1/4	375	3534	0.18	8.2	8059	6934	4687	3529								
		385	3629	0.20	8.7	8274	7185	5037	3922								
		405	3817	0.23	9.5	8704	7679	6117	4744	3672							
		415	3911	0.25	10.0	8919	7923	6554	5092	4013							
		425	4006	0.27	10.5	9134	8164	6895	5439	4437							
36HXSMB4B	1/3	440	4147	0.30	11.3	9456	8524	7366	6073	5067							
		455	4288	0.33	12.0	9779	8880	7807	6952	5592							
		470	4430	0.36	12.8	10101	9234	8228	7536	6115	4318						
36HXSMB5B	1/2	490	4618	0.41	13.8	10531	9702	8766	8177	7147	5091						
		505	4760	0.45	14.6	10853	10051	9159	8622	7908	5735						
		525	4948	0.50	15.5	11283	10514	9672	9186	8589	6443	4812					
		540	5089	0.54	16.2	11606	10858	10050	9592	9055	6965	5354					
36HXSMB6B	3/4	560	5278	0.61	17.2	12035	11316	10546	10120	9640	7891	6218					
		580	5466	0.68	18.1	12465	11772	11037	10636	10196	9004	6963	5435				
		600	5655	0.75	19.1	12895	12226	11521	11142	10733	9716	7656	6230				
		615	5796	0.81	19.9	13218	12565	11881	11517	11127	10195	8201	6877				
36HXSMB7B	1	640	6032	0.91	21	13755	13128	12477	12133	11769	10941	9652	7788	5793			
		660	6220	0.99	22	14185	13578	12949	12620	12274	11506	10496	8482	6500			
		680	6409	1.09	23	14614	14026	13418	13102	12772	12052	11160	9311	7364			
36HXSMB8B	1-1/2	705	6644	1.21	25	15152	14584	14001	13699	13387	12714	11925	10775	8341			
		730	6880	1.34	26	15689	15142	14581	14291	13994	13361	12645	11738	9208			
		760	7163	1.51	28	16334	15808	15272	14996	14714	14120	13467	12694	10395	7417		
		780	7351	1.64	29	16764	16252	15730	15463	15190	14619	13999	13289	11610	8277		
36HXSMB9B	2	805	7587	1.81	31	17301	16805	16301	16043	15781	15236	14650	14000	12740	9311		
		835	7870	2.01	33	17946	17468	16983	16736	16485	15966	15416	14818	13738	10357	7772	
		860	8105	2.20	35	18483	18019	17549	17310	17068	16569	16044	15481	14503	11232	8731	

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

Data **HXSL, HXSM 42**



Prop Diameter - 42 inches
Prop Type - X.STREAM
Maximum MHP = 5
Maximum Frame = 215T
Maximum RPM - 610 HXSL
 718 HXSM
Tip Speed (FPM) = 11.0 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 35.5 sq. ft.
Intake Velocity (FPM) - (CFM/35.5)
Roof Opening Square - 49-1/2 inches
Matching Curb - RCG, RCA-52
Approx. Shipping Weight - 1020 lbs.

42 HXSL

Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
42HXSL7B	1	398	4376	0.78	18.0	16813	15972	14826	13963					
		420	4618	0.91	19.6	17742	16955	15935	15245					
		434	4772	0.99	21	18334	17577	16621	16003					
		448	4926	1.10	22	18925	18198	17296	16732	16017				
42HXSL8B	1-1/2	462	5080	1.20	23	19517	18814	17961	17440	16806				
		482	5300	1.36	24	20362	19693	18898	18427	17875				
		500	5498	1.51	26	21122	20482	19732	19296	18798				
		512	5630	1.65	27	21629	21006	20282	19867	19398	18183			
42HXSL9B	2	528	5806	1.80	28	22305	21703	21013	20621	20185	19103			
		548	6026	2.00	30	23150	22572	21918	21553	21151	20191			
		562	6180	2.19	31	23741	23179	22549	22198	21817	20923	19693		
42HXSL10B	3	582	6399	2.42	33	24586	24046	23444	23114	22757	21941	20887		
		604	6641	2.69	35	25515	24997	24424	24113	23781	23031	22108		
		610	6707	2.76	36	25769	25256	24691	24384	24057	23323	22430		

42 HXSM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
42HXSM3B	1/4	260	2859	0.17	7.9	9133	7403	4399	2271								
		280	3079	0.20	9.0	9835	8304	5506	4299								
		292	3211	0.23	9.7	10257	8820	6375	4986								
		300	3299	0.25	10.3	10538	9157	6885	5398	4184							
		308	3387	0.27	10.8	10819	9489	7352	5823	4798							
42HXSM4B	1/3	320	3519	0.30	11.7	11240	9979	8020	6655	5469							
		332	3651	0.33	12.5	11662	10462	8678	7492	6087							
		336	3695	0.34	12.8	11802	10622	8891	7733	6300							
42HXSM5B	1/2	352	3870	0.40	14.1	12364	11253	9712	8650	7397	5281						
		366	4024	0.45	15.2	12856	11799	10390	9420	8347	6132						
		378	4156	0.51	16.0	13278	12262	10943	10064	9049	6753	4391					
		390	4288	0.55	16.8	13699	12722	11481	10681	9718	7389	5630					
42HXSM6B	3/4	402	4420	0.60	17.7	14121	13178	12005	11273	10378	8215	6466					
		418	4596	0.68	18.8	14683	13783	12687	12025	11230	9356	7313	5313				
		432	4750	0.75	19.8	15174	14309	13271	12657	11939	10192	8034	6534				
		446	4904	0.82	21	15666	14832	13847	13272	12618	10983	8935	7390				
42HXSM7B	1	462	5080	0.90	22	16228	15428	14494	13959	13360	11864	10102	8221				
		476	5234	1.00	23	16720	15946	15054	14548	13988	12618	10985	8956	6758			
		492	5410	1.10	24	17282	16536	15686	15210	14688	13445	11908	10036	7898			
42HXSM8B	1-1/2	508	5586	1.20	26	17844	17125	16312	15861	15372	14236	12793	11202	8753			
		530	5828	1.35	28	18617	17930	17165	16744	16292	15269	13992	12535	9890			
		544	5982	1.50	29	19108	18442	17702	17299	16867	15901	14723	13327	10786	7300		
		562	6180	1.64	30	19741	19097	18389	18006	17598	16694	15625	14318	12095	8737		
42HXSM9B	2	582	6399	1.81	32	20443	19824	19147	18783	18399	17555	16583	15402	13396	9869		
		598	6575	2.02	34	21005	20404	19751	19400	19032	18230	17318	16234	14326	10694	6987	
		618	6795	2.19	36	21708	21127	20500	20166	19816	19060	18212	17232	15439	11767	9009	
42HXSM10B	3	638	7015	2.40	38	22410	21849	21247	20927	20594	19878	19084	18187	16539	13163	10357	
		660	7257	2.70	40	23183	22642	22064	21759	21441	20764	20021	19194	17708	14735	11515	8296
		688	7565	3.01	43	24167	23649	23099	22810	22511	21877	21189	20433	19122	16399	12981	10680
		710	7807	3.29	46	24939	24439	23909	23631	23345	22741	22089	21381	20179	17630	14475	11940

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

48 HXSL, HXSM Data

Prop Diameter - 48 inches

Prop Type - X.STREAM

Maximum MHP = 5

Maximum Frame = 254T

Maximum RPM - 516 HXSL

598 HXSM

Tip Speed (FPM) = 12.57 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

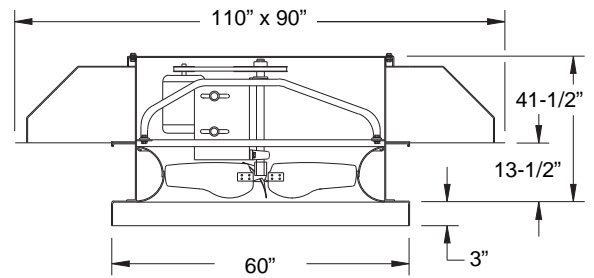
Intake Area - 43.2 sq. ft.

Intake Velocity (FPM) - (CFM/43.2)

Roof Opening Square - 55-1/2 inches

Matching Curb - RCG, RCA-58

Approx. Shipping Weight - 1110 lbs.



48 HXSL

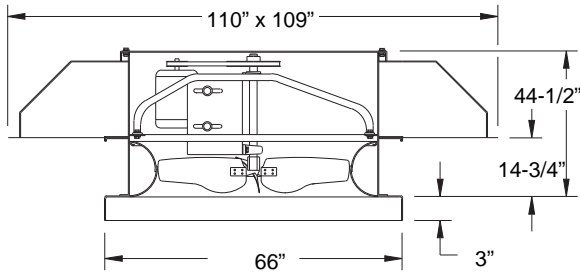
Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
48HXS L 5B	1/2	248	3116	0.37	9.9	14830	12516	8131	6039					
		254	3192	0.40	10.4	15189	13042	8813	6791					
		264	3318	0.45	11.3	15787	13867	9936	7805					
		274	3443	0.50	12.3	16385	14640	10882	8753	6929				
		282	3544	0.55	13.0	16864	15233	11588	9626	7840				
48HXS L 6B	3/4	290	3644	0.60	13.8	17342	15808	12280	10540	8627				
		302	3795	0.67	14.9	18060	16648	13321	11774	9773				
		312	3921	0.74	15.8	18658	17329	14224	12668	10899				
		322	4046	0.82	16.8	19256	17999	15122	13538	12025	8670			
48HXS L 7B	1	334	4197	0.91	17.9	19973	18793	16183	14570	13186	9879			
		346	4348	1.01	18.8	20691	19575	17270	15648	14247	11017			
		356	4474	1.10	19.5	21289	20222	18167	16549	15111	12095	9228		
48HXS L 8B	1-1/2	366	4599	1.20	20	21887	20863	19015	17440	15971	13239	10318		
		382	4800	1.36	21	22844	21882	20288	18860	17410	14893	11859		
		394	4951	1.49	22	23561	22639	21190	19957	18488	15967	13066	10578	
		406	5102	1.64	23	24279	23395	22062	20993	19551	17012	14438	11803	
48HXS L 9B	2	420	5278	1.82	24	25116	24272	23050	22130	20804	18214	15983	13137	
		434	5454	2.00	25	25953	25143	24015	23206	22073	19463	17275	14584	11054
		446	5605	2.17	26	26671	25889	24830	24094	23100	20546	18333	15958	12409
48HXS L 10B	3	462	5806	2.42	28	27628	26881	25895	25242	24392	21975	19715	17699	13971
		480	6032	2.70	30	28704	27992	27077	26494	25765	23557	21287	19331	15717
		496	6233	2.99	32	29661	28975	28118	27581	26931	25032	22733	20728	17540
		512	6434	3.29	34	30618	29957	29145	28650	28064	26424	24166	22103	19324

48 HXSM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
48HXSM4B	1/3	258	3242	0.27	9.3	12243	10597	6561	5194								
		268	3368	0.30	10.2	12718	11201	7284	6031								
		280	3519	0.33	11.2	13287	11895	8318	6803								
		284	3569	0.36	11.6	13477	12121	8678	7054	5827							
48HXSM5B	1/2	296	3720	0.40	12.6	14047	12787	9758	7859	6767							
		310	3896	0.45	13.9	14711	13544	11006	9024	7658							
		322	4046	0.50	14.9	15281	14180	12023	10104	8438							
		326	4097	0.55	15.2	15470	14391	12339	10465	8745	6535						
48HXSM6B	3/4	338	4247	0.60	16.3	16040	15016	13223	11541	9744	7561						
		356	4474	0.68	17.4	16894	15943	14430	13116	11363	8720						
		366	4599	0.77	18.0	17369	16453	15057	13913	12263	9350	7461					
		374	4700	0.82	18.5	17748	16860	15542	14506	12971	9909	8168					
48HXSM7B	1	388	4876	0.90	19.4	18413	17566	16366	15479	14203	11051	9116					
		400	5027	1.01	20	18982	18168	17049	16260	15169	12126	9873	8078				
		412	5177	1.09	21	19551	18769	17718	17007	16057	13205	10638	9119				
48HXSM8B	1-1/2	428	5378	1.20	22	20311	19563	18592	17960	17152	14639	11865	10175				
		446	5605	1.33	23	21165	20454	19557	18993	18302	16228	13449	11308				
		458	5755	1.50	24	21734	21047	20192	19664	19032	17213	14526	12132	10000			
		474	5956	1.64	26	22494	21834	21028	20542	19974	18416	15965	13432	11088			
48HXSM9B	2	492	6183	1.80	28	23348	22715	21960	21512	21000	19660	17566	15040	12224			
		512	6434	2.00	30	24297	23693	22983	22572	22109	20947	19240	16840	13560			
		518	6509	2.19	30	24582	23986	23289	22887	22435	21318	19706	17379	14027	10591		
48HXSM10B	3	536	6736	2.40	33	25436	24863	24201	23824	23408	22403	21019	18979	15546	12061		
		562	7062	2.70	36	26670	26128	25509	25163	24787	23903	22759	21165	17887	13732		
		578	7263	3.04	38	27429	26904	26310	25979	25622	24799	23764	22372	19328	14739	11726	
		596	7490	3.30	40	28283	27775	27206	26893	26556	25790	24853	23635	20926	16029	13261	

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

Data HXSL, HXSM 54



Prop Diameter - 54 inches
Prop Type - X.STREAM
Maximum MHP = 5
Maximum Frame = 256T
Maximum RPM - 478 HXSL
 522 HXSM
Tip Speed (FPM) = 14.14 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 54.3 sq. ft.
Intake Velocity (FPM) - (CFM/54.3)
Roof Opening Square - 61-1/2 inches
Matching Curb - RCG, RCA-64
Approx. Shipping Weight - 1235 lbs.

54 HXSL

Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
54HXSL6B	3/4	220	3110	0.58	8.8	19543	16609	12216	9927	7902				
		232	3280	0.68	9.7	20609	17943	14195	11594	9649				
		240	3393	0.75	10.4	21320	18808	15300	12754	10740				
		246	3478	0.81	10.9	21853	19446	16022	13664	11550				
54HXSL7B	1	256	3619	0.91	11.9	22741	20490	17179	15337	12966	9430			
		264	3732	1.00	12.6	23452	21310	18081	16548	14133	10597			
		272	3845	1.09	13.4	24163	22119	18969	17551	15390	11707			
		282	3987	1.21	14.4	25051	23117	20111	18725	17052	13058	9872		
54HXSL8B	1-1/2	292	4128	1.35	15.3	25939	24104	21286	19861	18499	14457	11394		
		302	4269	1.50	16.3	26828	25078	22446	20975	19707	15901	12801		
		312	4411	1.65	17.2	27716	26047	23587	22102	20866	17420	14157	11313	
		322	4552	1.81	18.2	28604	27005	24704	23275	21995	19104	15530	12788	
54HXSL9B	2	332	4694	1.99	19.1	29493	27958	25799	24443	23107	20661	16957	14184	
		342	4835	2.18	20	30381	28906	26875	25595	24237	21953	18421	15538	11500
		354	5005	2.41	21	31447	30035	28141	26952	25646	23373	20354	17191	13430
		368	5202	2.71	22	32690	31349	29589	28498	27275	24970	22623	19201	15420
54HXSL10B	3	380	5372	2.98	23	33756	32467	30811	29794	28648	26310	24256	20987	17053
		392	5542	3.27	24	34822	33580	32017	31066	29994	27651	25691	23006	18687
		420	5938	4.03	26	37310	36169	34777	33957	33036	30924	28876	27024	22729
		436	6164	4.50	28	38731	37638	36330	35568	34720	32763	30653	28908	25341
54HXSL11B	5	454	6418	5.03	30	40330	39287	38059	37354	36577	34784	32755	30952	28201
		470	6644	5.50	32	41751	40749	39585	38923	38198	36538	34624	32732	30265

54 HXSM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
54HXSM5B	1/2	220	3110	0.51	9.2	17571	15251	10086	8185	6076							
		228	3223	0.55	9.8	18210	16066	11170	9138	7255							
54HXSM6B	3/4	238	3365	0.60	10.6	19009	17041	12512	10311	8589							
		246	3478	0.65	11.3	19648	17798	13492	11281	9567							
		250	3534	0.75	11.6	19967	18171	13975	11818	10038	6373						
		260	3676	0.82	12.6	20766	19085	15179	13185	11210	7915						
54HXSM7B	1	272	3845	0.90	13.7	21724	20161	16773	14715	12695	9552						
		276	3902	1.02	14.1	22044	20516	17343	15201	13237	10068	6545					
		284	4015	1.09	14.9	22683	21218	18436	16165	14333	11040	7841					
54HXSM8B	1-1/2	298	4213	1.21	16.3	23801	22436	20147	17876	16125	12684	9867					
		304	4298	1.36	16.8	24280	22952	20811	18738	16852	13391	10666	7446				
		318	4496	1.51	18.2	25398	24151	22274	20674	18538	15190	12400	9631				
		332	4694	1.65	19.5	26517	25338	23659	22391	20380	17103	14043	11551				
54HXSM9B	2	338	4778	1.87	20	26996	25844	24236	23062	21237	17871	14749	12327	8010			
		348	4920	2.01	21	27795	26687	25179	24130	22601	19093	15967	13541	9631			
		362	5118	2.19	22	28913	27857	26471	25551	24335	20780	17867	15186	11678			
54HXSM10B	3	380	5372	2.43	24	30350	29356	28095	27299	26305	23049	20239	17329	14047			
		390	5513	2.60	25	31149	30187	28986	28238	27334	24482	21458	18676	15249			
		398	5627	3.02	26	31788	30849	29688	28980	28133	25587	22424	19771	16190	10515		
54HXSM11B	5	414	5853	3.30	27	33066	32168	31087	30440	29687	27625	24352	21891	18068	12927		
		438	6192	4.06	30	34983	34142	33153	32580	31931	30292	27649	24806	21149	16124	10616	
		458	6475	4.51	32	36580	35782	34858	34332	33747	32330	30293	27228	23867	18511	13756	
		476	6729	4.88	34	38018	37255	36380	35889	35355	34083	32396	29750	26081	20621	16249	
		486	6871	5.50	35	38817	38071	37224	36749	36234	35033	33477	31143	27289	21812	17555	12645

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

Technical drawing of the 121 x 119 inch unit. The top view shows a rectangular unit with a width of 121 inches and a depth of 119 inches. The side view shows a unit with a total height of 44-1/2 inches. The base of the unit is 72 inches wide and 3 inches high. The unit is mounted on a base with a height of 14-3/4 inches. The unit is shown in a perspective view, highlighting its complex internal structure and mounting hardware.

