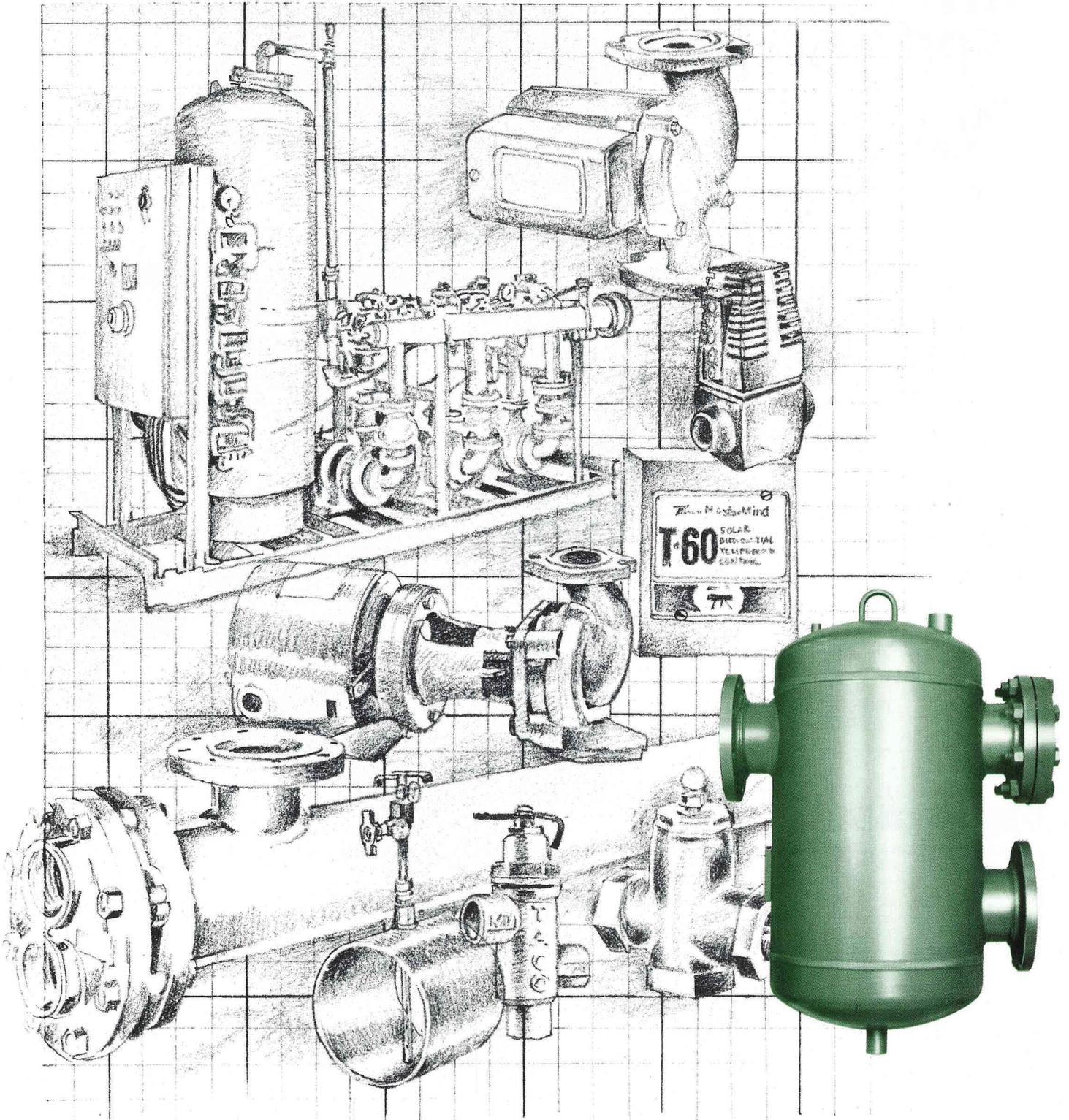




COMPARE. YOU'LL TAKE TACO.



