



Manchester Tank • 800-877-8265 • Franklin, TN 39067

www.mantank.com



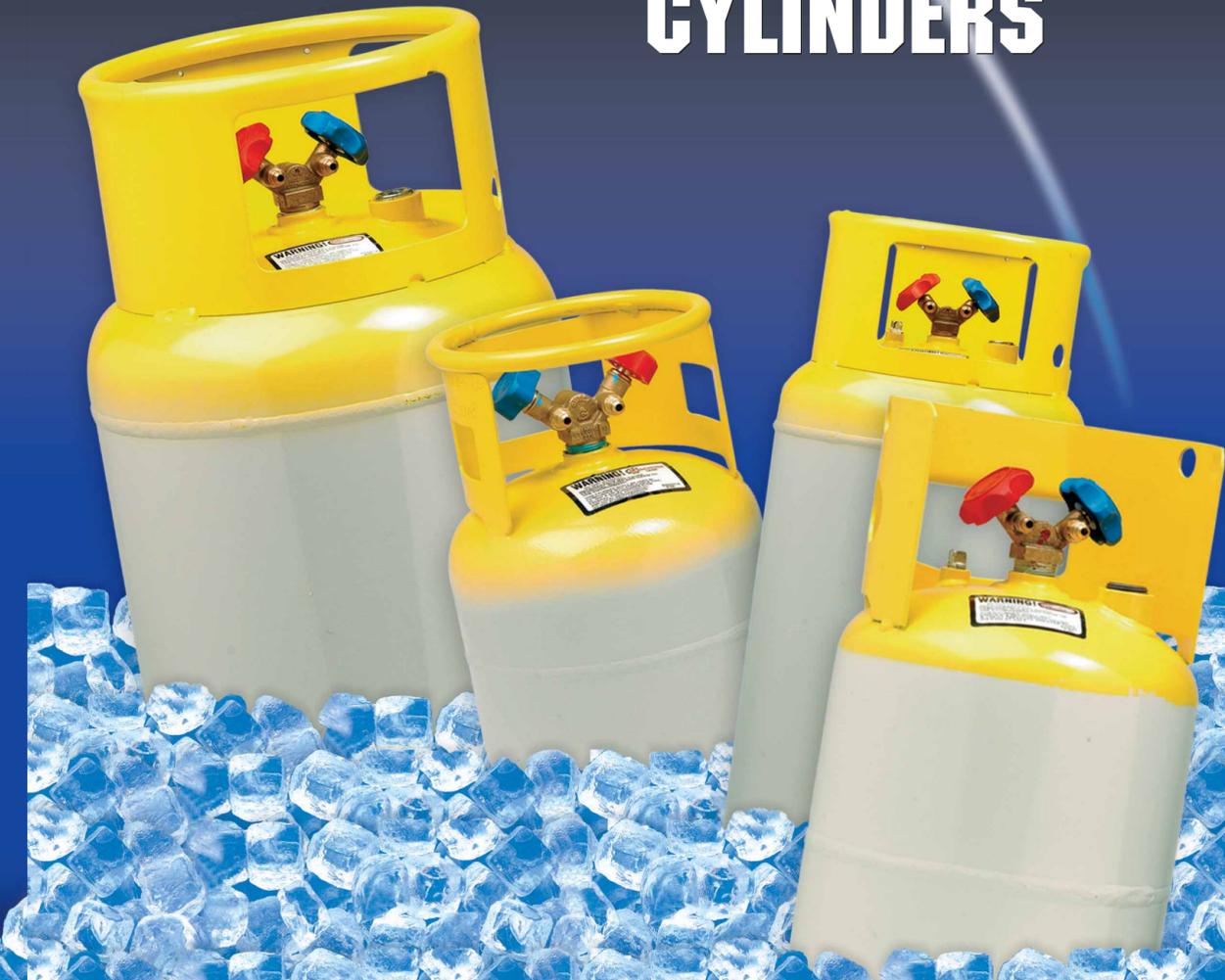
REFRIGERANT CYLINDERS

Manchester Tank is the premier manufacturer of small pressure vessels. Founded in 1946, Manchester Tank produces quality pressure vessels in North America and Australia.

