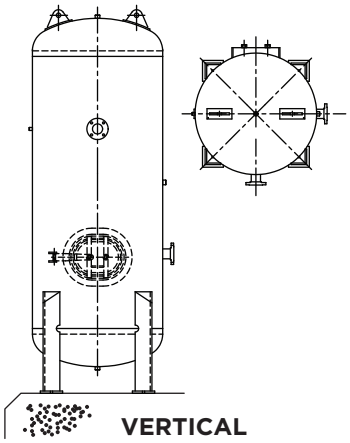
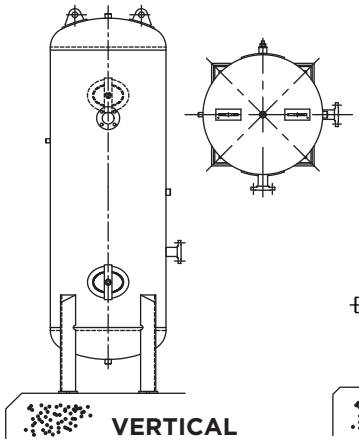
DANCOMAIR ENGINEERING

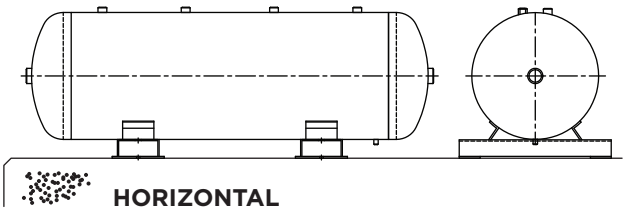
PRESSURE VESSELS



VERTICAL



VERTICAL



HORIZONTAL

STANDARD FEATURES

- JKKP DOSH APPROVED C/W FORM JKJ 127
- MULTIPLE OUTLETS & SIZES
- FLANGED OR THREADED FITTINGS
- SHOT BLASTED
- INTERNAL COATED & EPOXY FINISH
- MANUFACTURED TO ASME STANDARD
- 10 TO 40BAR PRESSURE RATING
- STANDARD ACCESSORIES AVAILABLE
- PACKED ON SKID FOR FORKLIFT HANDLING

OTHER FEATURES

- DESIGN TO CUSTOMERS' REQUIREMENTS
- SHOT BLAST TO SA 2.5
- INTERNAL / EXTERNAL EPOXY COATINGS
- HOT DIP GALVANISED
- DAVIT ARM MANHOLES
- STAINLESS STEEL OR DUPLEX
- INSTALLATION
- OTHER STANDARDS: MOM, AS 1210, "U" STAMP
- FULL MDR & NDT
- PMT APPLICATION / RENEWAL
- THIRD PARTY CERTIFICATIONS: ABS, TUV, LLOYDS, SGS, DNV
- ATMOSPHERIC, VACUUM AND NITROGEN MEDIUM