# AIR SEPARATOR

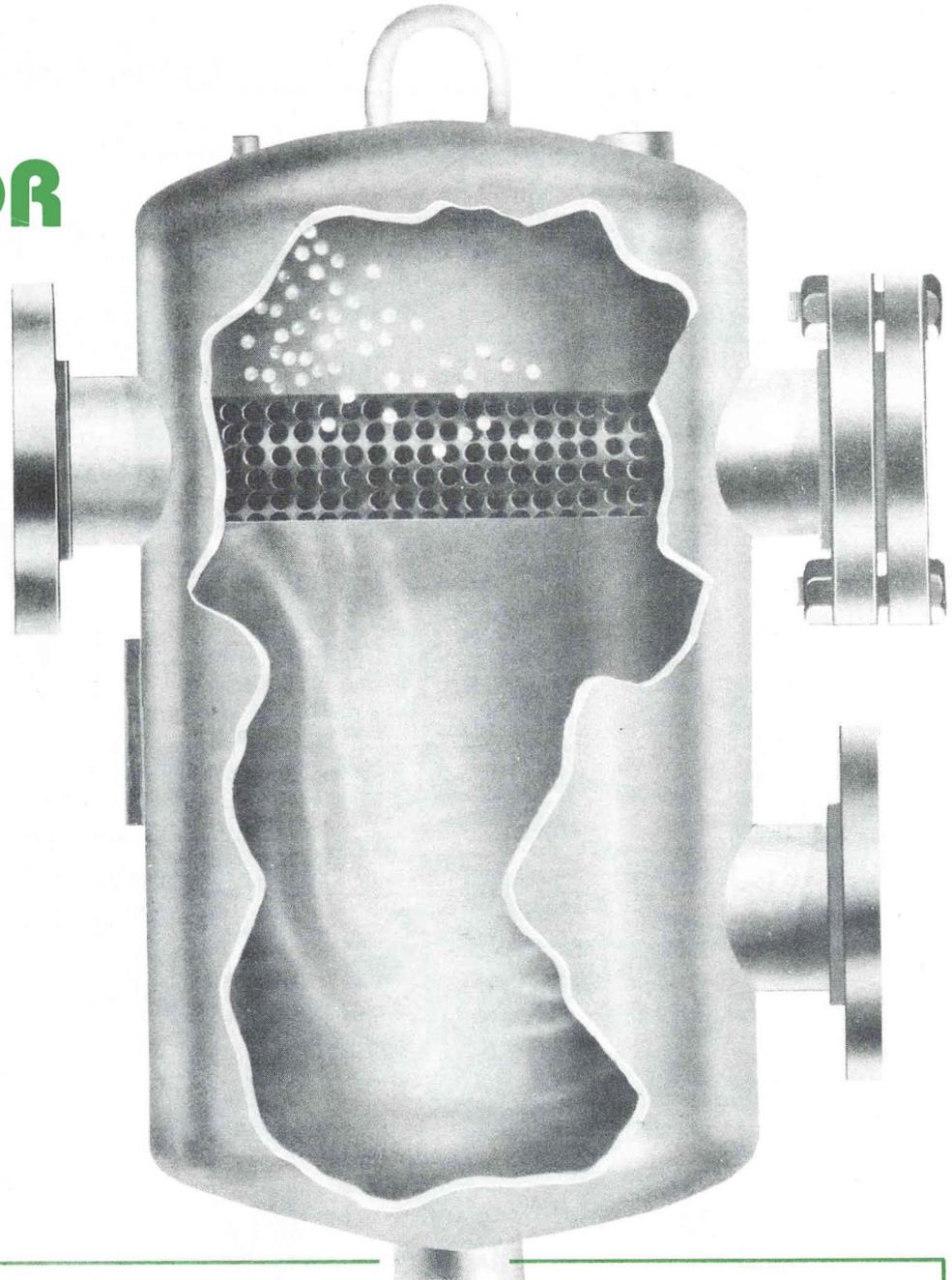
CATALOG 400-1.1



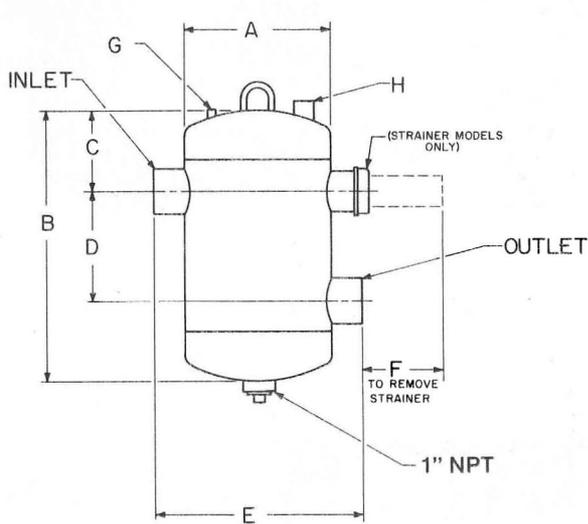
# AIR SEPARATOR

## FEATURES

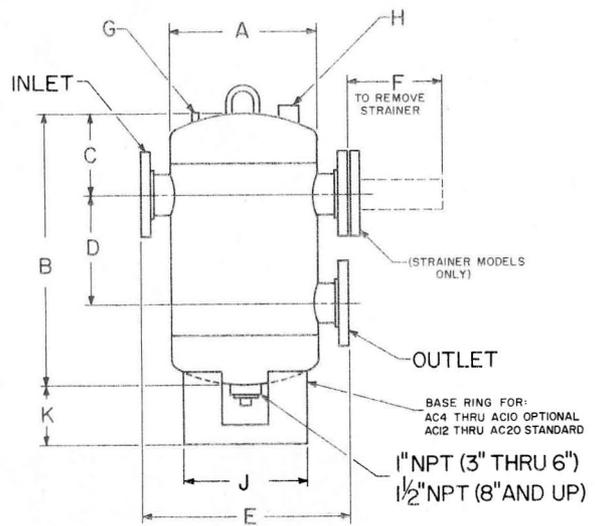
- ASME 125# construction.
- Stainless steel removable strainer.