Tip Speed (FPM) = 15.71 x RPM

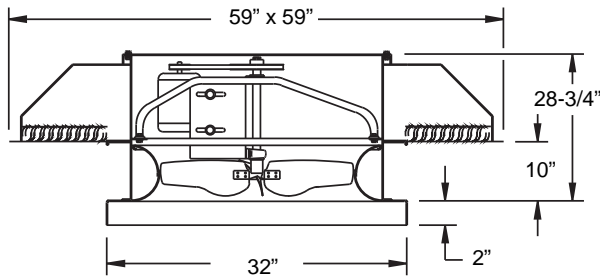
Approx. Shipping Weight - 1550 lbs.

Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
60HXS�6B	3/4	194	3047	0.75	9.3	24681	20588	15033	12800	10425				
		200	3142	0.82	9.8	25444	21472	16019	13851	11750				
60HXS�7B	1	208	3267	0.92	10.5	26462	22629	17288	15270	13231				
		214	3362	1.00	11.0	27225	23486	18238	16311	14277				
		220	3456	1.09	11.6	27988	24335	19197	17330	15336				
60HXS�8B	1-1/2	228	3581	1.21	12.4	29006	25457	20527	18608	16753	12975			
		236	3707	1.34	13.2	30024	26570	22221	19874	18138	14524			
		246	3864	1.52	14.2	31296	27950	24431	21468	19787	16295			
		252	3958	1.63	14.9	32060	28774	25630	22439	20739	17344	13851		
60HXS�9B	2	260	4084	1.80	15.7	33077	29867	26939	23992	22005	18769	15518		
		270	4241	2.01	16.7	34349	31227	28466	26226	23600	20513	17341		
		278	4367	2.19	17.6	35367	32312	29655	27923	24922	21873	18728	15630	
60HXS�10B	3	288	4524	2.44	18.6	36639	33661	31116	29701	26984	23474	20509	17598	
		298	4681	2.70	19.7	37912	35007	32553	31241	29220	25057	22265	19387	
		308	4838	2.98	21	39184	36348	33974	32739	31267	26645	23982	21128	16807
		318	4995	3.29	22	40456	37685	35380	34208	32926	28260	25611	22911	18922
60HXS�11B	5	340	5341	4.01	24	43255	40616	38439	37367	36249	32834	29098	26708	22855
		354	5561	4.53	26	45036	42475	40366	39341	38294	35783	31347	28952	25344
		366	5749	5.01	27	46563	44064	42007	41018	40016	37835	33562	30851	27447
60HXS�12B	7-1/2	376	5906	5.43	28	47835	45385	43370	42405	41436	39374	35779	32440	29165
		390	6126	6.05	30	49616	47233	45269	44336	43406	41473	38843	34698	31451
		404	6346	6.71	31	51397	49078	47161	46255	45359	43526	41462	37431	33670
		420	6597	7.52	34	53433	51180	49314	48437	47573	45832	43963	41008	36208
		432	6786	8.17	35	54959	52753	50925	50066	49224	47540	45769	43520	38139

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure												
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75	
60HXSMB6	3/4	220	3456	0.59	12.4	21390	18914	14540	12079	10082								
		232	3644	0.68	13.5	22557	20269	16191	14255	11768								
		240	3770	0.75	14.3	23334	21155	17412	15426	13051								
		246	3864	0.83	14.9	23918	21813	18358	16261	14153	10517							
60HXSMB7	1	254	3990	0.90	15.8	24696	22680	19584	17359	15591	11637							
		264	4147	1.00	16.8	25668	23753	21005	18786	17052	13037							
		272	4273	1.10	17.7	26446	24604	22049	20048	18160	14192							
		280	4398	1.21	18.5	27224	25448	23054	21294	19257	15593	12451						
60HXSMB8	1-1/2	292	4587	1.36	19.8	28390	26707	24514	23058	21020	17784	14132						
		302	4744	1.53	21	29363	27746	25693	24380	22596	19291	15549	12980					
		310	4869	1.64	22	30140	28574	26619	25397	23823	20407	16878	14100					
		322	5058	1.82	23	31307	29811	27982	26870	25549	22056	19084	15780					
60HXSMB9	2	332	5215	1.99	24	32279	30836	29100	28063	26859	23459	20761	17211					
		340	5341	2.18	25	33057	31653	29982	28999	27873	24718	21899	18564	14838				
		354	5561	2.43	27	34418	33079	31510	30606	29587	26908	23836	21135	16801				
60HXSMB10	3	368	5781	2.72	28	35780	34497	33020	32179	31249	28974	25768	23361	18775				
		380	5969	2.99	30	36946	35709	34299	33507	32639	30579	27615	25039	20731				
		390	6126	3.30	31	37919	36718	35359	34602	33778	31857	29189	26414	22570	16773			
60HXSMB11	5	420	6597	4.04	35	40835	39729	38503	37831	37115	35503	33555	30840	27321	20978			
		434	6817	4.45	37	42197	41129	39954	39319	38640	37137	35360	33023	29253	23092			
		450	7069	5.01	40	43752	42726	41607	41002	40365	38966	37349	35386	31458	26000	20710		
		464	7288	5.46	42	45113	44121	43043	42468	41859	40538	39034	37270	33599	28510	22668		

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Data HXFL, HXFM 20



Prop Diameter - 20 inches
Prop Type - X.STREAM
Maximum MHP = 1
Maximum Frame = 145T
Maximum RPM - 1276 HXFL
 1462 HXFM
Tip Speed (FPM) = 5.24 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 16.3 sq. ft.
Intake Velocity (FPM) - (CFM/16.3)
Roof Opening Square - 27-1/2 inches
Matching Curb - RCG, RCA-30
Approx. Shipping Weight - 450 lbs.

20 HXFL

Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
20HXFL2B	1/6	700	3673	0.14	10.2	3570	3258	2800						
		725	3804	0.15	10.8	3697	3399	2987						
		760	3987	0.17	11.7	3876	3594	3229						
		770	4040	0.18	12.0	3927	3649	3295	3030					
20HXFL3B	1/4	795	4171	0.20	12.6	4054	3787	3455	3225					
		830	4355	0.23	13.6	4233	3979	3672	3477	3207				
		860	4512	0.25	14.5	4386	4142	3853	3678	3450				
		880	4617	0.27	15.1	4488	4250	3972	3807	3601				
20HXFL4B	1/3	915	4801	0.30	16.1	4666	4439	4177	4026	3849				
		935	4905	0.33	16.7	4768	4546	4293	4148	3983				
		975	5115	0.37	17.9	4972	4760	4522	4388	4240	3841			
20HXFL5B	1/2	1005	5273	0.40	18.9	5125	4920	4692	4565	4426	4075			
		1040	5456	0.45	20	5304	5106	4888	4769	4639	4329			
		1080	5666	0.50	21	5508	5318	5111	4999	4878	4601	4211		
		1115	5850	0.55	22	5686	5503	5304	5197	5083	4827	4491		
20HXFL6B	3/4	1145	6007	0.60	23	5839	5661	5469	5366	5257	5016	4714		
		1195	6270	0.68	25	6094	5924	5742	5645	5544	5322	5062	4711	
		1235	6479	0.75	26	6298	6134	5959	5866	5770	5561	5323	5022	
		1270	6663	0.82	28	6477	6317	6148	6059	5966	5768	5544	5276	

20 HXFM

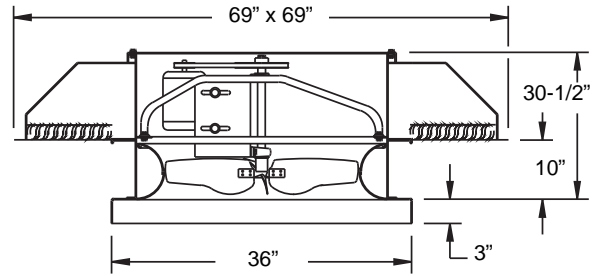
Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
20HXFM2B	1/6	800	4197	0.13	12.4	3114	2864	2582	2357	2104	1379						
		845	4433	0.15	13.8	3290	3053	2796	2632	2372	1783	1231					
		885	4643	0.17	15.1	3445	3220	2980	2840	2637	2177	1480	1082				
		900	4722	0.18	15.5	3504	3282	3048	2914	2732	2281	1579	1185				
20HXFM3B	1/4	930	4879	0.20	16.4	3621	3406	3182	3057	2908	2467	1840	1376				
		975	5115	0.23	17.9	3796	3591	3380	3266	3139	2734	2309	1658				
		1000	5246	0.25	18.6	3893	3694	3489	3379	3260	2902	2510	1841	1283			
		1025	5378	0.27	19.3	3990	3796	3597	3492	3378	3065	2668	2079	1446			
20HXFM4B	1/3	1060	5561	0.30	20	4127	3938	3747	3647	3540	3278	2878	2452	1663			
		1095	5745	0.33	21	4263	4081	3896	3800	3700	3471	3090	2746	1885			
		1125	5902	0.36	22	4380	4202	4023	3931	3834	3620	3291	2936	2121			
20HXFM5B	1/2	1165	6112	0.40	24	4535	4364	4192	4103	4012	3813	3545	3176	2529	1550		
		1215	6374	0.45	25	4730	4566	4401	4317	4231	4047	3834	3489	3005	1865		
		1255	6584	0.50	26	4886	4727	4567	4487	4404	4230	4034	3752	3266	2116		
		1295	6794	0.55	28	5041	4887	4733	4655	4576	4410	4227	3996	3506	2412	1683	
20HXFM6B	3/4	1335	7004	0.60	29	5197	5047	4898	4823	4746	4587	4416	4220	3744	2807	1940	
		1395	7319	0.68	32	5431	5287	5145	5073	5000	4851	4692	4518	4142	3408	2313	1680
		1435	7529	0.75	33	5587	5447	5308	5239	5168	5024	4873	4709	4391	3683	2586	1952
		1460	7660	0.79	34	5684	5547	5411	5342	5273	5132	4984	4826	4539	3837	2809	2110

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

24 HXFL, HXFM Data

Prop Diameter - 24 inches
Prop Type - X-STREAM
Maximum MHP = 1.5
Maximum Frame = 182T
Maximum RPM - 1126 HXFL
 1400 HXFM
Tip Speed (FPM) = 6.28 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 23.5 sq. ft.
Intake Velocity (FPM) - (CFM/23.5)
Roof Opening Square - 31-1/2 inches
Matching Curb - RCG, RCA-34
Approx. Shipping Weight - 525 lbs.



24 HXFL

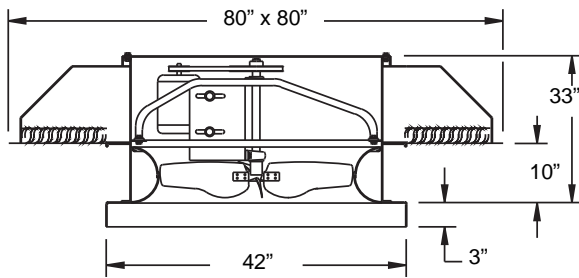
Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
24HXFL2B	1/6	575	3613	0.15	8.8	4773	4384	3804						
		595	3738	0.17	9.4	4939	4566	4058						
		605	3801	0.18	9.6	5022	4657	4171	3663					
24HXFL3B	1/4	625	3927	0.20	10.1	5188	4837	4387	3993					
		655	4115	0.23	11.0	5437	5104	4696	4413	3890				
		675	4241	0.25	11.5	5603	5282	4896	4647	4220				
		690	4335	0.27	11.9	5727	5414	5043	4811	4456				
24HXFL4B	1/3	720	4524	0.30	12.8	5976	5678	5332	5125	4865				
		745	4681	0.33	13.6	6184	5897	5569	5378	5152				
		765	4807	0.37	14.2	6350	6071	5756	5575	5368	4629			
24HXFL5B	1/2	785	4932	0.40	14.9	6516	6245	5942	5770	5576	4963			
		825	5184	0.45	16.1	6848	6591	6308	6151	5979	5537			
		845	5309	0.50	16.8	7014	6764	6490	6339	6176	5779	5013		
		875	5498	0.55	17.9	7263	7022	6760	6618	6466	6109	5506		
24HXFL6B	3/4	905	5686	0.60	18.9	7512	7280	7029	6894	6750	6424	5958		
		940	5906	0.68	20	7802	7579	7340	7213	7078	6779	6407	5719	
		975	6126	0.75	21	8093	7878	7650	7529	7402	7124	6795	6289	
		1005	6315	0.82	22	8342	8134	7914	7798	7677	7414	7112	6710	
24HXFL7B	1	1030	6472	0.88	23	8550	8347	8133	8021	7904	7653	7369	7022	
		1070	6723	1.00	25	8882	8687	8482	8375	8265	8029	7768	7465	6717
		1105	6943	1.09	26	9172	8984	8787	8684	8578	8355	8110	7833	7249

24 HXFM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
24HXFM2B	1/6	700	4398	0.14	10.8	4081	3734	3326	3089	2787	2074	1499					
		725	4555	0.15	11.4	4226	3893	3507	3287	3028	2358	1727					
		755	4744	0.17	12.3	4401	4083	3720	3515	3287	2669	2003	1520				
		770	4838	0.18	12.7	4489	4177	3824	3626	3409	2821	2170	1672				
24HXFM3B	1/4	795	4995	0.20	13.4	4634	4334	3996	3809	3606	3082	2465	1899				
		830	5215	0.23	14.4	4838	4552	4234	4059	3873	3430	2839	2226				
		855	5372	0.25	15.2	4984	4707	4401	4235	4057	3655	3094	2512	1813			
		885	5561	0.28	16.1	5159	4892	4600	4442	4274	3903	3406	2857	2089			
24HXFM4B	1/3	905	5686	0.30	16.8	5276	5015	4731	4578	4417	4063	3611	3067	2268			
		935	5875	0.33	17.7	5450	5199	4926	4781	4628	4295	3900	3373	2567			
		965	6063	0.36	18.7	5625	5382	5120	4981	4835	4521	4163	3684	2916	1854		
24HXFM5B	1/2	995	6252	0.40	19.6	5800	5565	5312	5179	5040	4741	4409	3991	3253	2168		
		1040	6535	0.45	21	6062	5838	5599	5473	5343	5065	4761	4414	3717	2574		
		1075	6754	0.50	22	6267	6049	5820	5699	5575	5311	5025	4708	4078	2912	2027	
		1105	6943	0.55	23	6441	6230	6008	5892	5772	5519	5246	4949	4388	3257	2352	
24HXFM6B	3/4	1140	7163	0.60	24	6645	6441	6227	6115	6000	5759	5500	5221	4729	3661	2674	
		1190	7477	0.68	26	6937	6742	6538	6432	6323	6096	5855	5597	5166	4182	3127	2362
		1230	7728	0.75	27	7170	6981	6785	6683	6579	6362	6133	5889	5490	4590	3578	2759
		1265	7948	0.82	29	7374	7191	7001	6902	6802	6593	6374	6141	5764	4956	3991	3074
24HXFM7B	1	1305	8200	0.90	30	7607	7430	7246	7151	7054	6855	6645	6424	6068	5352	4413	3441
		1355	8514	1.00	32	7899	7728	7552	7461	7369	7178	6979	6771	6438	5805	4924	4009
		1395	8765	1.10	33	8132	7966	7796	7708	7619	7435	7244	7045	6727	6137	5340	4472

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

Data HXFL, HXFM 30



Prop Diameter - 30 inches
Prop Type - X.STREAM
Maximum MHP = 3
Maximum Frame = 184T
Maximum RPM - 932 HXFL
 1184 HXFM
Tip Speed (FPM) = 7.85 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 31.6 sq. ft.
Intake Velocity (FPM) - (CFM/31.6)
Roof Opening Square - 37-1/2 inches
Matching Curb - RCG, RCA-40
Approx. Shipping Weight - 610 lbs.

