

Manchester Tank's REFRIGERANT CYLINDERS contain the following features:

- Cylinder designs are available for transport and storage of new and recovered refrigerant.
- Available in sizes ranging from 15# – 1000#.
- All cylinders meet DOT and/or TC specifications.
- Use with R11, R12, R22, R134A, R500, R502, R410A and many others.
- Reusable and refillable uses.
- Wide range of working pressures offered for various types of refrigerants.
- For your convenience, liquid level switches are in stock for various size cylinders.
- 30#, 50#, 100#, 250# and 1000# cylinders include an extra 3/4 NPT opening (plugged) for future installation of an automatic stop-fill liquid level switch.
- Stackable 30# & 50# refrigerant cylinders offer:
 - ◆ Efficient, safe storage
 - ◆ New collar design for handling ease
 - ◆ Stacks with any manufacturer's refrigerant/recovery 30# and 50# cylinders
- Cylinders are available for Automotive or HVAC use.
- Powder coat paint finish for maximum rust protection.
- Stainless steel gauges in 500# and 1000# cylinders.



REFRIGERANT CYLINDERS - RECOVERY REFILLABLE

Size (Pounds)	Part #	Description	Valve & Opening Type	Water Capacity (Pounds)	Diameter (Inches)	Overall Length (Inches)	Service Pressure (Pounds)	Approximate Tare Weight (Pounds)
15	10573.3	HVAC, Y-Valve	A	13	8	12 1/4	400	11
30	10282.3 ◆	HVAC, Y-Valve	B	26.2	8 7/8	18 7/16	350	16
	10282.16	HVAC, Y-Valve	C	26.2	8 7/8	18 7/16	350	16
	14522.3	HVAC, Y-Valve	D	26.2	8 7/8	18 7/16	350	16
	10299.1	HVAC, ACME Y-Valve - Blue Powder Paint	E	26.2	8 7/8	18 3/16	350	16
	10507.3 ◆	AUTOMOTIVE, Y-Valve (Red-Vapor/Blue-Liquid)	B	26.2	8 7/8	18 7/16	400	17
	10282.7 ◆	AUTOMOTIVE, Y-Valve (Red-Vapor/Blue-Liquid)	B	26.2	8 7/8	18 3/16	350	16
	10282.17	AUTOMOTIVE, Y-Valve (Red-Vapor/Blue-Liquid)	C	26.2	8 7/8	18 3/16	350	16
	10507TC.6	AUTOMOTIVE, Y-Valve (Red-Vapor/Blue-Liquid)	C	26.2	8 7/8	18 7/16	400	17
	14522.6	AUTOMOTIVE, Y-Valve (Red-Vapor/Blue-Liquid)	D	26.2	8 7/8	18 7/16	350	16
	10507.35W ◆	AUTOMOTIVE, Y-Valve (Red-Vapor/Blue-Liquid)	F	26.2	8 7/8	18 7/16	400	17
10507.75W	AUTOMOTIVE, Y-Valve (Red-Vapor/Blue-Liquid)	G	26.2	8 7/8	18 7/16	400	17	
50	10285.3 ◆	HVAC, Y Valve	B	47.6	12	18 5/8	400	28
	10285.11	HVAC, Y Valve	C	47.6	12	18 5/8	400	28
	10266.3	HVAC, Y Valve	D	47.6	12	18 5/8	400	28
	10285.35W ◆	HVAC, Y Valve	F	47.6	12	18 5/8	400	28
	10285.305W	HVAC, Y Valve	G	47.6	12	18 5/8	400	28
	10266.5	AUTOMOTIVE, Y Valve (Red-Vapor/Blue-Liquid)	D	47.6	12	18 5/8	400	28
	10276TC.1	AUTOMOTIVE, ACME Y-Valve (Red-Vapor/Blue-Liquid), Blue Powder Paint	E	47.6	12	18 5/8	400	28
100	14527.3	HVAC, Y Valve	B	93.5	12	30 3/16	350	50
	14530.3	HVAC, Dual Port Valve	H	93.5	12	30 3/16	400	50
	14531.3	HVAC, Dual Port Valve	J	93.5	12	30 3/16	400	50
123	14508.3	HVAC, Dual Port Valve	K	124	10	55 5/16	350	49
	140034	HVAC, Dual Port Valve	K	123	10	55 5/16	400	52
250	14515.3	HVAC, Dual Port Valve & Drain Installed	L	238	14 1/2	49 7/8	260	78
	14652.3	HVAC, Liquid & Vapor Service Valves & Drain Installed	M	238	14 1/2	50 1/8	260	78
	14396.3	HVAC, Dual Port Valve	N	238	16	43 3/16	400	105
500	14397.3	HVAC, Dual Port Valve	P	472	24	42 5/16	400	202
1000	14674.3	HVAC, Liquid & Vapor Valves, 4-Way Pallet Base, Plugged Bottom Drain, Lift Lugs, Sight Gauge	Q	1000	30	57 1/4	260	349
	14398.3	HVAC, Dual Port Valve, 4-Way Pallet Base, Plugged Bottom Drain, Lift Lugs, Sight Gauge	R	1000	30	57 1/4	260	354
	140315TC	HVAC, Liquid & Vapor Valves, 4-way Pallet Base, Lift Lugs	S	1000	30	57 1/4	400	508
	140316TC	HVAC, Liquid & Vapor Valves, 4-Way Pallet Base, Plugged Bottom Drain, Lift Lugs, Sight Gauge	T	1000	30	57 1/4	400	508