Manchester Tank product lines include:

- DOT Propane Cylinders, ranging in size from 5-420 lbs., with a variety of domestic, recreational, commercial and industrial applications.
- ASME Propane Tanks, used in Recreational Vehicles to fuel appliances, and as fuel tanks for propane engines in trucks and automobiles.
- Specialty Cylinders for recovery, reclaiming and storage of refrigerants.
- Fire Suppressant Cylinders for dry chemical extinguishers and Halon replacement agents.
- Chemical Cylinders for safe storage and transportation.
- Air Receivers, ranging in size from very small tanks for portable air compressors up to 30,000 gallons water capacity.
- Hand-held torches ranging in sizes from 500,000 to 2,000,000 BTUs.
- HVAC expansion and bladder tanks.
- Engineered custom tanks

Manchester Tank's commitment is to remain a market leader in small pressure vessel manufacturing by dedicating itself to fulfilling its customers' needs, which in turn will benefit company sales, growth, profits and employees.



Using Manchester cylinders for protecting our earth's ozone

is a positive step in providing a solid recovery system. They are reusable, meet D.O.T. specifications 4BA and 4BW, and have working pressures from 260 to 400 PSI.

Our 30, 50 and 100# cylinders include extra 3/4" openings (plugged) for future installation of automatic stop/fill liquid level switches.

For additional information, contact your sales representative.

Code Descriptions of Valves and Openings

This helpful table has descriptions of valves and openings that correspond with each of the refrigerant cylinders.

A Y-VALVE

3/4" plugged opening for liquid level switch and 1/4" air valve installed

B Y-VALVE

3/4" plugged opening for liquid level switch and plugged 1/4" opening for air valve

C DUAL PORT VALVE

3/4" plugged opening for liquid level switch and 1/4" air valve installed

D DUAL PORT VALVE

3/4" plugged opening for liquid level switch and 1/4" opening for air valve

E DUAL PORT VALVE

Separate relief valve, 3/4" plugged opening for liquid level switch, 3/4" plugged opening in bottom

F DUAL PORT VALVE

Separate relief valve, visible liquid level gauge

G DUAL PORT VALVE

Separate relief valve, visible liquid level gauge and two 3/4" plugged openings: top vapor and in bottom liquid

H Y-VALVE with ACME CONNECTIONS

3/4" plugged opening for liquid level switch and 1/4" Acme air valve installed

I Y-VALVE

J DUAL PORT VALVE

Separate relief

K DUAL PORT VALVE

With 515 PSI relief

L 3/4" NPT VAPOR SERVICE VALVE

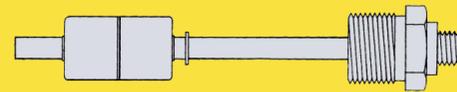
3/4" NPT liquid service valve, 1" NPT 450 PSI relief valve & 3/4" plugged opening for liquid level switch

M 3/4" NPT VAPOR SERVICE VALVE

3/4" NPT liquid service valve, 1" NPT 450 PSI relief valve, liquid level gauge and two 3/4" plugged openings: top vapor and in bottom liquid

N 3/4" NPT LIQUID SERVICE VALVE

3/4" NPT vapor service valve, two 3/4" NPT 600 PSI relief valves and one plugged 3/4" NPT opening



Manchester Tank stocks several brands of stop/fill liquid level switches. They can be installed later by utilizing cylinders with the extra plugged, 3/4" opening, cutting inventory costs on cylinders.

REFRIGERANT CYLINDERS D.O.T. 15#-1000#

All Manchester Tank Recovery Cylinders 15# to 1000# meet D.O.T. Specifications 4BA and 4BW Cylinders for R11, R12, R22, R134A, R500, R502, R410A* and others.