30 HXFL

Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
30HXFL3B	1/4	390	3063	0.16	5.9	6408	5589							
		420	3299	0.20	6.7	6901	6123							
		440	3456	0.23	7.3	7230	6475							
		450	3534	0.25	7.6	7394	6650							
		460	3613	0.27	8.0	7559	6824							
30HXFL4B	1/3	480	3770	0.30	8.6	7887	7171	6580						
		495	3888	0.34	9.2	8134	7431	6867						
		510	4006	0.37	9.7	8380	7690	7147						
30HXSL5B	1/2	525	4123	0.40	10.3	8627	7947	7424						
		545	4280	0.45	10.9	8955	8291	7787	7518					
		565	4437	0.50	11.6	9284	8633	8146	7895					
		585	4595	0.55	12.3	9613	8974	8501	8264					
30HXFL6B	3/4	605	4752	0.61	13.0	9941	9315	8854	8628	8387				
		625	4909	0.68	13.7	10270	9655	9205	8987	8761				
		650	5105	0.76	14.7	10681	10080	9642	9433	9220				
		670	5262	0.82	15.4	11009	10419	9989	9786	9582				
30HXFL7B	1	690	5419	0.90	16.2	11338	10757	10335	10138	9941	9521			
		715	5616	1.01	17.1	11749	11180	10767	10575	10386	9992			
		735	5773	1.09	17.8	12077	11519	11111	10924	10739	10362			
30HXFL8B	1-1/2	760	5969	1.20	18.8	12488	11940	11541	11357	11178	10818	10425		
		790	6205	1.36	20	12981	12446	12054	11876	11703	11358	10996		
		820	6440	1.51	21	13474	12951	12567	12392	12224	11893	11553	11176	
		845	6637	1.65	22	13885	13372	12993	12822	12657	12335	12009	11660	
30HXFL9B	2	870	6833	1.82	24	14296	13792	13418	13250	13089	12775	12461	12131	
		900	7069	2.00	25	14788	14296	13928	13763	13605	13300	12998	12687	
		930	7304	2.20	26	15281	14798	14438	14276	14120	13823	13531	13234	12752

30 HXFM

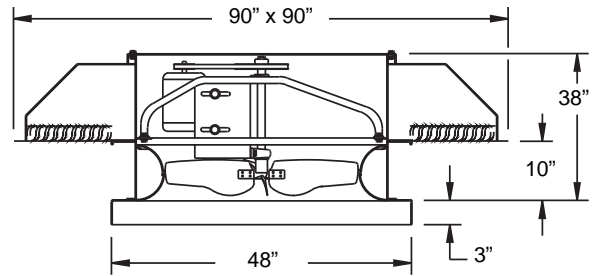
Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
30HXFM2B	1/6	475	3731	0.14	7.4	5498	4799	4115									
		495	3888	0.15	8.1	5729	5062	4402									
		515	4045	0.17	8.7	5961	5323	4676	4355								
		525	4123	0.18	9.1	6077	5453	4811	4510								
30HXFM3B	1/4	545	4280	0.20	9.7	6308	5710	5078	4803								
		565	4437	0.23	10.4	6539	5965	5346	5081	4784							
		585	4595	0.25	11.0	6771	6219	5620	5353	5088							
30HXFM4B	1/3	600	4712	0.27	11.5	6945	6408	5825	5553	5303							
		625	4909	0.30	12.3	7234	6721	6163	5887	5650							
		645	5066	0.33	13.0	7465	6970	6431	6160	5920							
		655	5144	0.36	13.3	7581	7094	6565	6296	6053	5565						
30HXFM5B	1/2	685	5380	0.40	14.3	7928	7465	6962	6705	6453	6012						
		715	5616	0.45	15.3	8276	7834	7355	7108	6863	6432						
		730	5733	0.50	15.8	8449	8017	7550	7309	7068	6636	6185					
		760	5969	0.55	16.8	8796	8383	7937	7706	7474	7038	6638					
30HXFM6B	3/4	785	6165	0.60	17.8	9086	8687	8257	8035	7810	7370	6993					
		810	6362	0.68	18.7	9375	8989	8575	8361	8144	7711	7336	6937				
		845	6637	0.76	20	9780	9412	9018	8813	8606	8189	7806	7450				
		870	6833	0.82	21	10070	9712	9331	9134	8933	8529	8138	7799				
30HXFM7B	1	890	6990	0.90	22	10301	9952	9582	9389	9194	8798	8408	8073	7507			
		925	7265	1.00	24	10706	10372	10017	9833	9646	9266	8887	8543	8045			
		960	7540	1.10	25	11111	10790	10450	10274	10095	9730	9363	9007	8544			
30HXFM8B	1-1/2	990	7775	1.20	27	11459	11147	10819	10650	10477	10125	9769	9415	8957			
		1025	8050	1.32	29	11864	11563	11248	11085	10920	10581	10238	9895	9429			
		1060	8325	1.51	31	12269	11979	11675	11519	11359	11034	10703	10371	9894	9170		
		1095	8600	1.64	32	12674	12394	12101	11950	11797	11484	11164	10842	10365	9676		
30HXFM9B	2	1135	8914	1.81	34	13137	12867	12586	12441	12294	11994	11687	11377	10913	10232		
		1165	9150	2.01	35	13484	13222	12948	12808	12666	12374	12077	11775	11322	10638	9948	
		1180	9268	2.08	36	13658	13399	13129	12991	12851	12564	12271	11973	11525	10840	10176	

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

36 HXFL, HXFM Data

Prop Diameter - 36 inches
Prop Type - X.STREAM
Maximum MHP = 3
Maximum Frame = 215T
Maximum RPM - 720 HXFL
 864 HXFM
Tip Speed (FPM) = 9.42 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 39.6 sq. ft.
Intake Velocity (FPM) - (CFM/39.6)
Roof Opening Square - 43-1/2 inches
Matching Curb - RCG, RCA-46
Approx. Shipping Weight - 840 lbs.



36 HXFL

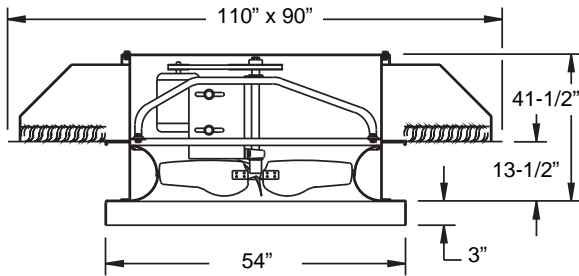
Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
36HXFL4B	1/3	355	3346	0.28	7.1	9877	8601	6780						
		375	3534	0.33	7.9	10433	9243	7751						
		385	3629	0.37	8.3	10711	9559	8135	6744					
36HXFL5B	1/2	400	3770	0.40	9.0	11129	10030	8684	7778					
		415	3911	0.46	9.6	11546	10495	9214	8495	7068				
		430	4053	0.50	10.4	11963	10956	9744	9078	7971				
		445	4194	0.55	11.2	12381	11413	10264	9629	8903				
36HXFL6B	3/4	460	4335	0.61	11.9	12798	11867	10774	10162	9521				
		475	4477	0.67	12.8	13215	12318	11276	10692	10092				
		490	4618	0.75	13.5	13633	12767	11771	11216	10639	8732			
		505	4760	0.81	14.1	14050	13214	12259	11731	11170	9778			
36HXFL7B	1	525	4948	0.90	15.0	14606	13805	12901	12405	11876	10748			
		540	5089	1.01	15.6	15024	14248	13378	12903	12398	11335	9320		
		560	5278	1.10	16.4	15580	14835	14007	13557	13081	12075	10633		
36HXFL8B	1-1/2	580	5466	1.22	17.3	16136	15419	14628	14202	13752	12788	11731		
		595	5608	1.35	17.9	16554	15857	15091	14680	14248	13318	12336	10378	
		620	5843	1.49	18.9	17249	16583	15857	15469	15063	14194	13279	12070	
		640	6032	1.64	19.8	17806	17161	16464	16093	15706	14880	13999	13043	
36HXFL9B	2	660	6220	1.85	21	18362	17739	17068	16712	16342	15555	14704	13830	11352
		685	6456	2.02	22	19058	18459	17817	17479	17128	16385	15585	14758	12965
		705	6644	2.19	23	19614	19034	18414	18088	17750	17039	16276	15474	14142

36 HXFM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
36HXFM3B	1/4	375	3534	0.19	6.9	7948	6808	5478	3727	2885							
		400	3770	0.23	7.8	8477	7406	6331	5003	3689							
		415	3911	0.25	8.3	8795	7761	6741	5896	4275							
		425	4006	0.27	8.7	9007	7996	7005	6382	4780							
36HXFM4B	1/3	440	4147	0.30	9.4	9325	8346	7390	6871	5579	3569						
		455	4288	0.33	10.0	9643	8694	7768	7294	6481	4044						
		470	4430	0.36	10.6	9961	9041	8145	7696	7161	4533						
36HXFM5B	1/2	485	4571	0.40	11.4	10279	9385	8520	8085	7615	5219	3756					
		505	4760	0.46	12.3	10703	9842	9013	8592	8169	6277	4406					
		520	4901	0.50	12.9	11021	10183	9378	8969	8565	7144	4877					
		540	5089	0.55	13.8	11445	10636	9861	9470	9079	8167	5722	4408				
36HXFM6B	3/4	555	5231	0.61	14.5	11763	10975	10220	9841	9457	8646	6506	4883				
		575	5419	0.67	15.3	12186	11424	10695	10330	9960	9212	7582	5525				
		600	5655	0.76	16.4	12716	11984	11283	10935	10583	9879	8982	6704	4805			
		610	5749	0.81	16.8	12928	12207	11517	11175	10830	10138	9349	7233	5129			
36HXFM7B	1	635	5985	0.90	18.0	13458	12764	12099	11771	11441	10773	10082	8620	5914			
		660	6220	1.00	19.1	13988	13319	12677	12361	12044	11401	10761	9951	6942			
		675	6362	1.09	19.8	14306	13651	13023	12713	12403	11778	11154	10450	7721			
36HXFM8B	1-1/2	700	6597	1.22	21	14836	14203	13595	13296	12998	12398	11794	11166	9055	5783		
		730	6880	1.35	22	15471	14863	14279	13992	13705	13132	12547	11972	10789	6726		
		755	7116	1.48	24	16001	15413	14846	14567	14290	13737	13176	12619	11692	7679		
		775	7304	1.64	25	16425	15851	15298	15026	14756	14217	13673	13126	12271	8676	6217	
36HXFM9B	2	800	7540	1.82	26	16955	16398	15861	15597	15334	14812	14288	13753	12957	10006	7014	
		825	7775	1.98	27	17485	16944	16422	16165	15910	15404	14896	14382	13616	11483	7803	
		855	8058	2.19	29	18121	17598	17093	16844	16598	16108	15620	15127	14386	12958	9107	7008

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

Data HXFL, HXFM 42



Prop Diameter - 42 inches
Prop Type - X.STREAM
Maximum MHP = 5
Maximum Frame = 215T
Maximum RPM - 610 HXFL
 718 HXFM
Tip Speed (FPM) = 11.0 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 47.8 sq. ft.
Intake Velocity (FPM) - (CFM/47.8)
Roof Opening Square - 49-1/2 inches
Matching Curb - RCG, RCA-52
Approx. Shipping Weight - 1100 lbs.

42 HXFL

Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
42HXFL4B	1/3	268	2947	0.26	7.3	11312	9222							
		282	3101	0.30	8.0	11903	10012							
		292	3211	0.33	8.5	12325	10544							
		302	3321	0.37	9.1	12748	11059							
42HXFL5B	1/2	310	3409	0.40	9.6	13085	11463							
		324	3563	0.45	10.5	13676	12154							
		334	3673	0.50	11.1	14098	12638							
		346	3804	0.55	12.0	14605	13212							
42HXFL6B	3/4	356	3914	0.60	12.7	15027	13684							
		370	4068	0.68	13.7	15618	14339	12483						
		382	4200	0.75	14.5	16124	14895	13216						
		394	4332	0.82	15.2	16631	15446	13896						
42HXFL7B	1	406	4464	0.90	16.0	17137	15995	14545						
		420	4618	1.00	16.9	17728	16630	15278	14355					
		434	4772	1.10	17.8	18319	17262	15991	15172					
		448	4926	1.21	18.7	18910	17890	16688	15945					
42HXFL8B	1-1/2	464	5102	1.34	19.8	19586	18606	17470	16792	15961				
		482	5300	1.50	21	20345	19406	18336	17715	16988				
		496	5454	1.64	22	20936	20026	19001	18415	17747				
		512	5630	1.80	23	21612	20733	19753	19202	18587				
42HXFL9B	2	530	5828	2.00	25	22372	21526	20592	20074	19507	18082			
		546	6004	2.19	26	23047	22227	21330	20839	20305	19023			
		564	6202	2.41	27	23807	23015	22156	21690	21188	20023			
42HXFL10B	3	586	6443	2.71	29	24735	23976	23157	22717	22250	21192	19802		
		606	6663	2.99	30	25580	24847	24062	23643	23201	22220	21013		
		610	6707	3.05	31	25748	25021	24243	23827	23390	22423	21243		

42 HXFM

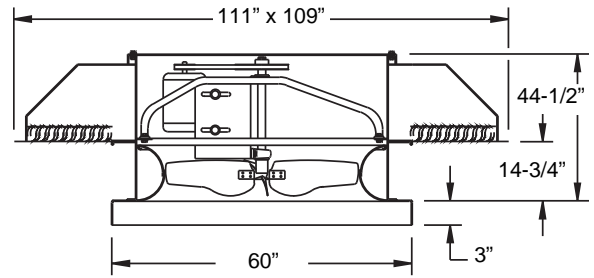
Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
42HXFM3B	1/4	286	3145	0.22	7.9	9940	8691	5656									
		300	3299	0.25	8.6	10426	9302	6504	4902								
		308	3387	0.27	9.0	10704	9637	6939	5509								
42HXFM4B	1/3	318	3497	0.30	9.6	11052	10047	7472	6211								
		330	3629	0.33	10.3	11469	10527	8113	6954	5470							
		338	3717	0.36	10.8	11747	10842	8569	7414	6082							
42HXFM5B	1/2	350	3848	0.40	11.7	12164	11309	9389	8059	6909							
		364	4002	0.45	12.6	12651	11845	10276	8805	7766							
		378	4156	0.50	13.5	13137	12376	11033	9587	8540	6094						
		390	4288	0.55	14.3	13554	12826	11624	10407	9179	7000						
42HXFM6B	3/4	400	4398	0.60	15.0	13902	13200	12090	11065	9712	7712						
		416	4574	0.67	16.0	14458	13791	12799	11989	10629	8711						
		432	4750	0.75	17.0	15014	14380	13479	12802	11723	9621	7514					
		444	4882	0.82	17.8	15431	14820	13975	13369	12479	10263	8411					
42HXFM7B	1	458	5036	0.90	18.7	15918	15330	14541	14001	13255	11007	9306	7125				
		476	5234	1.00	19.9	16543	15983	15255	14777	14157	11992	10375	8446				
		490	5388	1.10	21	17030	16489	15801	15362	14812	12937	11133	9452				
42HXFM8B	1-1/2	506	5564	1.21	22	17586	17067	16417	16015	15525	13999	11984	10457				
		526	5784	1.35	23	18281	17784	17179	16813	16379	15154	13057	11616	8966			
		544	5982	1.51	25	18907	18429	17856	17516	17124	16075	14199	12581	10315			
		560	6158	1.64	26	19463	19001	18455	18136	17772	16835	15284	13431	11340			
42HXFM9B	2	580	6377	1.81	28	20158	19715	19197	18899	18567	17739	16501	14512	12541			
		602	6619	2.01	29	20922	20498	20008	19731	19425	18687	17663	15974	13735	9949		
		618	6795	2.20	31	21478	21067	20596	20330	20041	19357	18443	17037	14586	11174		
42HXFM10B	3	636	6993	2.41	32	22104	21705	21254	21003	20728	20093	19277	18112	15547	12423		
		662	7279	2.70	34	23008	22625	22198	21963	21710	21134	20421	19475	17097	14027	10346	
		686	7543	3.00	37	23842	23474	23067	22845	22608	22074	21436	20626	18728	15371	12109	
		706	7763	3.29	38	24537	24180	23790	23578	23351	22850	22258	21532	19963	16438	13561	

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

48 HXFL, HXFM Data

Prop Diameter - 48 inches
Prop Type - X.STREAM
Maximum MHP = 5
Maximum Frame = 254T
Maximum RPM - 516 HXFL
 598 HXFM
Tip Speed (FPM) = 12.57 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 59.3 sq. ft.
Intake Velocity (FPM) - (CFM/59.3)
Roof Opening Square - 55-1/2 inches
Matching Curb - RCG, RCA-58
Approx. Shipping Weight - 1200 lbs.



48 HXFL

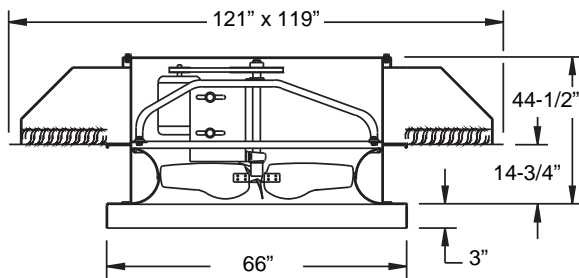
Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
48HXFL5B	1/2	248	3116	0.36	8.2	14569	12141							
		258	3242	0.40	8.9	15156	12947							
		268	3368	0.45	9.6	15744	13705							
		278	3493	0.50	10.4	16331	14431							
		284	3569	0.53	11.0	16684	14856							
48HXFL6B	3/4	290	3644	0.60	11.4	17036	15273	11244						
		304	3820	0.68	12.7	17858	16228	12488						
		314	3946	0.75	13.6	18446	16896	13398						
		322	4046	0.82	14.3	18916	17425	14228	12374					
48HXFL7B	1	334	4197	0.91	15.3	19621	18207	15579	13437					
		346	4348	1.00	16.1	20326	18980	16766	14514					
		356	4474	1.10	16.7	20913	19620	17606	15463	13844				
48HXFL8B	1-1/2	368	4624	1.21	17.4	21618	20381	18551	16820	14908				
		384	4825	1.36	18.5	22558	21388	19748	18487	16356				
		398	5001	1.51	19.4	23380	22263	20753	19682	17843				
		406	5102	1.64	20	23850	22760	21314	20321	18746	15537			
48HXFL9B	2	420	5278	1.80	21	24673	23627	22279	21390	20189	16776			
		436	5479	2.00	22	25613	24615	23359	22564	21562	18209			
		448	5630	2.16	23	26318	25351	24155	23416	22512	19316			
48HXFL10B	3	462	5806	2.40	24	27140	26207	25075	24389	23574	20881	18086		
		482	6057	2.71	25	28315	27428	26373	25749	25030	23027	19865		
		498	6258	3.02	27	29255	28402	27398	26816	26157	24447	21326	19096	
		514	6459	3.30	28	30195	29371	28417	27869	27259	25739	23056	20512	

48 HXFM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
48HXFM4B	1/3	254	3192	0.25	7.4	12098	10287	6016									
		260	3267	0.27	7.8	12384	10644	6371	5165								
48HXFM4B	1/3	270	3393	0.30	8.5	12860	11224	7002	5896								
		278	3493	0.33	9.1	13241	11676	8208	6375								
		286	3594	0.36	9.7	13622	12121	8903	6845	5753							
48HXFM5B	1/2	298	3745	0.40	10.6	14194	12776	9777	7574	6596							
		310	3896	0.46	11.7	14765	13421	10664	9039	7305							
		320	4021	0.50	12.5	15241	13951	11690	9972	7899							
		330	4147	0.55	13.3	15718	14477	12618	10704	8530	6623						
48HXFM6B	3/4	340	4273	0.60	14.0	16194	14998	13343	11419	9973	7361						
		354	4448	0.68	14.8	16861	15722	14230	12681	11182	8203						
		366	4599	0.76	15.4	17432	16338	14953	13852	12048	8910	7162					
		378	4750	0.82	16.1	18004	16951	15653	14777	12925	9649	8081					
48HXFM7B	1	390	4901	0.90	16.7	18575	17559	16336	15551	14121	11043	8831					
		400	5027	1.00	17.3	19052	18065	16894	16167	15092	12246	9418	7766				
		416	5228	1.10	18.3	19814	18870	17773	17117	16314	13438	10372	8987				
48HXFM8B	1-1/2	430	5404	1.20	19.1	20481	19571	18529	17922	17209	14438	11416	9837				
		446	5605	1.36	20	21243	20369	19383	18820	18180	15855	13595	10778				
		462	5806	1.50	21	22005	21165	20227	19701	19116	17437	14800	11755	9830			
		476	5982	1.64	22	22672	21858	20959	20461	19914	18546	15803	13228	10717			
48HXFM9B	2	490	6158	1.80	23	23338	22550	21686	21212	20696	19461	16848	15007	11541			
		508	6384	2.00	25	24196	23438	22613	22166	21685	20574	18689	16350	12612			
		522	6560	2.20	26	24863	24127	23331	22902	22444	21407	19970	17352	13503	10490		
48HXFM10B	3	540	6786	2.41	28	25720	25010	24247	23839	23409	22448	21254	18774	16105	11792		
		562	7062	2.71	30	26768	26087	25361	24976	24572	23687	22639	21003	17846	13103		
		578	7263	3.00	32	27530	26869	26169	25797	25410	24571	23601	22373	19000	14046	11264	
		600	7540	3.29	34	28578	27943	27272	26920	26553	25769	24884	23827	20625	15410	12940	

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

Data HXFL, HXFM 54



Prop Diameter - 54 inches
Prop Type - X.STREAM
Maximum MHP = 5
Maximum Frame = 256T
Maximum RPM - 478 HXFL
 522 HXFM
Tip Speed (FPM) = 14.14 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 70.3 sq. ft.
Intake Velocity (FPM) - (CFM/70.3)
Roof Opening Square - 61-1/2 inches
Matching Curb - RCG, RCA-64
Approx. Shipping Weight - 1345 lbs.