Replacement Parts & Accessories

Replacement Part #	Description
V20503	Liquid Level Switch for 30# & 50# Refrigerant Cylinders with 3 Prong Brad Harrison Connection
V20507	Liquid Level Switch for 100# Refrigerant Cylinders with 3 Prong Brad Harrison Connection
V20615	Liquid Level Switch for 250# Refrigerant Cylinders with 3 Prong Brad Harrison Connection
V20483	Air Valve - Dill Shrader - 1/4"
A74868	Air Valve - Dill Shrader - 1/2" ACME (R134A)
V20565	Automotive Type Y-Valve (Red-Vapor/Blue-Liquid), 600 PSI SDP, 13 1/8" Kynar Tubing from Bottom Valve Thread
V20811	HVAC Type Y-Valve (Blue-Vapor/Red-Liquid), 600 PSI SDP, 13 1/8" Kynar Tubing from Bottom Valve Thread
V20566.1	ACME Connection HVAC Type Y-Valve (Blue- Liquid/Red-Vapor), 600 PSI Relief, 13 1/8" Kynar Tubing from Bottom Valve Thread

NOTE: All cylinders are painted yellow / gray except where noted. ◆ These items available with additional lead time.

MANCHESTER TANK & EQUIPMENT CO., a division of McWane, Inc., is a global leader in the design and manufacture of steel and aluminum pressure vessels for the containment of propane, compressed air and chemical applications. Manchester Tank's mission is to set the industry standard for quality and reliability while providing customers with the resources, service and technical support necessary to be profitable in an increasingly competitive global market.

- Capable of manufacturing a diverse product line, which includes Department of Transportation (DOT) approved steel and aluminum cylinders ranging in size from 1 to 420 pounds and American Society of Mechanical Engineers (ASME) approved steel tanks ranging in size from 1 to 30,000 gallons.
- State-of-the-art manufacturing facilities and distribution points strategically positioned in North America, Australia and the Republic of Chile to guarantee timely delivery and convenience worldwide.
- Strong business development group with extensive knowledge and experience in providing solutions and ensuring customer needs are met efficiently and cost effectively.
- Highly trained, professional engineering and design team prepared to support any organization's innovative pressure vessel and equipment requirements.
- Long-time, loyal partners also committed to customer satisfaction and overall success.
- Years of active involvement with National Fire Protection Association (NFPA), Department of Transportation (DOT), Transport Canada (TC) and Air-Conditioning, Heating & Refrigeration Institute (AHRI) professional associations to ensure product, operations and manufacturing requirements and issues meet the codes and standards that impact the industry.

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REFRIGERANT CYLINDERS

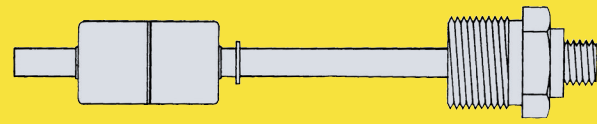
Using Manchester cylinders for protecting our earth's ozone

Manchester Tank continues to do its part to protect the environment from the harmful hydrofluorocarbons (HFCs) and chlorofluorocarbons (CFCs) that if left unchecked or improperly disposed of will deplete the earth's stratospheric ozone layer. For years HVAC technicians have been using MANCHESTER TANK'S REFRIGERANT CYLINDERS in their refrigerant recovery systems for the purpose of recovery, reclamation, transportation, recycling and storage.

