

ASME & TC AIR STORAGE SYSTEMS 2023



NOTE: Weights and Sizes listed in this brochure are approximations and are subject to change without notice. For exact weights and dimensions please consult a Jordair representative.

ASME System Features:

- Vertical Rack
- 7000 PSIG ASME Cylinders
- ASME Relief Valve
- CRN certified
- Cylinder Isolation Valves
- System pressure gauge
- Burst Discs
- Cylinder Drain Valve
- The complete system is fully assembled and pressure tested.

TC System Features:

- Vertical Rack
- 4500/6000 PSIG DOT/TC Cylinders
- Cylinders are complete with individual shutoff valves and safety burst disks
- The complete system is fully assembled and pressure tested.

STATIONARY TC BOTTLE RACKS – 4500 PSIG

MODEL	CYLINDERS	CAPACITY	PRESSURE	WEIGHT	SIZE (CM) H x D x W
JD-4500-2R	2	888 FT ³	4500 PSI	140 KG	130 x 24 x 62
JD-4500-3R	3	1332 FT ³	4500 PSI	210 KG	130 x 24 x 62
JD-4500-4R	4	1776 FT ³	4500 PSI	280 KG	130 x 24 x 62
JD-4500-6R	6	2664 FT ³	4500 PSI	420 KG	130 x 24 x 122
JD-4500-8R	8	3552 FT ³	4500 PSI	630 KG	130 x 24 x 122
JD-4500-10R	10	4440 FT ³	4500 PSI	840 KG	130 x 24 x 182

STATIONARY TC BOTTLE RACKS – 6000 PSIG

MODEL	CYLINDERS	CAPACITY	PRESSURE	WEIGHT	SIZE (CM) H x D x W
JD-6000-2R	2	1018 FT ³	6000 PSI	176 KG	130 x 24 x 62
JD-6000-3R	3	1527 FT ³	6000 PSI	264 KG	130 x 24 x 62
JD-6000-4R	4	2036 FT ³	6000 PSI	352 KG	130 x 24 x 62
JD-6000-6R	6	3054 FT ³	6000 PSI	528 KG	130 x 24 x 122
JD-6000-8R	8	4072 FT ³	6000 PSI	704 KG	130 x 24 x 122
JD-6000-10R	10	5090 FT ³	6000 PSI	880 KG	130 x 24 x 182

STATIONARY TC RACKS (RACK ONLY)

MODEL	CYLINDERS	WEIGHT	SIZE (CM) H x D x W
JVCR-4C	4	50 KG	60 x 56 x 138
JVCR-6C	6	75 KG	90 x 56 x 138
JVCR-8C	8	100 KG	120 x 56 x 138
JVCR-10C	10	125 KG	150 x 56 x 138

STATIONARY BOTTLE RACKS - ASME CYLINDERS

MODEL	CYLINDERS	CAPACITY	PRESSURE	WEIGHT	SIZE (CM) H x D x W
JA-537-7C2	2	1074 FT ³	7000 PSIG	400 KG	152 x 61 x 61
JA-537-7C3	3	1611 FT ³	7000 PSIG	600 KG	152 x 61 x 61
JA-537-7C4	4	2148 FT ³	7000 PSIG	800 KG	152 x 61 x 61
JA-537-7C6	6	3222 FT ³	7000 PSIG	1200 KG	152 x 61 x 91
JA-537-7C8	8	4296 FT ³	7000 PSIG	1400 KG	152 x 61 x 121

STATIONARY ASME RACKS (RACK ONLY)

MODEL	CYLINDERS	WEIGHT	SIZE (CM) H x D x W
JVCR-4A	4	50 KG	130 x 66 x 51
JVCR-6A	6	75 KG	130 x 66 x 91
JVCR-8A	8	100 KG	130 x 66 x 120

HORIZONTAL STATIONARY BOTTLE RACKS – TC/ASME CYLINDERS

MODEL	CYLINDERS	WEIGHT	SIZE (CM) H x D x W
JHCR-2CA	2	50 KG	74 x 28 x 167
JHCR-4CA	4	75 KG	110 x 28 x 167
JHCR-6CA	6	100 KG	110 x 40 x 167

INDIVIDUAL CYLINDERS & MANIFOLDS:

J-CYL-TC-4500	Cylinder, TC, 4500 PSIG, 444 Cubic Feet, CGA-347 Valve
J-CYL-TC-6000	Cylinder, TC, 6000 PSIG, 509 Cubic Feet, CGA-702 Valve
J-CYL-ASME-7000	Bare Cylinder, ASME, 7000 PSI, 537 Cubic Feet
J-DP-O-B-SS	6000 PSI Drain valve for A.S.M.E. cylinder
J-CYL-MA-TC-5000	Manifold for 1 TC Cylinder - CGA 347, 4500 PSIG
J-CYL-MA-TC-6000	Manifold for 1 TC Cylinder - CGA 702, 6000 PSIG

HOSE REELS:

J-HPHR-6000	Hose Reel, High Pressure - c/w 100' 6000 PSIG hose
J-LPHR-200	Hose Reel, Low Pressure - c/w 100' 200 PSIG hose

ASME air storage systems do not require testing beyond the original design and test of the pressure vessel. External and internal visual inspection for corrosion is recommended every 5 years.

In addition ASME cylinders are the correct air storage system for all jurisdictions in Canada. ASME vessels are designed to the ASME code and as such have the highest safety factor.

TC cylinders are designed for the transport of air and gas and normally used for this purpose. As long as these cylinders are arranged in a rack or clamped method acceptable to the local authorities then the application is accepted. TC cylinders require inspection and re-testing as per code on a regular basis.