- 375°F maximum operating temperature.
- Larger sizes require less space than tangential designs.
- Optional higher working pressures.



## DIMENSIONS



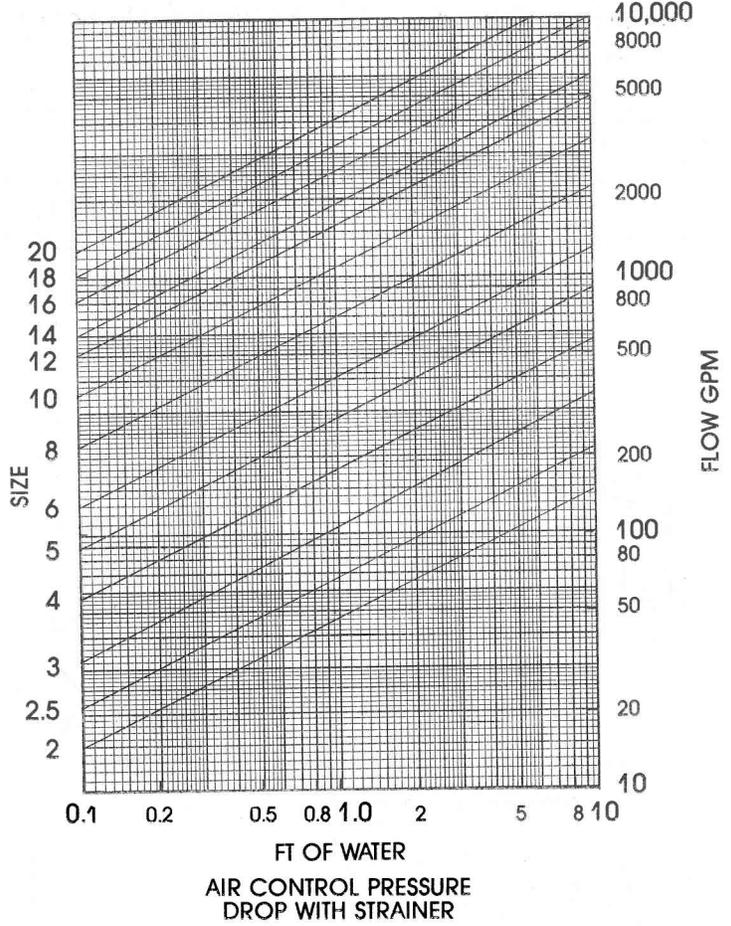
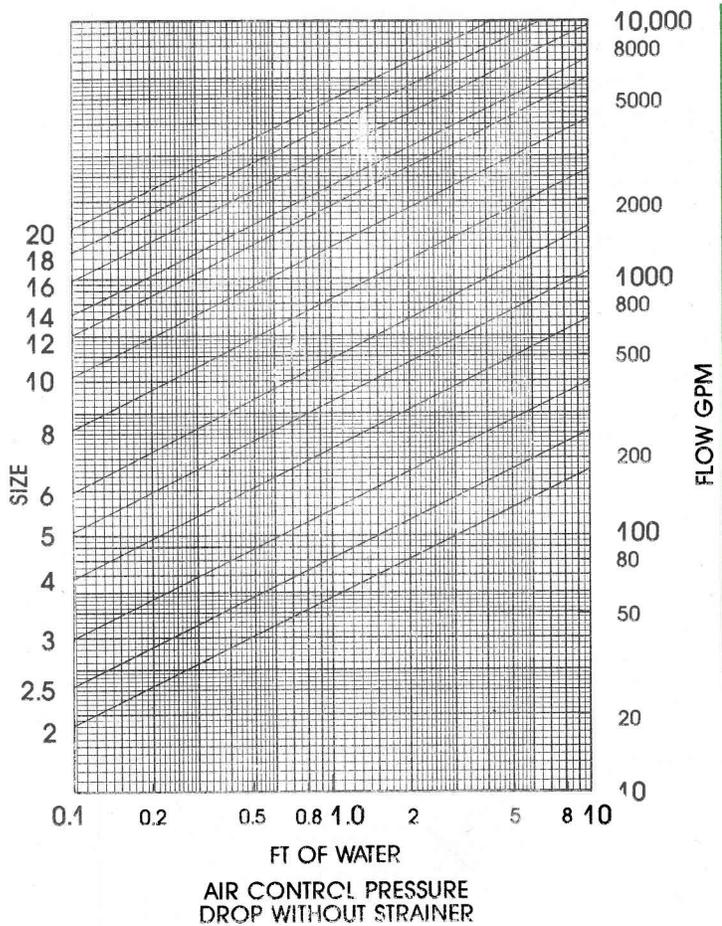
AC2F-AC25F