54 HXFL

Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
54HXFL5B	1/2	198	2799	0.42	6.2	17588	14776							
		204	2884	0.45	6.5	18121	15449							
		212	2997	0.51	6.9	18832	16315							
		218	3082	0.55	7.3	19365	16948							
54HXFL6B	3/4	226	3195	0.61	7.7	20076	17775							
		234	3308	0.67	8.2	20786	18588							
		244	3449	0.76	8.9	21675	19589							
		248	3506	0.80	9.2	22030	19985							
54HXFL7B	1	254	3591	0.91	9.6	22563	20576	16796						
		264	3732	1.00	10.4	23451	21552	18878						
		272	3845	1.08	11.1	24162	22327	19959						
54HXFL8B	1-1/2	278	3930	1.20	11.6	24695	22905	20666	17679					
		292	4128	1.36	12.8	25939	24244	22232	20545					
		304	4298	1.51	13.9	27005	25384	23516	22302					
		308	4354	1.63	14.3	27360	25762	23937	22776	19915				
54HXFL9B	2	322	4552	1.82	15.6	28603	27080	25382	24366	22893				
		334	4722	2.01	16.6	29669	28205	26597	25669	24548				
		344	4863	2.18	17.2	30558	29138	27597	26726	25713				
54HXFL10B	3	352	4976	2.44	17.7	31268	29883	28389	27556	26610	22407			
		366	5174	2.69	18.7	32512	31182	29763	28987	28132	25312			
		382	5400	3.01	19.9	33933	32661	31318	30595	29813	27900			
		392	5542	3.23	21	34822	33583	32282	31587	30845	29093			
54HXFL11B	5	420	5938	4.02	23	37309	36156	34957	34328	33669	32203	30249		
		432	6107	4.51	24	38375	37255	36095	35489	34857	33476	31787	27554	
		450	6362	4.99	25	39974	38899	37792	37218	36623	35346	33862	31364	
		466	6588	5.47	26	41395	40358	39293	38743	38178	36975	35618	33943	

54 HXFM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
54HXFM5B	1/2	200	2827	0.35	6.8	16223	13542	8098									
		208	2941	0.41	7.3	16872	14491	9369	7090								
		216	3054	0.45	7.8	17521	15363	10488	7962								
		222	3138	0.50	8.2	18007	15984	11279	8804	7098							
		230	3252	0.55	8.7	18656	16782	12254	10078	8001							
54HXFM6B	3/4	236	3336	0.60	9.1	19143	17362	12948	10969	8648							
		248	3506	0.68	9.8	20116	18493	14326	12584	10403							
		254	3591	0.74	10.3	20603	19046	15029	13330	11363							
		262	3704	0.81	10.8	21252	19774	16158	14263	12499	8847						
54HXFM7B	1	272	3845	0.90	11.5	22063	20670	17669	15411	13828	9931						
		284	4015	1.01	12.5	23037	21733	19295	16805	15276	11635						
54HXFM8B	1-1/2	290	4100	1.10	13.0	23523	22258	20016	17626	15968	12598	9561					
		298	4213	1.20	13.7	24172	22957	20922	18840	16886	13802	10445					
		312	4411	1.36	15.0	25308	24167	22405	20861	18517	15698	12154					
		322	4552	1.49	16.0	26119	25026	23411	22115	19959	16946	13726	10958				
54HXFM9B	2	330	4665	1.63	16.7	26768	25711	24194	23039	21176	17879	14980	11825				
		342	4835	1.80	17.8	27741	26731	25338	24340	22882	19257	16647	13347				
		354	5005	2.01	18.7	28715	27747	26458	25576	24376	20639	18217	15240	11576			
54HXFM10B	3	364	5146	2.19	19.5	29526	28592	27372	26568	25517	21879	19414	16767	12688			
		376	5316	2.39	20	30499	29604	28458	27725	26806	23687	20800	18418	14015			
		392	5542	2.68	22	31797	30944	29885	29229	28438	26026	22638	20472	16429			
		404	5711	2.99	23	32770	31947	30942	30332	29615	27578	24052	21878	18322			
54HXFM11B	5	418	5909	3.29	24	33906	33115	32166	31604	30952	29208	26119	23487	20272	14399		
		450	6362	4.04	27	36502	35777	34930	34446	33905	32576	30626	27415	24265	18548		
		464	6560	4.53	28	37637	36937	36131	35671	35166	33957	32277	29543	25876	20785	15732	
		480	6786	4.99	30	38935	38260	37493	37063	36593	35490	34037	31862	27714	23046	17466	
		494	6984	5.39	31	40071	39416	38679	38270	37826	36800	35496	33678	29362	24910	19320	

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

60 HXFL, HXFM Data

Prop Diameter - 60 inches

Prop Type - X.STREAM

Maximum MHP = 7.5

Maximum Frame = 256T

Maximum RPM - 450 HXFL

476 HXFM

Tip Speed (FPM) = 15.71 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

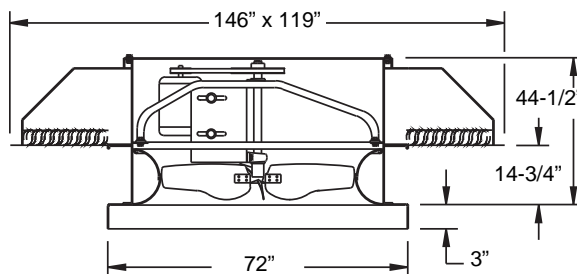
Intake Area - 81 sq. ft.

Intake Velocity (FPM) - (CFM/81)

Roof Opening Square - 67-1/2 inches

Matching Curb - RCG, RCA-70

Approx. Shipping Weight - 1700 lbs.



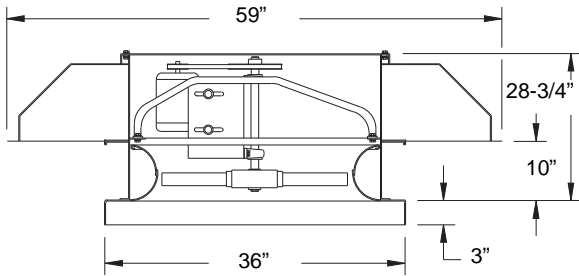
60 HXFL

Catalog Number	HP	RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure								
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375
60HXFL7B	1	194	3047	0.77	7.9	24409	21308							
		206	3236	0.91	8.7	25919	23099							
		212	3330	0.99	9.2	26674	23973							
		218	3424	1.10	9.6	27428	24836	19940						
60HXFL8B	1-1/2	226	3550	1.23	10.2	28435	25971	21711						
		234	3676	1.36	10.8	29442	27091	23381						
		242	3801	1.50	11.5	30448	28201	24901	21922					
		248	3896	1.62	12.0	31203	29026	25937	23244					
60HXFL9B	2	258	4053	1.82	12.9	32461	30392	27582	25405					
		266	4178	2.00	13.7	33468	31476	28847	26998	24206				
		274	4304	2.19	14.5	34474	32555	30080	28440	25979				
		284	4461	2.43	15.5	35732	33894	31585	30114	28112				
60HXFL10B	3	294	4618	2.69	16.5	36991	35228	33059	31721	30065				
		304	4775	2.98	17.4	38249	36553	34506	33273	31810	27294			
		314	4932	3.29	18.4	39507	37874	35934	34787	33460	29469			
		336	5278	4.02	20	42275	40765	39019	38020	36904	34060			
60HXFL11B	5	348	5466	4.48	21	43785	42333	40675	39741	38710	36217	32266		
		362	5686	5.04	23	45546	44157	42591	41719	40770	38543	35327		
		372	5843	5.46	24	46805	45458	43948	43115	42215	40142	37369	33365	
		384	6032	6.02	25	48314	47014	45570	44778	43929	42006	39617	35966	
60HXFL12B	7-1/2	398	6252	6.70	26	50076	48824	47447	46701	45904	44125	41993	39003	
		414	6503	7.53	27	52089	50890	49583	48877	48134	46492	44577	42191	36927
		426	6692	8.21	29	53599	52436	51176	50501	49788	48235	46454	44320	39470

60 HXFM

Catalog Number	HP	Fan RPM	Tip Speed	Max. BHP	Sones*	CFM at Static Pressure											
						0.0	0.05	0.10	0.125	0.15	0.20	0.25	0.30	0.375	0.50	0.625	0.75
60HXXFM6B	3/4	230	3613	0.69	11.3	21726	19720	16286	14376	12503							
		236	3707	0.75	11.8	22293	20331	17448	15209	13459							
		242	3801	0.81	12.3	22860	20939	18611	16043	14346							
60HXXFM7B	1	252	3958	0.91	13.2	23804	21948	20080	17453	15755	11135						
		262	4115	1.01	14.1	24749	22951	21218	19119	17143	13599						
		268	4210	1.10	14.6	25316	23550	21882	20338	17979	14836						
60HXXFM8B	1-1/2	276	4335	1.20	15.4	26072	24348	22751	21695	19111	16064						
		288	4524	1.36	16.5	27205	25539	24029	23169	21152	17777	13686					
		298	4681	1.51	17.5	28150	26529	25078	24286	23067	19166	16322					
		306	4807	1.63	18.3	28905	27319	25908	25157	24255	20277	17577	13321				
60HXXFM9B	2	316	4964	1.80	19.3	29850	28304	26940	26229	25439	21682	19033	15133				
		328	5152	2.01	20	30984	29482	28167	27496	26774	23482	20710	18133				
		338	5309	2.20	21	31928	30463	29183	28540	27861	25532	22098	19670				
60HXXFM10B	3	348	5466	2.40	22	32873	31442	30194	29574	28928	27267	23492	21110	15687			
		362	5686	2.70	24	34195	32809	31603	31010	30403	29044	25497	23061	19487			
		374	5875	2.98	25	35329	33979	32805	32233	31651	30393	27764	24727	21410			
		386	6063	3.27	26	36462	35147	34002	33448	32890	31706	29997	26410	23165			
60HXXFM11B	5	414	6503	3.98	29	39107	37866	36782	36262	35745	34687	33519	31277	27069	21419		
		430	6754	4.53	31	40619	39415	38363	37860	37362	36355	35279	33943	29307	24439		
		444	6974	4.98	32	41941	40770	39743	39253	38770	37801	36785	35645	31325	26504	19507	
		460	7226	5.51	34	43453	42317	41315	40839	40372	39440	38480	37440	34402	28753	23022	
60HXXFM12B	7-1/2	472	7414	5.99	36	44586	43475	42493	42027	41569	40662	39737	38751	36612	30418	25941	
		476	7477	6.15	36	44964	43861	42885	42422	41967	41068	40154	39185	37256	30973	26585	

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 24 inches
Prop Type - Extruded Aluminum Airfoil
Maximum MHP = 3
Maximum Frame = 182T
Maximum RPM - 1675
Tip Speed (FPM) = 6.28 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Outlet Area - 14.9 sq. ft.
Outlet Velocity (FPM) - (CFM/14.9)
Roof Opening Square - 31-1/2 inches
Matching Curb - RCG, RCA-34
Approx. Shipping Weight - 480 lbs.

24 HEE

Catalog No.	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
24HEE3B	1/4	755	4744	0.23	11.3	4432	3637	2602					
		770	4838	0.25	11.7	4520	3743	2750					
		795	4995	0.28	12.4	4667	3919	3001					
24HEE4B	1/3	825	5184	0.31	13.2	4843	4126	3285	1483	848			
		845	5309	0.33	13.7	4961	4263	3464	1614	1030			
		875	5498	0.37	14.5	5137	4466	3714	2659	1259			
24HEE5B	1/2	940	5906	0.46	16.4	5518	4900	4214	3337	1637	1112		
		970	6095	0.50	17.3	5695	5098	4436	3639	1824	1348		
		1000	6238	0.55	18.2	5871	5294	4656	3927	2915	1540		
24HEE6B	3/4	1085	6817	0.70	20	6370	5843	5266	4654	3848	2043		
		1110	6974	0.75	21	6517	6002	5442	4849	4102	3114		
		1145	7194	0.83	22	6722	6225	5685	5115	4443	3618	1968	
24HEE7B	1	1170	7351	0.88	22	6869	6383	5858	5301	4676	3881	2118	
		1190	7477	0.93	23	6986	6509	5995	5448	4855	4078	2248	
		1220	7665	1.00	24	7162	6698	6199	5667	5112	4374	3488	
		1260	7917	1.10	25	7397	6949	6468	5958	5431	4774	4025	1920
24HEE8B	1-1/2	1335	8388	1.31	28	7837	7416	6967	6493	6002	5468	4776	2348
		1365	8577	1.40	28	8014	7602	7165	6704	6224	5723	5079	2535
		1395	8765	1.49	29	8190	7787	7361	6912	6444	5964	5372	3732
		1440	9048	1.64	31	8454	8065	7654	7223	6772	6313	5790	4482
24HEE9B	2	1470	9236	1.75	32	8630	8249	7848	7427	6988	6541	6056	4807
		1500	9425	1.86	33	8806	8433	8042	7631	7203	6766	6309	5107
		1540	9676	2.01	34	9041	8678	8298	7901	7487	7061	6626	5500
		1585	9959	2.19	36	9305	8953	8585	8201	7802	7389	6974	5952

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

30 HEE Data

Prop Diameter - 30 inches

Prop Type - Extruded

Aluminum Airfoil

Maximum MHP = 5

Maximum Frame = 184T

Maximum RPM -1295

Tip Speed (FPM) = 7.85 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

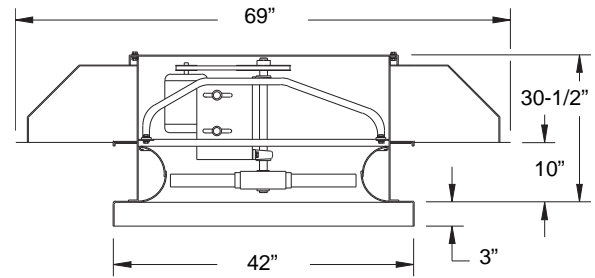
Outlet Area - 20.5 sq. ft.

Outlet Velocity (FPM) - (CFM/20.5)

Roof Opening Square - 37-1/2 inches

Matching Curb - RCG, RCA-40

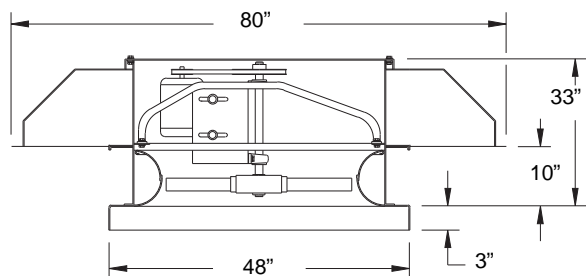
Approx. Shipping Weight - 560 lbs.