HORIZONTAL PRESSURE VESSELS

TYPE & SIZE	DESIGN PRESSURE		OD (mm)	SHELL LENGTH (mm)	OVERALL LENGTH (mm)	EMPTY WEIGHT	INLET	OUTLET	SAFETY VALVE SOCKET	PRESSURE GAUGE SOCKET	SPARE SOCKET	DRAIN SOCKET	INSPECTION HOLE
	(kPa)	(PSI)											
30 LTR (L)	1034	150	286	390	583	20	3/8" BSPT	3/8" BSPT	3/8" BSPT	3/8" BSPT	Nil	1/4" BSPT	3/4" BSPT
50 LTR (L)	1034	150	286	745	938	30	1/2" BSPT	1/4" BSPT	1/4" BSPT	1/4" BSPT	Nil	1/2" BSPT	1-1/2" BSP
100 LTR (L)	1241	180	327	915	1103	45	1/2" BSPT	3/8" BSPT	1/4" BSPT	1/2" BSPT	Nil	1/2" BSPT	1-1/2" BSP
100 LTR (H)	1724	250	327	915	1103	55	1/2" BSPT	3/8" BSPT	1/4" BSPT	1/2" BSPT	Nil	1/2" BSPT	1-1/2" BSP
180 LTR (L)	1241	180	411	1220	1475	100	3/4" BSPT	1/2" BSPT	1/2" BSPT	1/4" BSPT	1/4" BSPT	3/8" BSPT	1-1/2" BSP
180 LTR (H)	1586	230	411	1220	1475	100	3/4" BSPT	1/2" BSPT	1/2" BSPT	1/4" BSPT	1/4" BSPT	3/8" BSPT	1-1/2" BSP
250 LTR (L)	1241	180	459	1220	1500	110	1" BSPT	1/2" BSPT	1/2" BSPT	1/4" BSPT	1/4" BSPT	3/8" BSPT	2" BSP
250 LTR (H)	1724	250	459	1220	1500	130	1" BSPT	1/2" BSPT	1/2" BSPT	1/4" BSPT	1/4" BSPT	3/8" BSPT	2" BSP
400 LTR (L)	1241	180	511	1524	1830	150	1" BSPT	1" BSPT	1/2" BSPT	1/4" BSPT	1/4" BSPT	3/8" BSPT	2" BSP
400 LTR (H)	1586	230	511	1524	1830	170	1" BSPT	1" BSPT	1/2" BSPT	1/4" BSPT	1/4" BSPT	3/8" BSPT	2" BSP
500 LTR (L)	1241	180	610	1524	1905	210	1" BSPT	1" BSPT	1/2" BSPT	1/4" BSPT	1/4" BSPT	3/8" BSPT	2" BSP