AC3F-AC20F

# PRESSURE DROP AND DIMENSIONS

- Shell, Heads and Flanges — ANSI & ASME constructed for 125 psi working pressure.
- Maximum operating temperature — 375°F.



PIPE SIZE inches	PRODUCT NO.		A	B Max	C	D	E	F	G	H	J	K	MAX FLOW (gpm)	STRAINER FREE AREA (sq. in.)	LESS STRAINER C <sub>v</sub> FACTOR	WITH STRAINER C <sub>v</sub> FACTOR	APPROX. SHIPPING WT.	
	less strainer	with strainer															less strainer	with strainer
2	AC2	AC2F	8.625	18.00	6.00	5.38	12.00	13	¾"NPT	¾"NPT			80	22	86	72	32	37
2½	AC25	AC25F	10.750	20.00	7.00	5.88	16.00	16	¾"NPT	¾"NPT			130	34	122	102	72	78
3	AC3	AC3F	12.750	24.25	6.88	10.50	18.00	18	¾"NPT	1¼"NPT			190	51	190	162	92	120
4	AC4	AC4F	16	29.13	8.19	12.75	25.25	19	¾"NPT	1¼"NPT		6¾†	330	80	325	272	140	176
5	AC5	AC5F	16	31.25	8.75	13.75	25.25	22	¾"NPT	1¼"NPT		6¾†	550	112	510	422	180	228
6	AC6	AC6F	20	36.75	11.00	14.75	29.25	26	¾"NPT	1¼"NPT		6½†	900	180	750	618	240	290
8	AC8	AC8F	20	41.38	12.00	17.38	29.75	28	¾"NPT	1¼"NPT		6½†	1500	246	1260	1060	322	416
10	AC10	AC10F	24	49.50	14.69	20.12	34.75	32	¾"NPT	1¼"NPT		6¾†	2600	392	2000	1670	545	670
12	AC12	AC12F	30	56.94	16.85	23.25	42.00	37	¾"NPT	1½"NPT	22	7½	3400	548	2900	2400	860	1060
14	AC14	AC14F	36	65.00	19.88	25.25	48.75	43	¾"NPT	1½"NPT	24	7½	4700	732	3500	2850	980	1170
16	AC16	AC16F	36	71.50	21.75	28.00	49.75	44	¾"NPT	1½"NPT	24	7½	6000	845	4600	3800	1200	1300
18	AC18	AC18F	42	74.81	22.59	29.63	55.75	51	¾"NPT	1½"NPT	30	7½	8000	1125	5900	4900	1648	1764
20	AC20	AC20F	48	82.81	25.28	32.25	62.25	58	¾"NPT	1½"NPT	36	7½	10,000	1435	7400	6200	2600	3200