30 HEE

Catalog No.	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
30HEE4B	1/3	560	4396	0.28	11.1	6063	4559	2434					
		570	4475	0.30	11.2	6171	4698	2697					
		590	4632	0.33	11.8	6387	4970	3113					
		620	4867	0.38	12.8	6712	5370	3672					
30HEE5B	1/2	655	5142	0.45	14.0	7091	5827	4298	2078				
		680	5338	0.50	14.9	7362	6149	4737	2771				
		700	5495	0.55	15.5	7578	6402	5074	3347				
30HEE6B	3/4	750	5888	0.68	17.3	8120	7028	5848	4327	2295			
		775	6084	0.75	18.2	8390	7336	6209	4780	2804			
		800	6280	0.83	19.2	8661	7642	6559	5225	3667			
30HEE7B	1	825	6476	0.90	20	8931	7945	6901	5666	4217	2366		
		855	6712	1.01	21	9256	8306	7305	6176	4793	2850		
		880	6908	1.10	22	9527	8605	7637	6580	5251	3662		
30HEE8B	1-1/2	910	7144	1.21	24	9852	8962	8030	7036	5789	4459	2685	
		945	7418	1.36	25	10231	9375	8482	7544	6408	5153	3312	
		980	7693	1.52	27	10609	9785	8928	8036	7011	5801	4497	
		1005	7889	1.64	28	10880	10077	9244	8379	7420	6251	5055	
30HEE9B	2	1040	8164	1.81	29	11259	10483	9682	8851	7964	6873	5736	2945
		1075	8439	2.00	30	11638	10888	10117	9316	8480	7486	6381	3489
		1110	8714	2.20	32	12017	11291	10546	9775	8978	8076	7009	4506
30HEE10B	3	1145	8988	2.42	34	12396	11693	10973	10229	9464	8632	7630	5510
		1190	9342	2.72	36	12883	12207	11517	10805	10075	9307	8413	6418
		1230	9656	3.00	37	13316	12662	11996	11311	10608	9882	9074	7162
		1270	9970	3.30	39	13749	13116	12473	11812	11134	10441	9696	7885

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 36 inches
Prop Type - Extruded Aluminum Airfoil
Maximum MHP = 7.5
Maximum Frame = 215T
Maximum RPM - 1125
Tip Speed (FPM) = 9.42 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Outlet Area - 28 sq. ft.
Outlet Velocity (FPM) - (CFM/28)
Roof Opening Square - 43-1/2 inches
Matching Curb - RCG, RCA-46
Approx. Shipping Weight - 780 lbs.

36 HEE

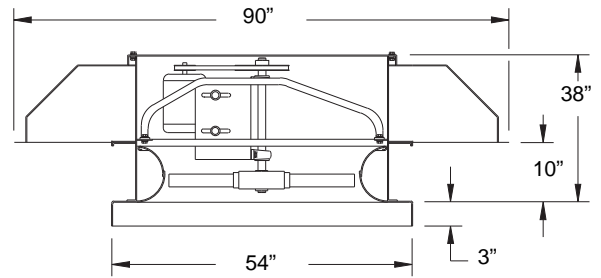
Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
36HEE4B	1/3	400	3770	0.21	9.0	7044	4522						
		445	4194	0.29	10.6	7836	5699	2447					
		480	4524	0.36	12.0	8452	6509	3814					
36HEE5B	1/2	530	4995	0.49	13.9	9333	7602	5351	2531				
		550	5184	0.55	15.1	9685	8027	5930	3198				
36HEE6B	3/4	595	5607	0.70	17.3	10477	8963	7208	4908	2453			
		630	5938	0.83	18.6	11094	9673	8076	5992	3488			
36HEE7B	1	670	6315	0.99	19.7	11798	10471	9006	7158	5089			
		690	6503	1.09	22	12150	10865	9455	7750	5764	3431		
36HEE8B	1-1/2	765	7209	1.48	25	13471	12322	11080	9732	8016	6234		
		790	7446	1.63	26	13911	12801	11608	10326	8750	7029	5045	
36HEE9B	2	845	7964	2.00	29	14880	13846	12748	11578	10285	8664	7057	3566
		870	8200	2.18	31	15320	14318	13257	12130	10913	9388	7841	4260
36HEE10B	3	915	8624	2.54	33	16112	15162	14162	13102	11989	10698	9182	5946
		965	9095	2.98	36	16993	16094	15154	14164	13130	12011	10641	7797
		1000	9425	3.32	38	17609	16743	15840	14894	13906	12862	11654	8913
36HEE11B	5	1070	10085	4.06	40	18842	18034	17197	16327	15417	14480	13475	10993
		1145	10791	4.97	43	20162	19410	18633	17830	16996	16135	15246	13182
		1185	11168	5.52	46	20867	20140	19392	18621	17823	16995	16151	14287

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

HEE 42 Data

Prop Diameter - 42 inches
Prop Type - Extruded
 Aluminum Airfoil
Maximum MHP = 7.5
Maximum Frame = 215T
Maximum RPM - 880
Tip Speed (FPM) = 11.00 x RPM

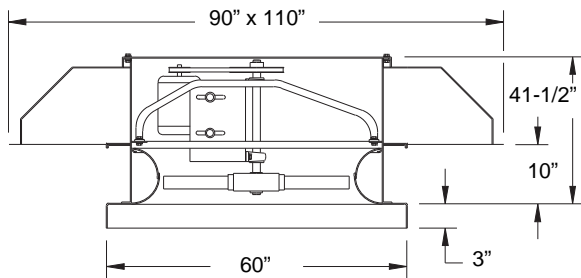
Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Outlet Area - 35.5 sq. ft.
Outlet Velocity (FPM) - (CFM/35.5)
Roof Opening Square - 49-1/2 inches
Matching Curb - RCG, RCA-52
Approx. Shipping Weight - 1020 lbs.



42 HEE

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
42HEE5B	1/2	340	3738	0.32	9.3	10451	6846						
		375	4123	0.43	10.9	11527	8408	3638					
		415	4563	0.58	12.8	12756	10033	5600					
42HEE6B	3/4	445	4893	0.71	14.4	13678	11145	7797	3933				
		475	5223	0.86	16.0	14600	12185	9403	5021				
42HEE7B	1	495	5443	0.98	17.1	15215	12859	10337	5901				
		520	5718	1.14	18.5	15984	13694	11447	7845	4774			
42HEE8B	1-1/2	555	6103	1.39	20	17059	14861	12921	10139	6048			
		575	6322	1.54	21	17674	15528	13726	11187	7010			
		595	6542	1.71	23	18289	16193	14500	12143	8625	5825		
42HEE9B	2	630	6927	2.03	25	19365	17359	15786	13721	11067	7162		
		655	7202	2.28	26	20133	18188	16660	14796	12466	8751	6496	
42HEE10B	3	690	7587	2.67	28	21209	19348	17849	16243	14159	11458	7839	
		720	7917	3.03	30	22131	20338	18853	17425	15514	13281	9806	6154
		740	8137	3.29	31	22746	20994	19520	18183	16387	14326	11443	6921
42HEE11B	5	775	8522	3.78	33	23822	22142	20687	19454	17867	15995	13762	8175
		805	8851	4.23	36	24744	23122	21686	20501	19086	17346	15411	9446
		835	9181	4.73	38	25666	24098	22686	21521	20260	18651	16871	11643
		880	9676	5.54	41	27049	25555	24184	23029	21932	20531	18920	14966

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 48 inches
Prop Type - Extruded
 Aluminum Airfoil
Maximum MHP = 10
Maximum Frame = 254T
Maximum RPM - 822
Tip Speed (FPM) = 12.57 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Outlet Area - 43.2 sq. ft.
Outlet Velocity (FPM) - (CFM/43.2)
Roof Opening Square - 55-1/2 inches
Matching Curb - RCG, RCA-58
Approx. Shipping Weight - 1110 lbs.

48 HEE

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
48HEE6B	3/4	274	2443	0.27	8.5	11922	6515						
		300	3770	0.40	9.8	13054	8561						
		324	4072	0.51	11.0	14098	10173	4071					
		356	4474	0.67	12.8	15490	12075	6976					
		390	4901	0.87	14.8	16970	13908	9388	4075				
48HEE7B	1	410	5152	1.00	16.1	17840	14954	11002	6118				
		426	5353	1.14	17.2	18536	15780	12234	7503				
48HEE8B	1-1/2	460	5781	1.45	19.4	20015	17501	14499	10305	5936			
		484	6082	1.69	21	21060	18691	15959	11974	7920			
48HEE9B	2	524	6585	2.12	24	22800	20636	18205	15147	11421	7474		
		540	6786	2.34	25	23496	21403	19060	16244	12486	8760		
48HEE10B	3	570	7163	2.77	27	24802	22830	20636	18169	14736	11638	7860	
		606	7615	3.32	29	26368	24521	22498	20314	17556	14110	10985	
48HEE11B	5	640	8042	3.91	32	27848	26105	24222	22201	19834	16704	13870	7148
		676	8495	4.62	35	29414	27768	26016	24116	22065	19520	16297	10504
		714	8972	5.42	38	31067	29512	27876	26101	24263	22076	19372	14133
48HEE12B	7-1/2	750	9425	6.30	41	32634	31157	29614	27953	26227	24321	22044	16750
		776	9751	6.97	44	33765	32339	30857	29272	27606	25859	23787	18499
		822	10330	8.30	48	35767	34422	33035	31570	30011	28433	26667	22168

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

54 HEE Data

Prop Diameter - 54 inches

Prop Type - Extruded

Aluminum Airfoil

Maximum MHP = 15

Maximum Frame = 256T

Maximum RPM - 776

Tip Speed (FPM) = 14.14 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

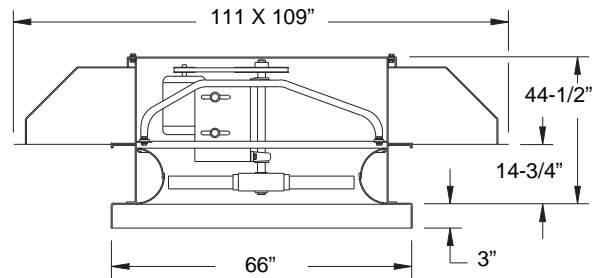
Outlet Area - 54.3 sq. ft.

Outlet Velocity (FPM) - (CFM/54.3)

Roof Opening Square - 61-1/2 inches

Matching Curb - RCG, RCA-64

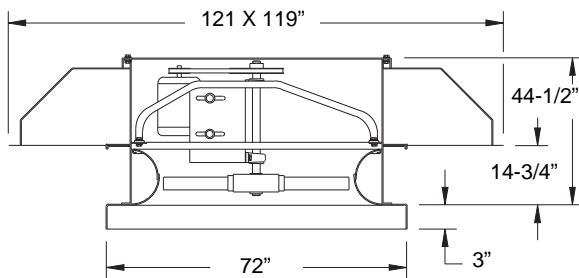
Approx. Shipping Weight - 1235 lbs.



54 HEE

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
54HEE7B	1	246	3478	0.32	8.9	15422	8134						
		280	3958	0.51	11.0	17553	11866						
		322	4552	0.78	13.7	20186	15375	7894					
		364	5146	1.13	16.5	22819	18943	13672					
54HEE8B	1-1/2	396	5598	1.45	18.9	24825	21448	16782	9865				
		418	5909	1.71	21	26205	23034	18633	12975	7065			
54HEE9B	2	444	6277	2.04	23	27834	24862	20789	16516	9884			
		458	6475	2.24	24	28712	25833	21963	18102	11479	6692		
54HEE10B	3	492	6955	2.79	27	30844	28168	24861	21150	16267	10578		
		518	7323	3.25	29	32474	29935	27058	23324	19726	13614	9341	
54HEE11B	5	554	7832	3.98	32	34730	32358	29883	26318	23210	18720	13235	
		584	8256	4.66	35	36611	34362	32067	28860	25757	22608	17332	9107
		614	8680	5.42	38	38492	36354	34189	31422	28246	25480	21473	12494
54HEE12B	7-1/2	644	9104	6.25	40	40372	38334	36277	33924	30750	28050	25217	15788
		670	9472	7.04	43	42002	40044	38071	35962	32952	30216	27683	19370
		694	9811	7.83	46	43507	41616	39714	37740	35006	32206	29758	22761
		704	9953	8.17	47	44134	42270	40395	38464	35859	33033	30604	24118
54HEE13B	10	744	10518	9.62	51	46642	44878	43107	41310	39202	36409	33932	29157
		776	10970	10.93	55	48648	46958	45260	43546	41702	39145	36590	32172

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 60 inches
Prop Type - Extruded Aluminum Airfoil
Maximum MHP = 15
Maximum Frame = 256T
Maximum RPM - 636
Tip Speed (FPM) = 15.71 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Outlet Area - 64.8 sq. ft.
Outlet Velocity (FPM) - (CFM/64.8)
Roof Opening Square - 67-1/2 inches
Matching Curb - RCG, RCA-70
Approx. Shipping Weight - 1550 lbs.

60 HEE

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
60HEE7B	1	242	3801	0.60	10.6	20703	13210						
		274	4304	0.88	13.0	23441	17339						
		298	4681	1.13	14.7	25494	19814	10350					
60HEE8B	1-1/2	318	4995	1.38	16.3	27205	21655	15910					
		342	5372	1.71	18.3	29258	23812	18654					
60HEE9B	2	362	5686	2.02	19.9	30969	25632	21207	11977				
		376	5906	2.27	21	32167	26952	23100	17100				
60HEE10B	3	404	6346	2.82	24	34562	29681	26313	21183	11233			
		424	6660	3.26	26	36273	31674	28266	23454	15413	6494		
60HEE11B	5	448	7037	3.85	28	38327	34061	30470	26612	22280	11902		
		468	7351	4.38	30	40038	36024	32268	29235	24626	15601	7659	
		482	7571	4.79	31	41235	37376	33526	30872	26188	20916	11332	
		500	7854	5.35	33	42775	39098	35160	32759	28388	24785	14673	
60HEE12B	7-1/2	526	8262	6.23	36	44999	41550	37573	35245	31905	27838	22011	
		544	8545	6.89	38	46539	43225	39290	36894	34204	29879	26617	
		558	8765	7.44	40	47737	44521	40658	38157	35810	31608	28446	
		574	9016	8.10	41	49106	45998	42240	39594	37485	33756	30252	
60HEE13B	10	592	9299	8.88	43	50646	47645	44030	41211	39247	36192	32267	19739
		606	9519	9.53	45	51843	48919	45432	42478	40571	37967	33951	24708
		620	9739	10.20	47	53041	50189	46826	43758	41856	39601	35784	29351
		636	9990	11.01	49	54410	51637	48409	45239	43311	41320	37968	31821

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

24 HES Data

Prop Diameter - 24 inches

Prop Type - Extruded

Aluminum Airfoil

Maximum MHP = 3

Maximum Frame = 182T

Maximum RPM - 1630

Tip Speed (FPM) = 6.28 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

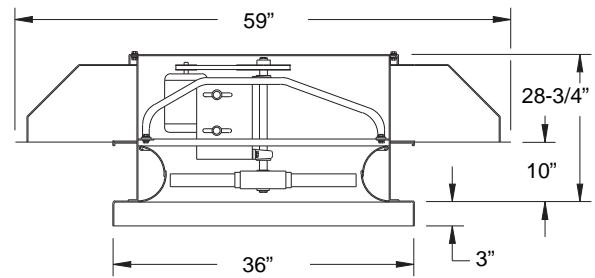
Intake Area - 14.9 sq. ft.

Intake Velocity (FPM) - (CFM/14.9)

Roof Opening Square - 31-1/2 inches

Matching Curb - RCG, RCA-34

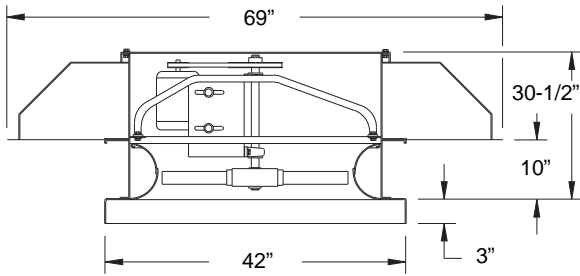
Approx. Shipping Weight - 480 lbs.



24 HES

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
24HES3B	1/4	790	4964	0.26	14.3	4781	4191	2817	1349				
		800	5027	0.27	14.6	4842	4276	2897	1481				
		815	5121	0.29	15.0	4933	4391	3015	1671				
24HES4B	1/3	845	5309	0.32	15.9	5114	4612	3260	1988				
		870	5466	0.35	16.7	5266	4789	3503	2206				
		895	5623	0.38	17.4	5417	4961	3803	2443	1310			
24HES5B	1/2	950	5969	0.45	19.2	5750	5329	4448	3292	2034			
		990	6220	0.52	21	5992	5594	4798	3629	2422	1305		
		1035	6503	0.59	22	6264	5886	5155	3993	2839	1945		
24HES6B	3/4	1085	6817	0.68	23	6567	6209	5618	4517	3671	2510	1438	
		1135	7131	0.78	25	6869	6531	6075	5147	4126	2952	2146	
		1175	7383	0.87	26	7112	6786	6381	5557	4442	3435	2614	
24HES7B	1	1215	7634	0.96	27	7354	7039	6664	5897	4794	4130	2989	1154
		1260	7917	1.07	29	7626	7324	6977	6253	5306	4542	3391	1768
		1295	8137	1.16	30	7838	7545	7213	6541	5752	4816	3916	2271
24HES8B	1-1/2	1345	8451	1.30	32	8140	7859	7546	7048	6304	5234	4671	2893
		1385	8702	1.42	33	8383	8110	7812	7401	6662	5646	5013	3293
		1435	9016	1.58	35	8685	8423	8138	7785	7064	6269	5407	3728
24HES9B	2	1485	9331	1.75	37	8988	8735	8462	8140	7463	6861	5839	4321
		1540	9676	1.95	39	9321	9078	8817	8524	8006	7375	6459	5263
		1590	9990	2.14	42	9623	9388	9139	8860	8468	7785	7093	5716
		1630	10242	2.32	43	9865	9636	9395	9127	8783	8100	7552	6030

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 30 inches
Prop Type - Extruded Aluminum Airfoil
Maximum MHP = 5
Maximum Frame = 184T
Maximum RPM - 1330
Tip Speed (FPM) = 7.85 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 20.5 sq. ft.
Intake Velocity (FPM) - (CFM/20.5)
Roof Opening Square - 37-1/2 inches
Matching Curb - RCG, RCA-40
Approx. Shipping Weight - 560 lbs.