Size Lbs.	Catalog Part No.	Description	Water Capacity lbs.	Diameter Inches	Length Inches	Overall Length	Footring Diameter	Service Pressure lbs.	**Tare Weight	Bottom Drain	Powder Coat Paint
15	14390.3	DOT 4BA350, WITH Y VALVE	11.9	8	8 3/8	12 1/6	6 1/2	350	12	no	yes
30	10282.3	DOT 4BA350, WITH Y VALVE, 3/4" & 1/4" PLUGGED OPENING	26.2	8 7/8	13 3/4	18 3/16	8	350	16	no	yes
	10282.7	DOT 4BA350, SIMILAR TO 10282.3 BUT Y VALVE: RED VAPOR, BLUE LIQUID (AUTOMOTIVE)									
	14522.3	DOT 4BA350, WITH Y VALVE, 3/4" PLUGGED OPENING, AIR TANK VALVE									
	14522.6	DOT 4BA350, SIMILAR TO 14522.3, BUT Y VALVE: RED VAPOR, BLUE LIQUID (AUTOMOTIVE)									
	10299.1	DOT 4BA350, WITH ACME Y VALVE, 3/4" PLUGGED OPENING, ACME AIR TANK VALVE, BLUE PAINT									
30	10507.3	DOT 4BA400 WITH 3/4" & 1/4" PLUGGED OPENINGS	26.2	8 7/8	13 3/4	18 3/16	8	400	16	no	yes
50#	14523.3	DOT 4BA350, WITH Y VALVE, 3/4" & 1/4" PLUGGED OPENINGS	47.6	12 3/16	13 5/8	18 5/8	8	350	28	no	yes
	14524.3	DOT 4BA350, WITH Y VALVE, 3/4" PLUGGED OPENING, AIR TANK VALVE									
	10285.3	DOT 4BA400, WITH Y VALVE, 3/4" & 1/4" PLUGGED OPENINGS									
	10266.3	DOT 4BA400, WITH Y VALVE, 3/4" PLUGGED OPENING, AIR TANK VALVE, 12" x 13" - 5/8"									
	10266.5	DOT 4BA400 - SIMILAR TO 10266.3, Y VALVE: RED VAPOR, BLUE LIQUID (AUTOMOTIVE)									
	10276.1	DOT 4BA400, WITH ACME Y VALVE, 3/4" PLUGGED OPENING, ACME AIR TANK VALVE, BLUE PAINT									
100#	14527.3	DOT 4BW350, WITH Y VALVE, 3/4" & 1/4" PLUGGED OPENINGS	93.5	12 3/16	25 1/8	30 13/16	10 1/4	350	40	no	yes
	14530.3	DOT 4BW400, WITH DUAL PORT & 3/4" & 1/4" PLUGGED OPENINGS									
	14531.3	DOT 4BW400, WITH DUAL PORT, AIR TANK VALVE, 3/4" PLUGGED OPENING									
123#	14506.3	DOT 4BW300, 10" DIAMETER, CEODEUX 9225, DUAL PORT VALVE WITH 3-1/8" CAP	123	10	47 3/8	55 5/16	10	300	47	no	yes
	140034TC	DOT 4BW400 & TC4BWM27, WITH DUAL PORT & 3 1/8" CAP	123	10	47 3/8	55 5/16	10	400	53	no	yes
250#	14515.3	DOT 4BW260, WITH DUAL PORT & SEPARATE RELIEF	238	14 1/2	43 11/16	49 7/8	14	260	78	yes	yes
	14652.3	DOT 4BW260, SEPARATE VAPOR, LIQUID & RELIEF VALVES, 1" RELIEF, 3/4" PLUG IN HEAD AND BOTTOM OF CYL.									
	14396.3	DOT 4BW400, WITH DUAL PORT & SEPARATE RELIEF, PLUGGED 3/4 OPENING									
500#	14397.3	DOT 4BW400, WITH DUAL PORT, WITH SEPARATE RELIEF & GAUGE, LIFT LUGS	472	24	34 3/8	42 5/16	18	400	265	no	yes
1000#	14674.3	DOT 4BW260, SEPARATE RELIEF, VAPOR AND LIQUID VALVES, 3/4" PLUG IN TOP & BTM, GAUGE, LIFT LUGS & 4 WAY PALLET BASE	1000	30	45 5/8	58 1/2	24	260	350	yes	yes
	14398.3	DOT 4BW260, WITH DUAL PORT, SEPARATE RELIEF, 3/4" PLUGGED OPENING IN TOP & BTM, GAUGE, LIFT LUGS & 4 WAY PALLET BASE									
	14694TC	DOT4BW400 & TC4BWM27, SEPARATE RELIEF VAPOR & LIQUIDVALVES, 3/4" PLUGGED OPENING, GAUGE, LIFT LUGS & 4 WAYPALLET BASE, GRAY PAINT									

Replacement Parts & Accessories

NA	V20503	LIQUID LEVEL SWITCH FOR 30# & 50# REFRIGERANT CYLINDERS, WITH 3 PRONG BRAD HARRISON CONNECTION
NA	V20565	Y VALVE 600 PSI SDP 13 .1/8 KYNAR TUBING FROM BOTTOM VALVE THREAD - RED VAPOR - BLUE LIQUID
NA	V20811	Y VALVE 600 PSI SDP 13 .1/8 KYNAR TUBING FROM BOTTOM VALVE THREAD - BLUE VAPOR - RED LIQUID
NA	V20566.1	ACME Y VALVE 600 PSI RELIEF, LIQUID BLUE - RED VAPOR
*		R410A REQUIRES 400 PSI
**		TARE WT'S SHOWN ARE APPROXIMATE AND VARY WITH PRODUCTION ALL CYLINDERS ARE PAINTED YELLOW/GRAY EXCEPT WHERE NOTED



15# 30# 50# 100# 123# 250# 250# 500# 1000#