†Optional

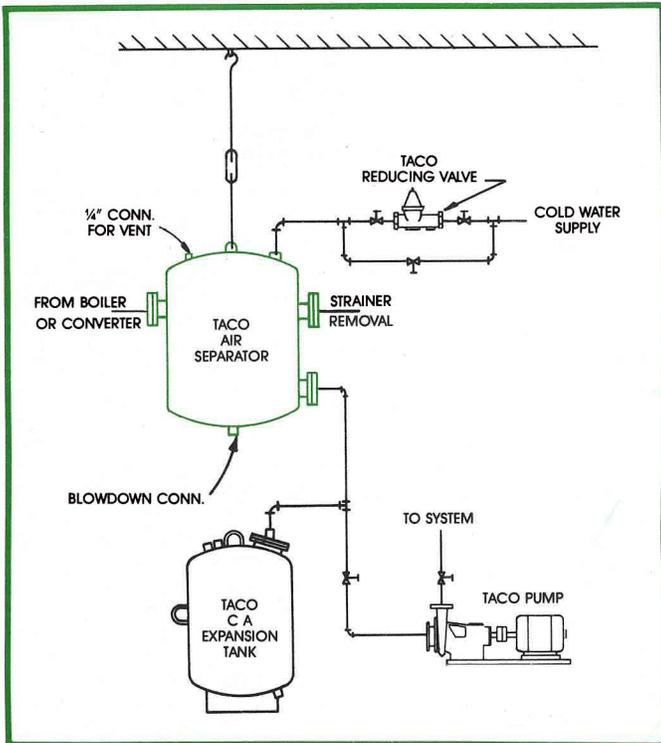
# TYPICAL SPECIFICATION

Furnish and install as shown on plans an external air separation unit consisting of a steel tank \_\_\_\_\_" dia. x \_\_\_\_\_" long.

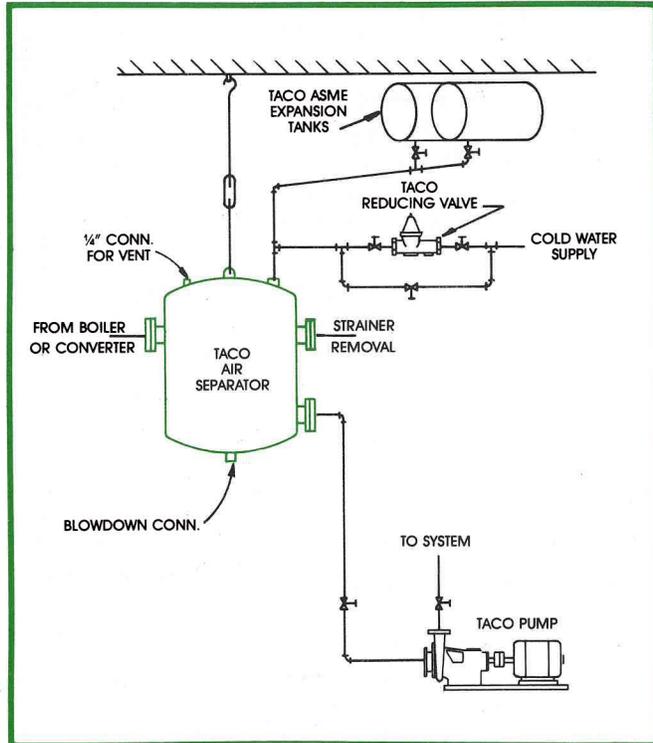
The unit shall have \_\_\_\_\_" (NPT/flanged) inlet and outlet connections and strainer removal connection where specified. The removable strainer shall be of stainless steel with  $\frac{3}{16}$ " diameter perforations and a free area of not less than five times the cross-sectional area of the connecting pipe. When strainer is specified, installer shall remove and clean strainer after 24 hours operation and after 30 days operation. Unit shall have separate top fittings for connection to system expansion tank and for air vent. There shall be a bottom connection for blowdown cleaning. Unit must be constructed in accordance with the ASME boiler and pressure vessel code and stamped 125 psig design pressure. Each air separation unit shall be Taco, Inc. Model No. \_\_\_\_\_ or equal.

# TYPICAL PIPING DETAILS

RECOMMENDED



CONVENTIONAL



Taco, Inc., 1160 Cranston Street, Cranston, Rhode Island 02920; Telephone: (401) 942-8000 Telex: 92-7627  
 Taco (Canada) Ltd., 1310 Aimco Blvd., Mississauga, Ontario L4W 1B2; Telephone: (416) 625-2160 Telex: 06-961179