30 HES

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
30HES4B	1/3	575	4516	0.29	13.2	6487	5002	3099					
		600	4712	0.33	14.2	6769	5378	3664					
		620	4869	0.37	15.0	6995	5714	4038					
30HES5B	1/2	670	5262	0.47	17.0	7559	6568	4882	2834				
		705	5537	0.55	18.6	7954	7097	5436	3817	1664			
30HES6B	3/4	780	6126	0.74	22	8800	8120	6576	5306	3431	1702		
		810	6362	0.83	24	9139	8507	7026	5807	4292	2341		
30HES7B	1	850	6676	0.96	26	9590	9011	7628	6447	5211	3292		
		870	6833	1.03	27	9816	9258	7959	6759	5587	3784	2178	
		890	6990	1.10	28	10041	9504	8317	7067	5943	4332	2626	
30HES8B	1-1/2	965	7579	1.41	32	10888	10413	9561	8199	7184	6105	4452	
		990	7775	1.52	33	11170	10713	9935	8574	7578	6556	5197	
		1015	7972	1.63	35	11452	11011	10294	8950	7966	6987	5850	2744
30HES9B	2	1065	8364	1.89	37	12016	11602	10980	9738	8727	7810	6833	3921
		1095	8600	2.05	39	12354	11956	11378	10275	9178	8286	7365	4650
		1120	8796	2.20	40	12636	12251	11702	10710	9554	8677	7791	5306
30HES10B	3	1200	9425	2.70	45	13539	13185	12717	11982	10757	9897	9085	7329
		1245	9778	3.01	48	14047	13708	13273	12634	11518	10573	9785	8165
		1285	10092	3.31	51	14498	14173	13763	13188	12225	11173	10395	8857

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

36 HES Data

Prop Diameter - 36 inches

Prop Type - Extruded

Aluminum Airfoil

Maximum MHP = 7.5

Maximum Frame = 215T

Maximum RPM - 1165

Tip Speed (FPM) = 9.42 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

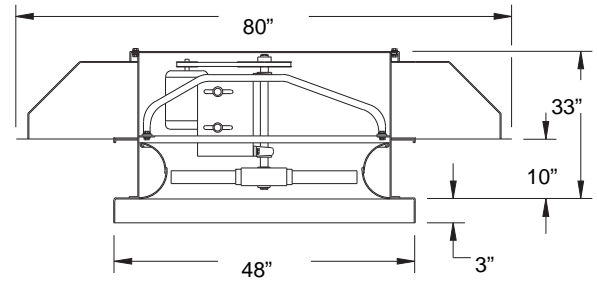
Intake Area - 28 sq. ft.

Intake Velocity (FPM) - (CFM/28)

Roof Opening Square - 43-1/2 inches

Matching Curb - RCG, RCA-46

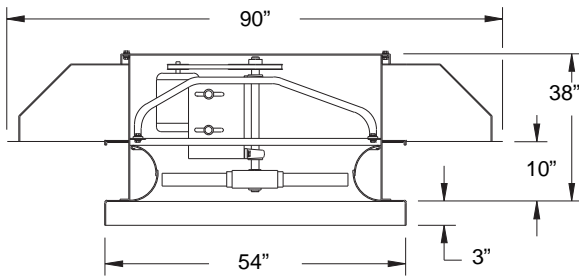
Approx. Shipping Weight - 780 lbs.



36 HES

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
36HES4B	1/3	430	4053	0.28	11.5	8289	5482						
		485	4571	0.38	14.1	9349	7629						
36HES5B	1/2	530	4995	0.48	16.2	10217	8931						
		555	5231	0.59	17.4	10699	9510	6280	3281				
36HES6B	3/4	585	5513	0.71	18.9	11277	10160	7062	4133				
		625	5890	0.87	21	12048	10995	8340	5958				
36HES7B	1	665	6267	1.01	23	12819	11817	9993	7312	4449			
		695	6550	1.17	24	13397	12434	11111	8078	5529	3611		
36HES8B	1-1/2	720	6786	1.32	26	13879	12945	11868	8745	6799	4331		
		750	7169	1.50	27	14458	13564	12641	9662	7944	5172	3516	
		795	7493	1.76	30	15325	14488	13671	11427	9137	7083	4913	
36HES9B	2	820	7728	1.94	32	15807	15001	14214	12460	9786	8261	5615	
		845	7964	2.14	33	16289	15515	14739	13390	10494	9071	6500	
		870	8200	2.35	35	16771	16027	15262	14192	11298	9738	7713	4243
36HES10B	3	905	8529	2.61	37	17445	16742	15984	15150	12648	10631	9292	5323
		945	8906	2.99	40	18217	17558	16806	16107	14313	11741	10460	6426
		975	9189	3.30	42	18795	18170	17423	16773	15435	12714	11224	7474
36HES11B	5	1020	9613	3.75	45	19662	19085	18343	17739	16830	14486	12415	9700
		1065	10037	4.30	48	20530	19996	19272	18681	17980	16338	13818	11366
		1115	10509	4.87	52	21494	21007	20299	19712	19129	18069	15769	12686
		1165	10980	5.56	56	22457	22016	21324	20740	20214	19470	17832	13986

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 42 inches
Prop Type - Extruded Aluminum Airfoil
Maximum MHP = 7.5
Maximum Frame = 215T
Maximum RPM - 885
Tip Speed (FPM) = 11.00 x RPM

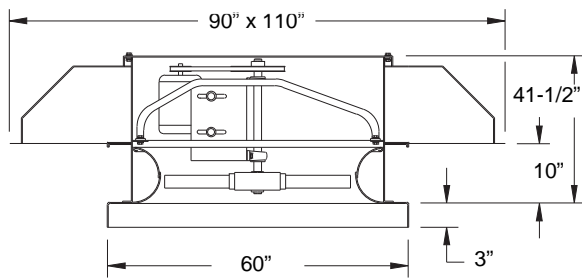
Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 35.5 sq. ft.
Intake Velocity (FPM) - (CFM/35.5)
Roof Opening Square - 49-1/2 inches
Matching Curb - RCG, RCA-52
Approx. Shipping Weight - 1020 lbs.

42 HES

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
42HES5B	1/2	395	4343	0.48	13.4	12921	9924	4694					
		425	4673	0.59	15.1	13903	11318	7440					
42HES6B	3/4	450	4948	0.71	16.7	14720	12473	8717	4337				
		475	5223	0.84	18.3	15538	13571	9926	5375				
42HES7B	1	500	5498	0.98	19.8	16356	14582	11177	7560				
		530	5828	1.16	22	17337	15733	12662	9626	5461			
42HES8B	1-1/2	565	6212	1.42	24	18482	17025	14334	11339	6955			
		600	6597	1.70	26	19627	18278	15958	13069	10461	6407		
42HES9B	2	635	6982	2.00	28	20772	19518	17576	14814	12260	7977		
		665	7312	2.31	30	21753	20564	18902	16277	13706	11359	7330	
42HES10B	3	690	7587	2.58	32	22571	21431	19938	17463	14950	12723	8421	
		725	7972	2.99	34	23716	22640	21316	19089	16699	14428	12222	
		740	8137	3.19	36	24207	23156	21894	19782	17439	15151	13103	
		750	8247	3.32	36	24534	23500	22267	20245	17929	15643	13638	
42HES11B	5	795	8741	3.94	40	26006	25035	23929	22307	20083	17894	15843	9637
		820	9016	4.34	42	26824	25884	24831	23388	21249	19136	17059	12808
		840	9236	4.66	44	27478	26563	25545	24213	22174	20117	18054	14294
		875	9621	5.25	47	28623	27748	26788	25605	23792	21800	19808	16207
		885	9731	5.43	48	28950	28086	27142	25993	24256	22273	20306	16705

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

48 HES Data



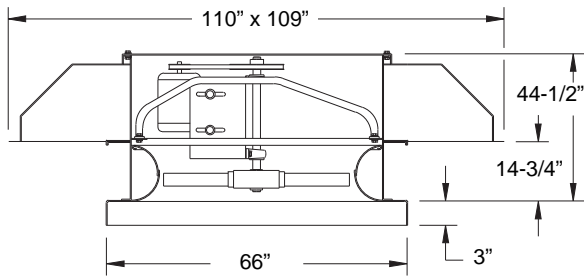
Prop Diameter - 48 inches
Prop Type - Extruded Aluminum Airfoil
Maximum MHP = 10
Maximum Frame = 254T
Maximum RPM - 830
Tip Speed (FPM) = 12.57 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 43.2 sq. ft.
Intake Velocity (FPM) - (CFM/43.2)
Roof Opening Square - 55-1/2 inches
Matching Curb - RCG, RCA-58
Approx. Shipping Weight - 1110 lbs.

48 HES

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
48HES6B	3/4	378	4750	0.75	16.0	18223	14600						
		394	4951	0.87	17.1	18994	15657	11040					
48HES7B	1	412	5177	1.00	18.5	19862	17089	12382	6656				
		432	5429	1.16	20	20826	18508	13826	8320				
48HES8B	1-1/2	464	5831	1.43	22	22369	20355	16053	12048	6765			
		496	6233	1.75	25	23911	22082	18172	14533	9320			
48HES9B	2	520	6535	2.02	27	25068	23352	19712	16282	12487	7665		
		542	6811	2.29	28	26129	24496	21129	17846	14422	9361		
48HES10B	3	566	7113	2.60	30	27286	25733	22774	19506	16280	11890	8081	
		588	7389	2.92	32	28346	26862	24605	20982	17901	14596	9817	
		614	7716	3.33	34	29600	28189	26361	22677	19770	16762	12137	
48HES11B	5	644	8093	3.83	37	31046	29706	28106	24599	21869	19033	15979	8351
		672	8445	4.36	39	32396	31116	29659	26418	23766	21070	18314	10809
		702	8822	4.97	42	33842	32622	31258	28584	25734	23199	20593	13237
		728	9148	5.54	45	35095	33923	32635	30725	27403	24998	22493	16845
48HES12B	7-1/2	754	9475	6.16	48	36349	35221	33995	32407	29069	26750	24356	19362
		780	9802	6.81	51	37602	36515	35339	33933	30777	28457	26180	21464
		808	10154	7.55	54	38952	37904	36780	35497	32789	30259	28098	23586
		830	10430	8.20	57	40013	38993	37908	36698	34670	31667	29570	25203

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 54 inches
Prop Type - Extruded Aluminum Airfoil
Maximum MHP = 15
Maximum Frame = 256T
Maximum RPM - 742
Tip Speed (FPM) = 14.14 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 54.3 sq. ft.
Intake Velocity (FPM) - (CFM/54.3)
Roof Opening Square - 61-1/2 inches
Matching Curb - RCG, RCA-64
Approx. Shipping Weight - 1235 lbs.

54 HES

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
54HES7B	1	326	4609	0.92	15.6	23236	18724	10309					
		350	4948	1.12	17.5	24946	21200	13571					
54HES8B	1-1/2	384	5429	1.51	21	27370	24607	17378	10493				
		392	5542	1.62	21	27940	25275	18403	11604				
		402	5683	1.75	22	28653	26105	19791	13011				
54HES9B	2	414	5853	1.91	23	29508	27079	21444	14691	7827			
		426	6022	2.08	24	30363	28027	22940	16289	9728			
		442	6249	2.31	26	31504	29284	24656	18172	11924			
54HES10B	3	462	6531	2.62	28	32929	30835	26570	20318	14715	8581		
		480	6786	2.97	29	34212	32211	28287	22526	17232	11399		
		498	7040	3.32	31	35495	33580	30364	25031	19567	13857	7017	
54HES11B	5	520	7351	3.78	33	37063	35246	32731	27889	22011	16941	11667	
		542	7662	4.26	35	38631	36899	34711	30263	24447	19987	14695	
		566	8002	4.88	38	40342	38690	36710	32557	27634	22950	18046	
		590	8341	5.53	40	42052	40475	38653	34862	30912	25528	21393	11868
54HES12B	7-1/2	612	8652	6.15	43	43620	42106	40387	37440	33512	28072	24212	15085
		640	9048	7.06	46	45616	44175	42581	40371	36318	31908	27290	18930
		674	9528	8.22	50	48039	46679	45185	43363	39523	36323	31215	23705
54HES13B	10	702	9924	9.31	54	50035	48732	47317	45689	42654	39295	35082	27390
		716	10122	9.88	55	51033	49756	48379	46817	44316	40648	37003	29036
		742	10490	10.97	59	52886	51656	50345	48871	46888	43086	40225	31827

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

60 HES Data

Prop Diameter - 60 inches

Prop Type - Extruded

Aluminum Airfoil

Maximum MHP = 15

Maximum Frame = 256T

Maximum RPM - 642

Tip Speed (FPM) = 15.71 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

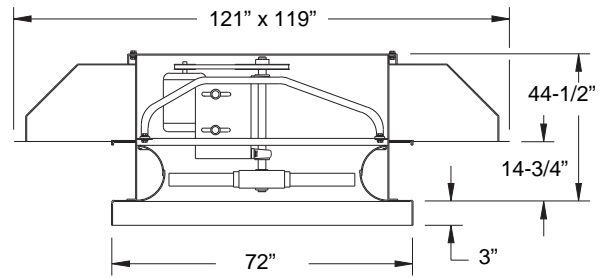
Intake Area - 64.8 sq. ft.

Intake Velocity (FPM) - (CFM/64.8)

Roof Opening Square - 67-1/2 inches

Matching Curb - RCG, RCA-70

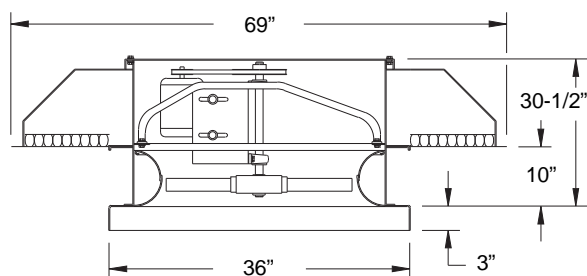
Approx. Shipping Weight - 1550 lbs.



60 HES

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
60HES7B	1	280	4398	0.92	15.0	25705	18817						
		294	4618	1.06	16.1	26991	20475						
60HES8B	1-1/2	322	5058	1.40	18.7	29561	23886	16652					
		344	5404	1.71	21	31581	26476	20198					
60HES9B	2	350	5498	1.80	21	32132	27156	21007					
		364	5718	2.02	23	33417	28711	22779	10923				
		378	5938	2.26	24	34702	30231	24479	15217				
60HES10B	3	384	6032	2.37	25	35253	30870	25194	17802				
		412	6472	2.94	28	37824	33811	28502	23403	11480			
		430	6754	3.34	30	39476	35667	30673	25901	14793			
60HES11B	5	458	7194	4.03	33	42047	38503	34097	29385	24058	12515		
		486	7634	4.83	36	44617	41303	37387	32713	28498	18645		
		508	7980	5.50	39	46637	43479	39858	35317	31374	26091		
60HES12B	7-1/2	530	8325	6.26	41	48657	45642	42258	37974	34069	29925	19348	
		538	8451	6.55	42	49391	46426	43119	38958	35028	31103	23217	
		552	8671	7.07	44	50677	47790	44606	40675	36689	33027	27602	
		566	8891	7.61	46	51962	49151	46084	42372	38340	34833	30397	
60HES13B	10	580	9111	8.18	48	53247	50507	47540	44031	39995	36568	32691	
		594	9331	8.81	50	54532	51861	48988	45649	41669	38264	34735	
		606	9519	9.35	52	55634	53018	50223	47012	43122	39698	36356	20274
		616	9676	9.81	53	56552	53981	51245	48129	44343	40883	37643	24193
		642	10085	11.09	57	58939	56478	53876	50984	47529	43954	40866	32881

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 24 inches
Prop Type - Extruded Aluminum Airfoil
Maximum MHP = 3
Maximum Frame = 182T
Maximum RPM - 1635
Tip Speed (FPM) = 6.28 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 23.5 sq. ft.
Intake Velocity (FPM) - (CFM/23.5)
Roof Opening Square - 31-1/2 inches
Matching Curb - RCG, RCA-34
Approx. Shipping Weight - 525 lbs.

24 HEF

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
24HEF3B	1/4	780	4901	0.25	12.4	4579	3878	2738	1329				
		820	5152	0.29	13.5	4814	4154	3118	1820				
24HEF4B	1/3	845	5309	0.32	14.1	4960	4323	3334	2017				
		870	5466	0.35	14.8	5107	4489	3545	2190	1003			
		890	5592	0.38	15.4	5225	4621	3713	2330	1348			
24HEF5B	1/2	950	5969	0.45	17.2	5577	5011	4222	3293	2128			
		995	6252	0.52	18.5	5841	5301	4631	3736	2463			
		1035	6503	0.59	19.5	6076	5556	4977	4084	2743			
24HEF6B	3/4	1070	6723	0.65	21	6281	5778	5246	4379	3197	2446		
		1105	6943	0.72	22	6487	5999	5498	4672	3894	2703		
		1140	7163	0.79	23	6692	6220	5741	4968	4234	2944		
		1175	7383	0.86	23	6898	6439	5979	5273	4543	3219		
24HEF7B	1	1215	7634	0.96	25	7133	6689	6247	5639	4884	4105	2992	
		1260	7917	1.06	26	7397	6968	6544	6033	5262	4597	3305	
		1295	8137	1.16	27	7602	7185	6772	6310	5555	4917	3616	
24HEF8B	1-1/2	1340	8419	1.28	28	7866	7463	7065	6640	5940	5305	4616	
		1385	8702	1.41	30	8131	7740	7354	6955	6364	5684	5081	3331
		1430	8985	1.56	31	8395	8017	7643	7262	6755	6061	5485	3640
		1485	9331	1.74	33	8718	8353	7993	7630	7206	6527	5956	4048
24HEF9B	2	1530	9613	1.90	34	8982	8628	8278	7928	7542	6926	6334	5087
		1580	9927	2.09	36	9275	8933	8593	8255	7897	7384	6753	5683
		1635	10273	2.33	38	9598	9267	8939	8612	8275	7858	7221	6192

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

30 HEF Data

Prop Diameter - 30 inches

Prop Type - Extruded

Aluminum Airfoil

Maximum MHP = 5

Maximum Frame = 184T

Maximum RPM -1330

Tip Speed (FPM) = 7.85 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

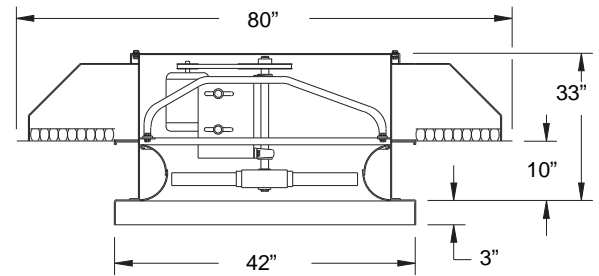
Intake Area - 31.6 sq. ft.