DANCOMAIR ENGINEERING

VERTICAL PRESSURE VESSELS

TYPE & SIZE	DESIGN PRESSURE		OD (mm)	SHELL LENGTH (mm)	OVERALL LENGTH (mm)	EMPTY WEIGHT	INLET	OUTLET	SAFETY VALVE SOCKET	PRESSURE GAUGE SOCKET	SPARE SOCKET	DRAIN SOCKET	INSPECTION HOLE
	(kPa)	(PSI)											
40 LTR (L)	1034	150	286	540	806	25	3/4" BSPT	3/4" BSPT	1/4" BSPT	1/4" BSPT	Nil	3/8" BSPT	3/4" BSPT
100 LTR (L)	1517	220	411	610	943	70	1/2" BSPT	1/2" BSPT	1/2" BSPT	1/4" BSPT	1/4" BSPT	3/8" BSPT	1-1/2" BSP
180 LTR (L)	1379	200	563	422	848	105	1" BSPT	3/4" BSPT	1/2" BSPT	1/4" BSPT	1/2" BSPT	1/2" BSPT	2" BSP
250 LTR (L)	1379	200	563	762	1248	135	1" BSPT	1/2" BSPT	1/2" BSPT	1/4" BSPT	1/4" BSPT	1/2" BSPT	2" BSP
300 LTR (L)	1379	200	610	762	1273	170	1" BSPT	1/2" BSPT	1/2" BSPT	1/4" BSPT	1/4" BSPT	1/2" BSPT	2" BSP
400 LTR (L)	1034	150	511	1525	1998	160	2" BSP	2" BSP	3/4" BSPT	1/2" BSPT	1" BSPT	1/2" BSPT	2" BSP
400 LTR (H)	1517	220	511	1525	1998	180	2" BSP	2" BSP	3/4" BSPT	1/2" BSPT	1" BSPT	1/2" BSPT	2" BSP
500 LTR (L)	1034	150	563	1720	2243	210	2" BSP	2" BSP	3/4" BSPT	1/2" BSPT	1" BSPT	1/2" BSPT	2" BSP
500 LTR (H)	1517	220	563	1720	2243	260	2" BSP	2" BSP	3/4" BSPT	1/2" BSPT	1" BSPT	1/2" BSPT	2" BSP
750 LTR (L)	1034	150	610	1830	2370	250	2" BSP	2" BSP	3/4" BSPT	1/2" BSPT	1" BSPT	1/2" BSPT	2" BSP
750 LTR (H)	1517	220	610	1830	2370	300	2" BSP	2" BSP	3/4" BSPT	1/2" BSPT	1" BSPT	1/2" BSPT	2" BSP
1000 LTR (L)	1034	150	765	1835	2481	360	2" SORF	2" SORF	3/4" BSPT	1/2" BSPT	1" BSPT	1" BSPT	2-1/2" BSPT
1000 LTR (L)	1034	150	765	1835	2481	380	2" SORF	2" SORF	3/4" BSPT	1/2" BSPT	1" BSPT	1" BSPT	192mm x 132mm
1000 LTR (H)	1448	210	765	1835	2481	430	2" SORF	2" SORF	3/4" BSPT	1/2" BSPT	1" BSPT	1" BSPT	2-1/2" BSPT
1000 LTR (H)	1448	210	765	1835	2481	450	2" SORF	2" SORF	3/4" BSPT	1/2" BSPT	1" BSPT	1" BSPT	192mm x 132mm
1500 LTR (L)	1034	150	930	1835	2587	540	3" SORF	3" SORF	3/4" BSPT	1/2" BSPT	1" BSPT	1" BSPT	2-1/2" BSPT
1500 LTR (L)	1034	150	930	1835	2587	560	3" SORF	3" SORF	3/4" BSPT	1/2" BSPT	1" BSPT	1" BSPT	192mm x 132mm
1500 LTR (H)	1517	220	930	1835	2587	650	3" SORF	3" SORF	3/4" BSPT	1/2" BSPT	1" BSPT	1" BSPT	2-1/2" BSPT
1500 LTR (H)	1517	220	930	1835	2587	680	3" SORF	3" SORF	3/4" BSPT	1/2" BSPT	1" BSPT	1" BSPT	192mm x 132mm
2000 LTR (L)	1034	150	930	2438	3178	650	3" SORF	3" SORF	3/4" BSPT	1/2" BSPT	1" BSPT	1" BSPT	2-1/2" BSPT
2000 LTR (L)	1034	150	930	2438	3178	670	3" SORF	3" SORF	3/4" BSPT	1/2" BSPT	1" BSPT	1" BSPT	192mm x 132mm
2000 LTR (H)	1517	220	930	2438	3178	780	3" SORF	3" SORF	3/4" BSPT	1/2" BSPT	1" BSPT	1" BSPT	2-1/2" BSPT
2000 LTR (H)	1517	220	930	2438	3178	810	3" SORF	3" SORF	3/4" BSPT	1/2" BSPT	1" BSPT	1" BSPT	192mm x 132mm
3000 LTR (L)	1034	150	1168	2440	3362	1100	3" SORF	3" SORF	1" BSPT	1/2" BSPT	1" BSPT	1" BSPT	440mm x 340mm
4000 LTR (L)	1034	150	1320	2430	3378	1350	3" SORF	3" SORF	1" BSPT	1/2" BSPT	1" BSPT	1" BSPT	440mm x 340mm
5000 LTR (L)	1034	150	1372	3050	4091	1600	4" SORF	4" SORF	1" BSPT	1/2" BSPT	1" BSPT	1" BSPT	440mm x 340mm
6000 LTR (L)	1034	150	1473	3250	4328	2160	4" SORF	4" SORF	1" BSPT	1/2" BSPT	1" BSPT	1" BSPT	440mm x 340mm
10000 LTR (L)	1034	150	1700	3658	4901	2750	6" SORF	6" SORF	1" BSPT	1/2" BSPT	1" BSPT	1" BSPT	440mm x 340mm

NOTE: (L) DENOTES LOW PRESSURE, (H) DENOTES HIGH PRESSURE

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