

**VERTICAL TRAY TYPE DEAERATOR PRODUCT SPECIFICATIONS**

MODEL	CAPACITY		STORAGE	DIM A	DIM B	TRAYS	APPROX. WEIGHT KGS		
	MW	KGS/HR	LITRES	MM	MM	QTY	TRANSPORT	FLOODED	OPERATING
FDV15	1.5	2395	914	1800	488	10	2000	5046	2914
FDV30	3.0	4780	914	1800	488	10	2000	5046	2914
FDV60	6.0	9570	914	1800	488	12	2020	5066	2934
FDV80	8.0	12750	914	1800	488	12	2020	5066	2934
FDV100	10.0	15940	1800	2400	1088	20	2360	6294	4160
FDV120	12.0	19130	1800	2400	1088	20	2360	6294	4160
FDV150	15.0	23910	1800	2400	1088	20	2360	6294	4160
FDV180	18.0	18700	1800	2400	1088	24	2400	6333	4200
FDV200	20.0	31880	1800	2400	1088	24	2400	6333	4200

**VESSEL LOADINGS**

THE MAXIMUM HEIGHT OF THE PROPOSED VESSEL WILL NOT RESULT IN ANY SIGNIFICANT ADDITIONAL STRESSES DUE TO COMBINED LOADING IN ACCORDANCE WITH AS1210 CLAUSE 3.7.5. STRESSES ASSOCIATED WITH EXTERNAL OR ENVIRONMENTAL EFFECTS HAVE NOT BEEN CONSIDERED IN THIS DESIGN.

**FORBES ID PLATE**

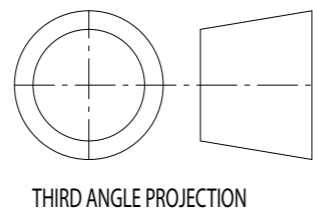
D. PRESS: 365 kPa  
M.D. TEMP: 250 °C  
TEST PRESS: 548 kPa  
DSN. NO: AS1210-3  
DSN. REG: SD03154-1  
HAZ. CLASS: B

**STANDARD PRODUCT FINISH:**

INSULATE AND CLAD IN COLORBOND - "DUNE" (OUTDOOR INSTALL)  
PAINT ALL SURFACES IN ZINC PRIMER FOLLOWED BY EXPOSED AREAS ONLY IN HIGH TEMP 'N24 SILVER GREY' TO AS2700

27	CONTROL CABINET 600mm x 380mm x 350mm	IP56 PROTECTION	1
26	DRAIN 50 NB 3000lbs BSP SOCKET	ANSI B 16.11	1
25	SPARE 50 NB 3000lbs BSP SOCKET	ANSI B 16.11	1
24	GAUGE GLASS MOUNTS 40NB SCHED 80	ASTM A 106 Gr B	2
23	DP CELL CONNECTION 25NB SCHED 80 BSP STUB	ASTM A 106 Gr B	2
22	SPARE 50 NB 3000lbs BSP SOCKET	ANSI B 16.11	1
21	SAFETY VALVE FLANGE 100 NB ANSI 150 SLIP ON	ANSI B 16.5	1
20	SAFETY VALVE BRANCH 100NB SCHED 80 x 175 LONG	ASTM A 106 Gr B	1
19	LIFTING LUG PAD 220 x 75 x 8 THK	AS/NZS 3678-250	1
18	SADDLE PLATE 400 x 300 x 8 THK	AS/NZS 3678-250	4
17	PUMP SUCTION 150 NB ANSI 150 SLIP ON	ANSI B 16.5	1
16	PUMP SUCTION 150 NB SCHED 80	ASTM A 106 Gr B	1
15	SPRAY CONNECTION FLANGE 100 NB ANSI 150 SLIP ON	ANSI B 16.5	2
14	SPRAY TUBE CONNECTION 100 NB SCHED 80	ASTM A 106 Gr B	2
13	FOOT PAD 200 x 200 x 12 THK	AS/NZS 3678-250	4
12	VESSEL LEG 180 x 75 PFC x 2255 LONG	AS3679-300	4
11	TEMP/PRESSURE GAUGES 25 NB 3000lbs BSP SOCKET	ANSI B 16.11	2
10	DAVIT ARM ASSEMBLY	AS/NZS 3678-250	1
9	STEAM INLET FLANGE 250 NB ANSI 150 SLIP ON	ANSI B 16.5	1
8	STEAM INLET 250 NB SCHED 80	ASTM A 106 Gr B	1
7	VENT (VACUUM BREAKER) 40 NB SCH 80 x 125 LONG BSP THEAD	ASTM A 240 304L SS	2
6	LIFTING LUG TYPE 5 HMDLL-001 20mm PLATE 165 X 170	AS/NZS 3678-250	1
5	MANHOLE DOOR 600 NB ANSI 150 BLIND	ANSI B 16.5	1
4	MANHOLE FLANGE 600 NB ANSI 150 SLIP ON (815mm OD)	ANSI B 16.5	1
3	MANHOLE BRANCH 600 NB x 6 THK	AS/NZS 3678-250	1
2	SHELL ø1392 ID x 1840 LONG x 10 THK	AS/NZS 3678-250	1
1	ø1372 ID TORISPHERICAL HEAD x 10 THK	AS1548-7-460R	2
ITEM	DESCRIPTION	MATERIAL	QTY

REV	REVISION NOTE	DATE	CKD
B	ADD NEW DIMENSIONS	01/07/15	JAF
A	ORIGINAL ISSUE	26/02/13	JAF



**HUNT BOILERS**  
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ALL DIMENSIONS IN MILLIMETERS	DRAWN: JAF	DESCRIPTION: HUNT BOILERS VERTICAL TRAY TYPE DEAERATOR CAPACITY 1.5MW TO 10MW
DO NOT SCALE THIS DRAWING	DATE: 26/02/13	
COMPUTER AIDED DRAFT	CHECKED: P.M.F	DRAWING No: FAD0211-01

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