Intake Velocity (FPM) - (CFM/31.6)

Roof Opening Square - 37-1/2 inches

Matching Curb - RCG, RCA-40

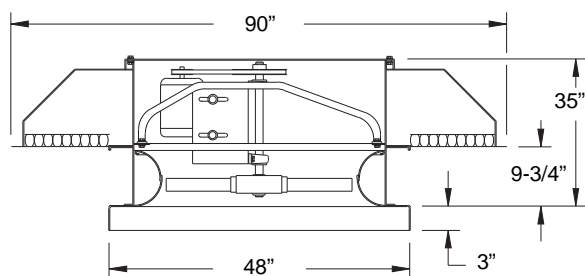
Approx. Shipping Weight - 610 lbs.



30 HEF

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
30HEF4B	1/3	600	4712	0.30	12.5	6691	5496	3371					
		625	4909	0.34	13.4	6970	5870	3954					
		645	5066	0.38	14.0	7193	6142	4381					
30HEF5B	1/2	680	5341	0.44	15.1	7583	6600	4987	2506				
		715	5616	0.51	16.4	7974	7042	5528	3397				
		745	5851	0.58	17.5	8308	7415	5988	4378	2145			
30HEF6B	3/4	800	6283	0.72	19.5	8922	8090	6896	5555	3161			
		850	6676	0.86	22	9479	8696	7796	6376	4805	2752		
30HEF7B	1	895	7029	1.00	23	9981	9236	8455	7066	5840	3545	2017	
		935	7343	1.15	25	10427	9714	8988	7686	6613	4932	3085	
30HEF8B	1-1/2	985	7736	1.34	27	10985	10307	9630	8541	7417	6180	3974	
		1035	8129	1.56	29	11543	10897	10257	9453	8182	7212	5727	
		1075	8443	1.74	31	11989	11367	10751	10058	8801	7882	6680	3478
30HEF9B	2	1105	8679	1.89	31	12323	11718	11120	10475	9289	8350	7342	3998
		1140	8954	2.08	33	12714	12127	11546	10941	9911	8886	8011	4645
		1180	9268	2.30	35	13160	12592	12031	11459	10655	9499	8673	6148
30HEF10B	3	1225	9621	2.57	38	13661	13115	12573	12029	11380	10209	9371	7345
		1275	10014	2.90	40	14219	13694	13173	12654	12082	11089	10133	8457
		1330	10446	3.30	43	14832	14329	13829	13332	12811	12099	10993	9484

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 36 inches
Prop Type - Extruded Aluminum Airfoil
Maximum MHP = 7.5
Maximum Frame = 215T
Maximum RPM - 1160
Tip Speed (FPM) = 9.42 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 39.6 sq. ft.
Intake Velocity (FPM) - (CFM/39.6)
Roof Opening Square - 43-1/2 inches
Matching Curb - RCG, RCA-46
Approx. Shipping Weight - 840 lbs.

36 HEF

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
36HEF4B	1/3	405	3817	0.23	9.3	7543	4779						
		440	4147	0.30	10.7	8195	5722	2233					
		475	4477	0.38	12.3	8847	6611	3273					
36HEF5B	1/2	515	4854	0.48	13.9	9592	7566	4974					
		550	5184	0.58	15.3	10244	8363	6112	3226				
36HEF6B	3/4	585	5513	0.71	16.9	10895	9143	7097	4094				
		625	5890	0.86	18.7	11640	10015	8164	5858	3300			
36HEF7B	1	655	6173	1.00	20	12199	10661	8932	6924	4260			
		690	6503	1.16	22	12851	11407	9794	7955	5212	3205		
36HEF8B	1-1/2	725	6833	1.35	23	13503	12145	10622	8924	6899	4594		
		765	7210	1.58	25	14248	12979	11539	9987	8263	5581	4019	
		805	7587	1.85	27	14993	13806	12435	11010	9418	7484	5278	
36HEF9B	2	835	7870	2.06	29	15552	14422	13098	11751	10246	8598	6009	
		865	8152	2.29	31	16110	15034	13754	12471	11050	9527	7370	3590
36HEF10B	3	905	8529	2.63	32	16855	15846	14620	13404	12091	10669	9092	5491
		940	8859	2.94	35	17507	16552	15370	14201	12974	11630	10211	6322
		975	9189	3.28	38	18159	17255	16115	14987	13831	12563	11227	7336
36HEF11B	5	1010	9519	3.65	40	18811	17955	16854	15762	14664	13471	12203	9080
		1050	9896	4.10	42	19556	18752	17692	16640	15592	14481	13284	10669
		1085	10226	4.52	44	20208	19447	18420	17400	16389	15340	14205	11779
		1120	10556	4.97	47	20860	20140	19145	18155	17175	16178	15104	12799
		1160	10933	5.52	49	21604	20929	19968	19011	18063	17112	16106	13919

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

42 HEF Data

Prop Diameter - 42 inches

Prop Type - Extruded

Aluminum Airfoil

Maximum MHP = 7.5

Maximum Frame = 215T

Maximum RPM - 880

Tip Speed (FPM) = 11.00 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

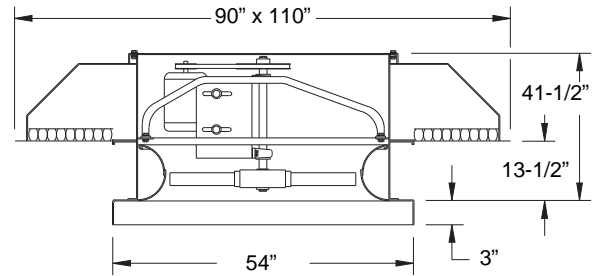
Intake Area - 47.8 sq. ft.

Intake Velocity (FPM) - (CFM/47.8)

Roof Opening Square - 49-1/2 inches

Matching Curb - RCG, RCA-52

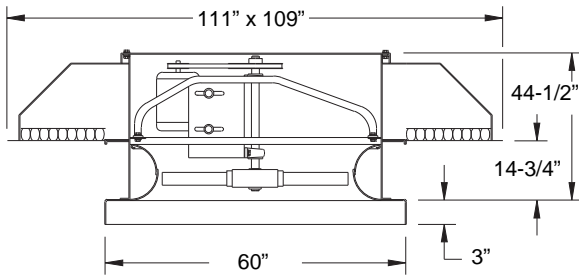
Approx. Shipping Weight - 1100 lbs.



42 HEF

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
42HEF5B	1/2	390	4288	0.47	11.6	11973	8988	4367					
		420	4618	0.59	13.2	12894	10122	6352					
42HEF6B	3/4	450	4948	0.72	14.8	13815	11225	8145	4079				
		480	5278	0.88	16.6	14736	12473	9513	5454				
42HEF7B	1	500	5498	1.00	17.7	15350	13473	10468	6534				
		520	5718	1.13	18.8	15964	14311	11385	8284	4730			
42HEF8B	1-1/2	560	6158	1.40	21	17192	15784	13043	10366	6568			
		600	6597	1.73	23	18420	17149	14535	12232	9530	6169		
42HEF9B	2	630	6927	2.00	25	19341	18157	15634	13637	11235	7540		
		660	7257	2.30	27	20262	19144	16792	14939	12570	9649	6879	
42HEF10B	3	700	7697	2.74	29	21490	20451	18728	16513	14466	12364	8793	
		720	7917	2.99	30	22104	21102	19623	17259	15404	13252	10285	5675
		745	8192	3.31	32	22871	21909	20621	18173	16526	14382	12412	7167
42HEF11B	5	775	8522	3.72	34	23792	22871	21711	19276	17779	15810	13913	8511
		790	8686	3.95	35	24253	23351	22252	19837	18369	16524	14573	9197
		810	8906	4.26	37	24867	23990	22943	20632	19132	17454	15471	10254
		820	9016	4.42	38	25174	24310	23284	21071	19507	17903	15939	10922
		845	9291	4.83	40	25941	25106	24133	22307	20427	18991	17130	13167
		880	9676	5.46	42	27015	26219	25316	23960	21706	20410	18781	15389

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 48 inches
Prop Type - Extruded Aluminum Airfoil
Maximum MHP = 10
Maximum Frame = 254T
Maximum RPM - 816
Tip Speed (FPM) = 12.57 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 59.3 sq. ft.
Intake Velocity (FPM) - (CFM/59.3)
Roof Opening Square - 55-1/2 inches
Matching Curb - RCG, RCA-58
Approx. Shipping Weight - 1200 lbs.

48 HEF

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
48HEF6B	3/4	370	4650	0.75	13.7	16828	13031	8368					
		390	4901	0.88	14.9	17738	14109	9909	4214				
48HEF7B	1	410	5152	1.02	16.3	18647	15207	11425	5806				
		428	5378	1.17	17.5	19466	16299	12718	7102				
48HEF8B	1-1/2	460	5781	1.46	19.7	20922	18597	14795	10814	5749			
		488	6132	1.74	22	22195	20159	16465	12917	7707			
48HEF9B	2	516	6484	2.05	24	23469	21612	18035	15004	11138	6559		
		538	6761	2.33	25	24469	22720	19225	16504	13010	8080		
48HEF10B	3	560	7037	2.63	27	25470	23816	20413	17911	14648	9934		
		582	7314	2.95	28	26470	24891	21629	19248	16321	12960	8357	
		606	7615	3.32	30	27562	26058	23101	20642	18035	14880	10107	
48HEF11B	5	634	7967	3.81	32	28835	27413	25248	22198	19884	16980	13854	6517
		664	8344	4.38	34	30200	28852	27096	23820	21746	19218	16312	9109
		692	8696	4.95	37	31473	30186	28609	25334	23392	21138	18410	11040
		718	9023	5.54	39	32656	31420	29970	26781	24857	22814	20372	14114
48HEF12B	7-1/2	744	9349	6.16	41	33838	32651	31284	28422	26279	24410	22212	17077
		770	9676	6.83	44	35021	33878	32590	30476	27682	25941	23938	19078
		794	9978	7.49	46	36112	35009	33781	32048	28979	27306	25456	20872
		816	10254	8.13	48	37133	36043	34856	33344	30189	28522	26799	22549

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

54 HEF Data

Prop Diameter - 54 inches

Prop Type - Extruded

Aluminum Airfoil

Maximum MHP = 15

Maximum Frame = 256T

Maximum RPM - 735

Tip Speed (FPM) = 14.14 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

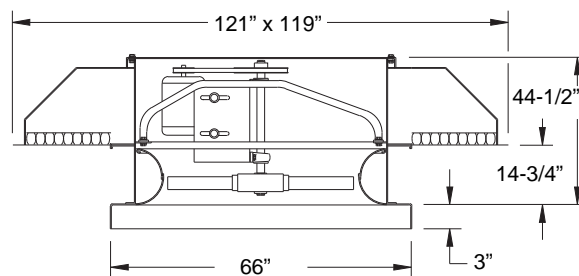
Intake Area - 70.3 sq. ft.

Intake Velocity (FPM) - (CFM/70.3)

Roof Opening Square - 61-1/2 inches

Matching Curb - RCG, RCA-64

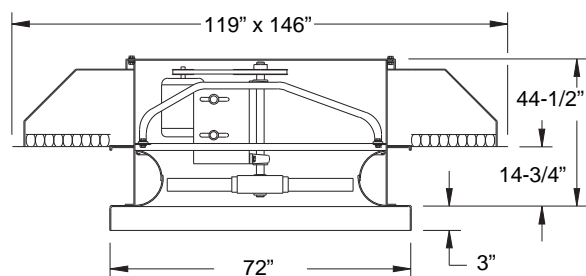
Approx. Shipping Weight - 1345 lbs.



54 HEF

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
54HEF7B	1	315	4453	0.84	13.3	20044	15182						
		350	4948	1.15	15.6	22271	17973	11135					
54HEF8B	1-1/2	380	5372	1.48	17.8	24180	20241	14747	8248				
		390	5513	1.60	18.6	24816	20997	15840	9264				
		400	5655	1.72	19.4	25452	21748	16938	10297				
54HEF9B	2	420	5938	1.99	21	26725	23234	19053	12554				
		430	6079	2.14	22	27361	23969	20046	13810	8553			
		440	6220	2.29	23	27997	24698	20986	15097	9649			
54HEF10B	3	460	6503	2.62	24	29270	26140	22702	17469	11691			
		475	6715	2.88	26	30225	27210	23892	19111	13325	8791		
		495	6998	3.26	27	31497	28620	25420	21298	15750	11101		
54HEF11B	5	520	7351	3.78	30	33088	30367	27308	23895	18905	13676	9573	
		545	7705	4.35	32	34679	32093	29200	26243	21685	16548	12440	
		565	7987	4.85	34	35951	33465	30705	27937	23879	19101	14489	
		590	8341	5.52	36	37542	35170	32564	29897	26536	22124	17176	
54HEF12B	7-1/2	615	8694	6.25	39	39133	36861	34401	31794	28999	24866	20417	12880
		640	9048	7.05	41	40724	38545	36210	33683	31229	27599	23519	15446
		670	9472	8.09	44	42633	40557	38356	35953	33654	30717	26835	18646
54HEF13B	10	700	9896	9.22	47	44541	42559	40473	38205	35946	33562	30117	22269
		720	10179	10.04	49	45814	43888	41875	39691	37457	35286	32231	24843
		735	10391	10.68	51	46768	44883	42919	40797	38590	36512	33754	26689

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 60 inches
Prop Type - Extruded Aluminum Airfoil
Maximum MHP = 15
Maximum Frame = 256T
Maximum RPM - 634
Tip Speed (FPM) = 15.71 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake Area - 81.0 sq. ft.
Intake Velocity (FPM) - (CFM/81.0)
Roof Opening Square - 67-1/2 inches
Matching Curb - RCG, RCA-70
Approx. Shipping Weight - 1700 lbs.

60 HEF

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
60HEF7B	1	270	4241	0.84	12.6	22980	16396						
		288	4524	1.02	14.0	24512	18500						
		296	4650	1.11	14.6	25193	19374						
60HEF8B	1-1/2	326	5121	1.47	17.0	27746	22440	14623					
		346	5435	1.75	18.7	29449	24445	18482					
60HEF9B	2	352	5529	1.85	19.2	29959	25061	19319					
		364	5718	2.06	20	30981	26350	20919					
		378	5938	2.31	21	32172	27985	22709	12141				
60HEF10B	3	396	6220	2.65	23	33704	30038	24877	16703	9498			
		412	6472	2.98	25	35066	31697	26684	20809	11305			
		430	6754	3.39	26	36598	33463	28598	23508	13266			
60HEF11B	5	454	7131	3.99	29	38641	35752	31033	26681	17464	11916		
		482	7571	4.78	32	41024	38355	33832	30120	25050	14968		
		494	7760	5.14	33	42045	39462	35042	31506	26795	16438		
		508	7980	5.59	35	43237	40736	36507	33056	28691	19784	14215	
60HEF12B	7-1/2	520	8168	6.00	36	44258	41824	37850	34329	30263	24422	15516	
		532	8357	6.43	37	45280	42909	39271	35575	31793	26883	16868	
		546	8577	6.95	39	46471	44172	40915	37000	33518	29066	18704	
		560	8796	7.50	40	47663	45431	42477	38404	35178	31011	23609	
		572	8985	7.98	42	48684	46508	43725	39603	36556	32611	27317	
		580	9111	8.32	43	49365	47223	44553	40400	37443	33658	28969	
60HEF13B	10	602	9456	9.31	45	51237	49180	46729	42613	39804	36445	32398	
		624	9802	10.37	48	53110	51131	48865	44912	42068	39087	35381	20676
		634	9959	10.87	50	53961	52016	49807	46036	43080	40245	36694	22198

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. The AMCA certified ratings seal applies to air performance ratings only. *Sone values are for maximum cataloged CFM at specified RPM.

24 HER Data

Prop Diameter - 24 inches

Prop Type - Reversible Extruded
Aluminum Airfoil

Maximum MHP = 3

Maximum Frame = 182T

Maximum RPM - 1635

Tip Speed (FPM) = 6.28 x RPM

Base Material - 14 gauge Lorenized® steel

Hood Material - 18 gauge galvanized steel

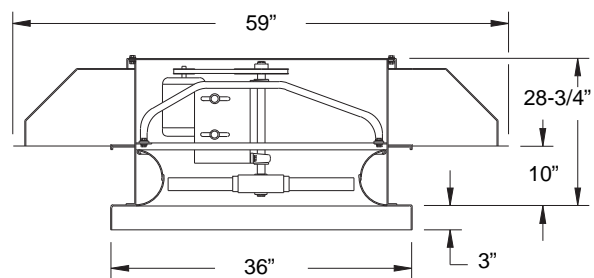
Intake/Outlet Area - 14.9 sq. ft.

Intake/Outlet Velocity (FPM) - (CFM/14.9)

Roof Opening Square - 31-1/2 inches

Matching Curb - RCG, RCA-34

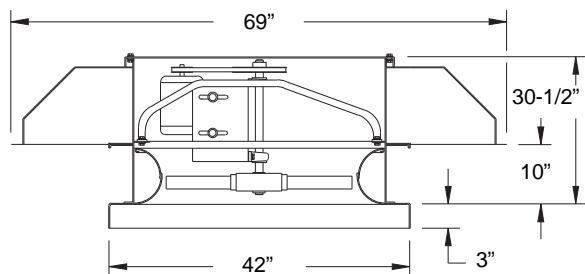
Approx. Shipping Weight - 480 lbs.