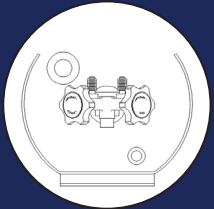
Refrigerant Cylinder Valve and Opening Descriptions

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

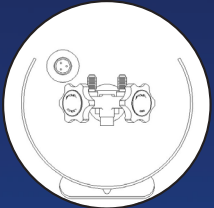
- A Y-VALVE**
- B Y-VALVE**
¾ NPT plugged opening (for liquid level switch) and ¼ NPT plugged opening (for air valve)
- C Y VALVE**
¾ NPT plugged opening (for liquid level switch)
- D Y-VALVE & AIR VALVE**
¾ NPT plugged opening (for liquid level switch)
- E Y-VALVE & ½" ACME AIR VALVE**
¾ NPT plugged opening (for liquid level switch)
- F Y-VALVE & LIQUID LEVEL SWITCH**
¼ NPT plugged opening (for air valve)
- G Y-VALVE & LIQUID LEVEL SWITCH**
- H DUAL PORT VALVE**
¾ NPT plugged opening (for liquid level switch) and ¼ NPT plugged opening (for air valve)
- J DUAL PORT VALVE & AIR VALVE**
¾ NPT plugged opening (for liquid level switch)
- K DUAL PORT VALVE**
- L DUAL PORT VALVE & ½" ACME AIR VALVE**
¾ NPT plugged opening (for liquid level switch)
- M LIQUID & VAPOR SERVICE VALVES, 1 NPT RELIEF VALVE**
¾ NPT plugged opening (for liquid level switch) and ¾ NPT plugged drain
- N DUAL PORT VALVE W/RELIEF & ¼ NPT RUPTURE DISK**
¾ NPT plugged opening (for liquid level switch)
- P DUAL PORT VALVE W/RELIEF, SIGHT GAUGE & ¼ NPT RUPTURE DISK**
- Q LIQUID & VAPOR SERVICE VALVES, RELIEF VALVE, SIGHT GAUGE**
¾ NPT plugged opening (for liquid level switch) and ¾ NPT plugged drain
- R DUAL PORT VALVE, RELIEF VALVE, SIGHT GAUGE**
¾ NPT plugged opening (for liquid level switch) and ¾ NPT plugged drain
- S LIQUID & VAPOR SERVICE VALVES, RELIEF VALVE**
¾ NPT plugged opening (for liquid level switch)
- T LIQUID & VAPOR SERVICE VALVES, RELIEF VALVE, SIGHT GAUGE**
¾ NPT plugged opening (for liquid level switch) and ¾ NPT plugged drain



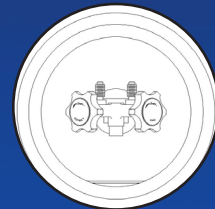
Manchester Tank stocks several brands of stop/fill liquid level switches. They can be installed later by utilizing cylinders with the extra plugged ¾ NPT opening, cutting inventory costs on cylinders.



- B** 10282.3
- B** 10507.3
- B** 10282.7
- D** 14522.3
- D** 14522.6
- E** 10299.1
- F** 10507.3SW



- C** 10282.16
- C** 10282.17
- C** 10507TC.6
- G** 10507.7SW



A 10573.3



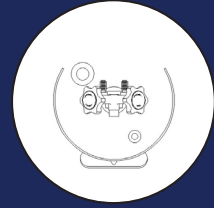
15#



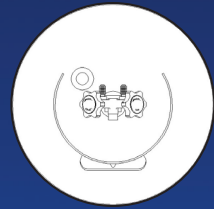
30#



50#



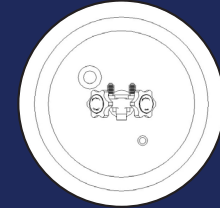
- B** 10285.3
- D** 10266.3
- D** 10266.5
- E** 10276TC.1
- F** 10285.3SW