24 HER

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
24HER3B	1/4	755	4741	0.18	14.0	3801	2738						
		790	4961	0.20	15.0	3978	2946						
		815	5118	0.22	15.8	4104	3097						
		825	5181	0.28	16.1	4154	3165	2267					
24HER4B	1/3	845	5307	0.30	16.8	4255	3299	2378					
		880	5526	0.33	18.0	4431	3549	2608					
		940	5903	0.37	20	47.33	3990	3119					
24HER5B	1/2	975	6123	0.40	21	4909	4235	3343					
		1000	6280	0.43	22	5035	4397	3489					
		1005	6311	0.51	22	5060	4429	3517	2746				
		1035	6500	0.55	23	5211	4618	3687	2913				
24HER6B	3/4	1070	6720	0.60	25	5388	4831	3884	3135				
		1140	7159	0.67	27	5740	5237	4304	3737				
		1160	7285	0.79	28	5841	5349	4430	3883	3168			
		1185	7442	0.83	29	5967	5489	4599	4040	3306			
24HER7B	1	1220	7662	0.90	30	6143	5684	4839	4246	3517			
		1290	8101	1.00	33	6495	6067	5355	4641	4093			
		1300	8164	1.11	33	6546	6121	5430	4698	4181	3559		
24HER8B	1-1/2	1340	8415	1.20	35	6747	6338	5718	4930	4487	3782		
		1415	8886	1.35	38	7125	6741	6223	5388	4938	4320		
		1440	9043	1.50	39	7251	6875	6382	5556	5080	4554	3987	
		1495	9389	1.65	42	7527	7166	6725	5933	5389	4996	4312	
24HER9B	2	1535	9640	1.75	44	7729	7378	6960	6225	5618	5247	4599	
		1590	9985	1.85	46	8006	7668	7280	6634	5953	5567	5102	
		1635	10268	1.95	49	8232	7905	7534	6960	6229	5821	5453	

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 30 inches
Prop Type - Reversible Extruded Aluminum Airfoil
Maximum MHP = 5
Maximum Frame = 184T
Maximum RPM - 1325
Tip Speed (FPM) = 7.85 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake/Outlet Area - 20.5 sq. ft.
Intake/Outlet Velocity (FPM) - (CFM/20.5)
Roof Opening Square - 37-1/2 inches
Matching Curb - RCG, RCA-40
Approx. Shipping Weight - 560 lbs.

30 HER

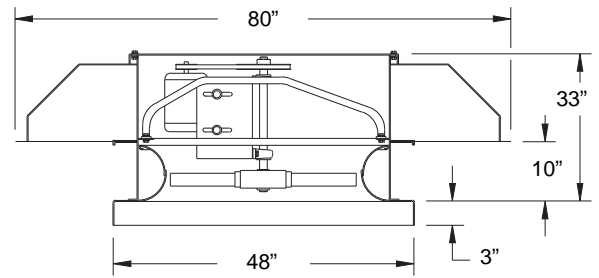
Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
30HER4B	1/3	600	4710	0.27	15.1	5828	4170						
		625	4906	0.30	16.0	6071	4451						
		650	5103	0.33	17.0	6314	4743						
		660	5181	0.35	17.4	6411	4867						
30HER5B	1/2	670	5260	0.45	17.8	6508	4997	3588					
		700	5495	0.50	19.0	6800	5399	3936					
		740	5809	0.55	21	7188	5970	4604					
30HER6B	3/4	770	6045	0.60	22	7480	6383	5024					
		810	6359	0.68	24	7868	6895	5478					
		820	6437	0.83	24	7966	7017	5587	4388				
30HER7B	1	850	6673	0.91	26	8257	7378	5913	4732				
		895	7026	1.00	28	8694	7885	6425	5442				
		935	7340	1.08	30	9083	8323	6904	6054				
30HER8B	1-1/2	965	7575	1.34	32	9374	8646	7292	6409	5263			
		1015	7968	1.50	34	9860	9179	7987	6959	5951			
		1045	8203	1.57	36	10151	9493	8421	7285	6485			
30HER9B	2	1065	8360	1.81	37	10345	9702	8702	7505	6790	5733		
		1110	8714	2.00	40	10783	10171	9311	8031	7352	6270		
		1145	8988	2.12	42	11123	10533	9744	8454	7742	6832		
30HER10B	3	1170	9185	2.40	44	11365	10789	10049	8778	8014	7278	6317	
		1230	9656	2.70	47	11948	11403	10750	9599	8669	8092	7075	
		1310	10284	3.00	52	12725	12216	11638	10735	9603	8980	8396	
		1325	10401	3.08	53	12871	12368	11800	10939	9799	9143	8594	

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.

36 HER Data

Prop Diameter - 36 inches
Prop Type - Reversible Extruded Aluminum Airfoil
Maximum MHP = 7.5
Maximum Frame = 215T
Maximum RPM -1145
Tip Speed (FPM) = 9.42 x RPM

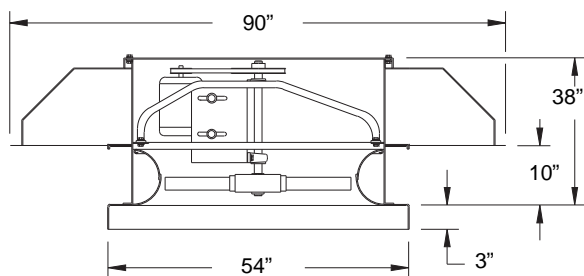
Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake/Outlet Area - 28 sq. ft.
Intake/Outlet Velocity (FPM) - (CFM/28)
Roof Opening Square - 43-1/2 inches
Matching Curb - RCG, RCA-46
Approx. Shipping Weight - 780 lbs.



36 HER

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
36HER4B	1/3	425	4004	0.27	12.7	7076	4291						
		450	4239	0.30	13.9	7492	4983						
		470	4427	0.33	14.8	7825	5385						
		495	4663	0.37	16.0	8241	5854						
36HER5B	1/2	510	4804	0.40	16.8	8491	6135						
		530	4993	0.45	17.8	8824	6531						
		540	5087	0.47	18.3	8991	6731						
36HER6B	3/4	545	5134	0.61	18.5	9074	6831	4864					
		570	5369	0.68	19.7	9490	7382	5327					
		595	5605	0.75	21	9906	7976	5892					
		630	5935	0.82	23	10489	8830	6895					
36HER7B	1	650	6123	0.88	24	10822	9295	7330					
		660	6217	0.91	24	10988	9521	7527					
		665	6264	1.11	25	11072	9626	7622	5909				
36HER8B	1-1/2	690	6500	1.21	26	11488	10149	8092	6373				
		720	6782	1.34	28	11987	10755	8653	6996				
		765	7206	1.49	30	12737	11618	9546	8285				
36HER9B	2	785	7395	1.79	32	13070	11989	9972	8749	7145			
		820	7724	2.00	34	13652	12634	10763	9441	7823			
		855	8054	2.17	37	14235	13269	11611	10095	8730			
36HER10B	3	865	8148	2.42	37	14401	13448	11859	10281	9047	7754		
		905	8525	2.71	40	15067	14164	12815	11051	10072	8500		
		935	8808	2.92	43	15567	14699	13498	11653	10676	9171		
		960	9043	3.28	45	15983	15141	14023	12181	11149	9890	8724	
36HER11B	5	1050	9891	4.01	53	17482	16718	15823	14291	12862	12024	10782	
		1080	10174	4.19	55	17981	17240	16395	15030	13462	12590	11670	
		1105	10409	5.01	58	18397	17675	16859	15616	13987	13055	12264	10009
		1145	10786	5.48	61	19063	18369	17597	16529	14873	13805	13072	10757

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 42 inches
Prop Type - Reversible Extruded Aluminum Airfoil
Maximum MHP = 7.5
Maximum Frame = 215T
Maximum RPM - 920
Tip Speed (FPM) = 11.00 x RPM

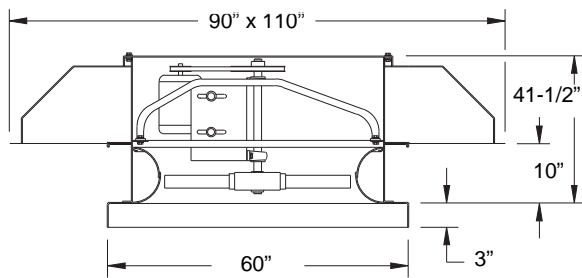
Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake/Outlet Area - 35.5 sq. ft.
Intake/Outlet Velocity (FPM) - (CFM/35.5)
Roof Opening Square - 49-1/2 inches
Matching Curb - RCG, RCA-52
Approx. Shipping Weight - 1020 lbs.

42 HER

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
42HER5B	1/2	375	4125	0.37	14.0	10154	6556						
		390	4290	0.41	14.9	10560	7038						
		410	4510	0.45	16.1	11102	7654						
		430	4730	0.50	17.3	11644	8255						
		445	4895	0.54	18.2	12050	8713						
42HER6B	3/4	460	5060	0.59	19.1	12456	9196						
		470	5170	0.80	19.7	12727	9514	7313					
		480	5280	0.83	20	12997	9862	7658					
42HER7B	1	500	5500	0.91	21	13539	10568	8296					
		520	5720	1.00	23	14081	11309	8936					
		540	5940	1.09	24	14622	12063	9585					
42HER8B	1-1/2	560	6160	1.19	25	15164	12800	10219					
		570	6270	1.23	26	15434	13157	10526					
		585	6435	1.52	27	15841	13673	10980	9283				
42HER9B	2	600	6600	1.60	28	16247	14185	11430	9769				
		630	6930	1.79	30	17059	15151	12343	10723				
		655	7205	1.96	32	17736	15937	13147	11534				
42HER10B	3	685	7535	2.40	34	18548	16853	14161	12489	11032			
		720	7920	2.70	37	19496	17908	15421	13553	12142			
		740	8140	3.16	38	20038	18499	16168	14153	12788	11450		
		760	8360	3.31	40	20579	19088	16923	14759	13437	12143		
42HER11B	5	810	8910	4.14	45	21933	20551	18741	16350	15005	13735	12520	
		845	9295	4.49	48	22881	21561	19940	17552	16058	14871	13704	
		885	9735	4.99	52	23964	22709	21237	19004	17269	16144	14972	
		920	10120	5.47	56	24912	23708	22345	20320	18391	17211	16107	

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.

48 HER Data



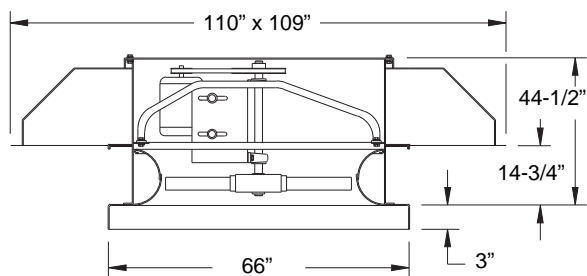
Prop Diameter - 48 inches
Prop Type - Reversible Extruded Aluminum Airfoil
Maximum MHP = 10
Maximum Frame = 254T
Maximum RPM - 818
Tip Speed (FPM) = 12.57 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake/Outlet Area - 43.2 sq. ft.
Intake/Outlet Velocity (FPM) - (CFM/43.2)
Roof Opening Square - 55-1/2 inches
Matching Curb - RCG, RCA-58
Approx. Shipping Weight - 1110 lbs.

48 HER

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
48HER7B	1	408	5129	1.04	20	16436	12221	9310					
		424	5330	1.11	22	17081	13030	10147					
		440	5531	1.20	23	17726	13879	10900					
48HER8B	1-1/2	462	5807	1.35	24	18612	15099	11955					
		484	6084	1.50	26	19498	16319	13008					
		498	6260	1.60	27	20062	17076	13654					
48HER9B	2	500	6285	1.90	27	20143	17178	13745	11422				
		516	6486	2.00	29	20787	17996	14464	12267				
		538	6763	2.20	30	21673	19083	15448	13309				
48HER10B	3	558	7014	2.40	32	22479	20033	16376	14263				
		574	7215	2.56	34	23124	20778	17140	15036				
		588	7391	3.01	35	23688	21415	17828	15706	13778			
		614	7718	3.30	37	24735	22590	19172	16908	15029			
48HER11B	5	644	8095	4.09	40	25944	23921	20825	18252	16454	14650		
		680	8548	4.51	43	27394	25497	22833	19893	18185	16498		
		704	8849	4.89	46	28361	26541	24134	21040	19297	17629		
		718	9025	5.50	47	28925	27146	24852	21723	19929	18299	16760	
48HER12B	7-1/2	750	9428	6.02	51	30214	28517	26469	23371	21359	19843	18312	
		788	9905	6.76	56	31745	30136	28277	25463	23105	21616	20117	
		814	10232	7.29	59	32792	31239	29487	26926	24346	22786	21373	
		818	10282	8.30	60	32953	31409	29669	27149	24536	22964	21565	18747

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.



Prop Diameter - 54 inches
Prop Type - Reversible Extruded Aluminum Airfoil
Maximum MHP = 15
Maximum Frame = 256T
Maximum RPM - 748
Tip Speed (FPM) = 14.14 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake/Outlet Area - 54.3 sq. ft.
Intake/Outlet Velocity (FPM) - (CFM/54.3)
Roof Opening Square - 61-1/2 inches
Matching Curb - RCG, RCA-64
Approx. Shipping Weight - 1235 lbs.

54 HER

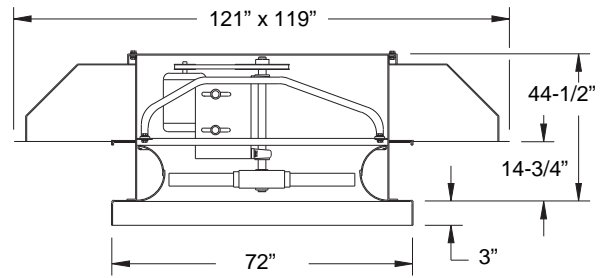
Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
54HER8B	1-1/2	366	5175	1.32	22	20940	15646	12018					
		372	5260	1.36	22	21283	16086	12462					
		388	5486	1.49	24	22198	17270	13547					
		404	5713	1.64	25	23114	18519	14628					
54HER9B	2	420	5939	1.79	26	24029	19796	15725					
		440	6222	1.99	28	25173	21350	17058					
		446	6306	2.05	29	25516	21793	17446					
54HER10B	3	450	6363	2.44	29	25745	22084	17702	14852				
		472	6674	2.69	31	27004	23663	19099	16378				
		494	6985	3.00	33	28263	25150	20530	17861				
		514	7268	3.28	36	29407	26470	21885	19232				
54HER11B	5	536	7579	3.99	38	30666	27888	23473	20705	18308			
		564	7975	4.49	41	32267	29667	25614	22498	20185			
		578	8173	5.21	43	33068	30541	26724	23386	21144	18949		
		596	8427	5.51	45	34098	31661	28155	24541	22376	20249		
54HER12B	7-1/2	618	8739	5.99	47	35357	33022	29866	26026	23847	21721		
		634	8965	6.87	49	36272	34008	31058	27105	24881	22801	20821	
		664	9389	7.52	53	37989	35834	33224	29297	26787	24858	22928	
		690	9757	8.23	56	39476	37409	34988	31312	28453	26600	24670	
54HER13B	10	718	10153	9.03	60	41078	39099	36858	33536	30350	28403	26589	
		732	10350	10.57	63	41879	39941	37764	34643	31293	29291	27544	24036
		748	10577	10.98	65	42794	40902	38795	35890	32465	30306	28619	25204

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.

60 HER Data

Prop Diameter - 60 inches
Prop Type - Reversible Extruded Aluminum Airfoil
Maximum MHP = 15
Maximum Frame = 256T
Maximum RPM - 642
Tip Speed (FPM) = 15.71 x RPM

Base Material - 14 gauge Lorenized® steel
Hood Material - 18 gauge galvanized steel
Intake/Outlet Area - 64.8 sq. ft.
Intake/Outlet Velocity (FPM) - (CFM/64.8)
Roof Opening Square - 67-1/2 inches
Matching Curb - RCG, RCA-70
Approx. Shipping Weight - 1550 lbs.



60 HER

Catalog Number	HP	RPM	Tip Speed	Max BHP	Sones*	CFM at Static Pressure							
						.000	.125	.250	.375	.500	.625	.750	1.000
60HER7B	1	270	4242	0.80	17.0	21146	13938						
		286	4493	0.91	18.5	22399	15377						
		300	4713	1.01	19.8	23495	16594						
		312	4902	1.10	21	24435	17649						
60HER8B	1-1/2	324	5090	1.20	22	25375	18767						
		328	5153	1.62	22	25688	19136	14636					
		332	5216	1.65	23	26001	19521	15056					
60HER9B	2	346	5436	1.79	24	27098	20921	16381					
		362	5687	1.99	26	28351	22622	17854					
		378	5938	2.20	28	29604	24371	19355					
60HER10B	3	394	6190	2.42	29	30857	26076	20822					
		404	6347	3.00	30	31640	27095	21706	18167				
		424	6661	3.30	32	33207	29068	23445	20085				
60HER11B	5	460	7227	3.99	37	36026	32372	26706	23429				
		466	7321	4.60	37	36496	32904	27259	23989	20926			
		486	7635	4.99	40	38062	34665	29258	25809	22863			
		506	7949	5.48	43	39629	36405	31363	27561	24696			
60HER12B	7-1/2	518	8138	6.39	44	40569	37432	32657	28602	25816	23066		
		536	8421	6.77	47	41978	38965	34620	30180	27506	24882		
		560	8798	7.48	50	43858	40998	37173	32395	29696	27081		
		566	8892	7.67	51	44328	41504	37785	32950	30228	27636		
60HER13B	10	590	9269	9.00	54	46207	43510	40166	35312	32321	29885	27520	
		618	9709	10.01	59	48400	45835	42813	38229	34768	32473	30087	
		642	10086	10.94	62	50280	47818	45021	40828	36978	34602	32332	

Performance shown is for Installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: Free inlet hemispherical fan sone levels. *Sone values are for maximum cataloged CFM at specified RPM.



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