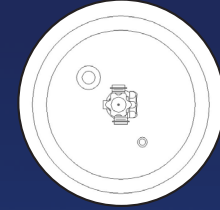
- C** 10285TC.11
- G** 10285.30SW



100#



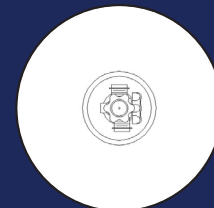
B 14527.3



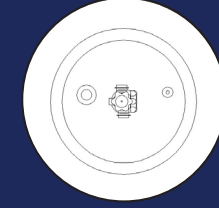
H 14530.3
J 14531.3



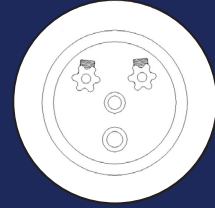
123#



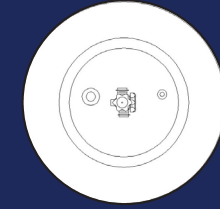
K 14508.3
K 140034



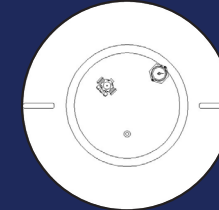
L 14515.3



M 14652.3



N 14396.3



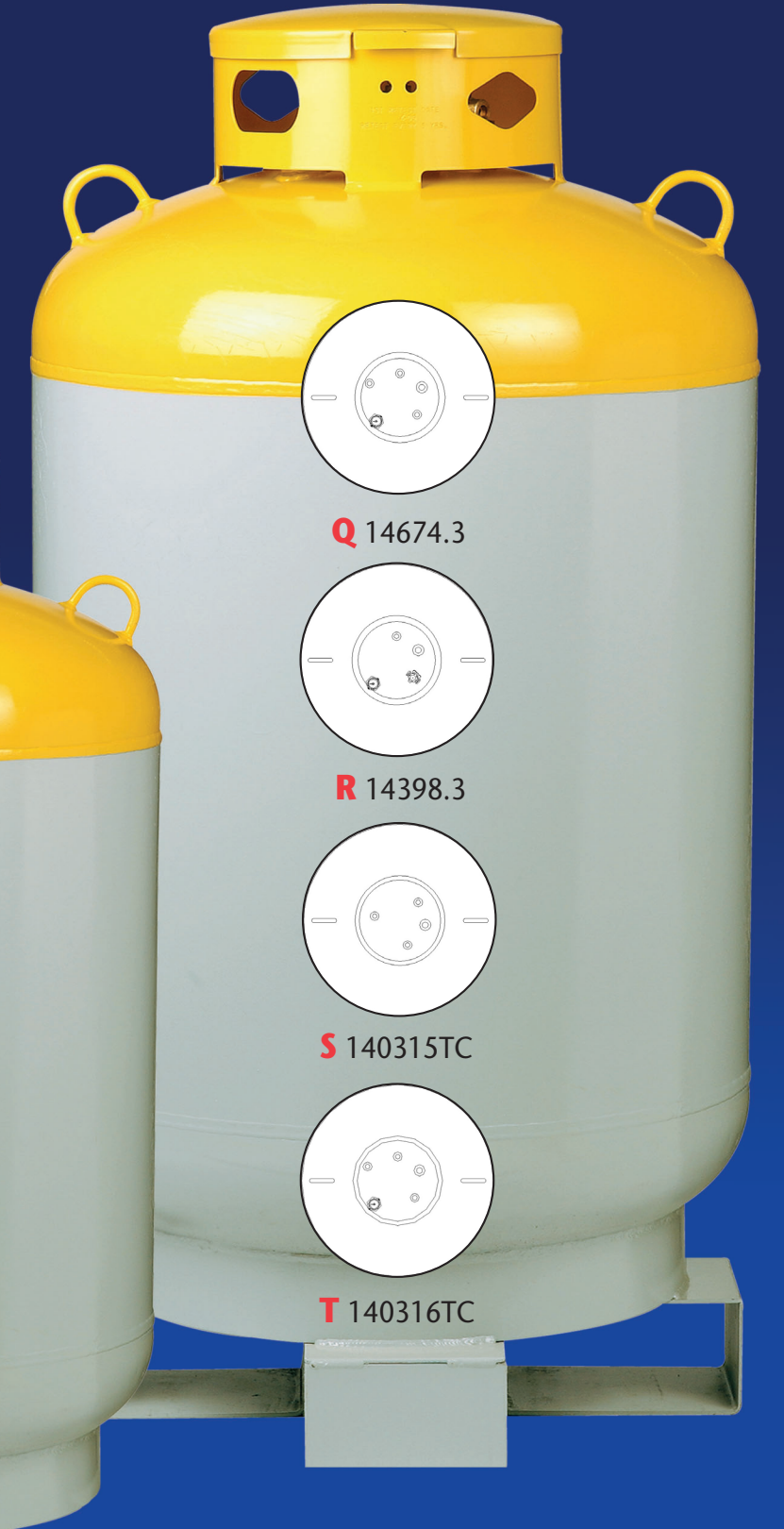
P 14397.3



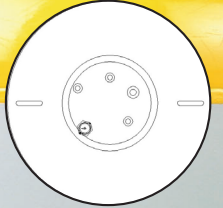
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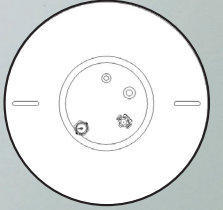
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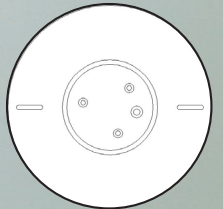
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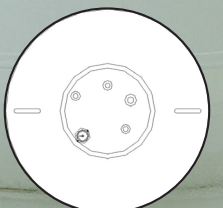
Q 14674.3



R 14398.3



S 140315TC



T 140316TC

