

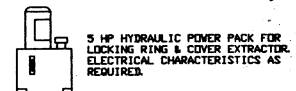
NOZZLE INFORMATION

MARK	QTY	TYPE	FUNCTION
A	3	4" FLG	VENT/RECYCLE
B	1	6" FLG	PROVISION FOR PRESSURE RELIEF DEVICE
C	2	2" FLG	SPARGE INLET
D	3	6" FLG	INLET/DRAIN
E	1	4" FLG	FILTRATE DISCHARGE
F	2	1/2" CPLG	PROVISION FOR PRESSURE GAUGE
G	1	1/2" CPLG	PROVISION FOR SAMPLE COCK
H	4	1" CPLG	JACKET OUTLET/PROVISION FOR JACKET PRESSURE RELIEF DEVICE & GAUGE
J	2	2" CPLG	JACKET INLET/DRAIN
K	2	2" CPLG	JACKET INSPECTION PORT

ALL FLANGES ARE 150# ANSI RAISED FACE
ALL COUPLINGS ARE 3000#

APPROX. MAXIMUM FLOOR LOADING PER LEG PAD

AT REAR LEGS "X"	7700 lb / 3493 kg
AT FRONT LEGS "Y"	9600 lb / 4354 kg
AT H FRAME "Z"	1950 lb / 885 kg



VESSEL DESIGNED, BUILT, INSPECTED, & STAMPED IN ACCORDANCE WITH ASME CODE, SECTION VIII, DIV 1, PARA UG-12C WITH LATEST EDITION & ADDENDA

GENERAL SPECIFICATIONS		U.S. CUSTOMARY	S.I. METRIC
FILTRATION AREA TEXTILE CLOTH		910.0 FT ²	84.5 M ²
DISHED HEAD THICKNESS	5/16"	7.9 mm	
DISHED HEAD RADIUS	60"	1524 mm	
SHELL THICKNESS	1/2"	12.7 mm	
SHELL OUTSIDE DIAMETER	66"	1676 mm	
JACKET THICKNESS	5/16"	7.9 mm	
JACKET OUTSIDE DIAMETER	68-1/8"	1730 mm	
EMPTY WEIGHT (APPROX.)	12300 lb	5579 kg	
SHIPPING WEIGHT (APPROX.)	12800 lb	5806 kg	
TANK VOLUME (APPROX.)	2710 gal	10258 l	
DESIGN TEMPERATURE	42° to 310° F	6° to 154° C	
DESIGN PRESSURE-INTERNAL	70 PSIG	483 kPa	
DESIGN PRESSURE-EXTERNAL	15 PSIG	103 kPa	
DESIGN PRESSURE-INTERNAL (JACKET)	15 PSIG	103 kPa	

AIR REQUIRED FOR VIBRATOR: 60 SCFM @ 80 PSIG
28.3 L/SEC @ 532 kPa

NOTE:
ALL HYDRAULIC TUBING TO BE 3" MINIMUM FROM VESSEL WALL FOR INSULATION CLEARANCE

DIMENSIONS IN INCHES / MILLIMETERS

WARNING
ALL PRESSURE VESSELS SHOULD BE EQUIPPED WITH A PRESSURE GAUGE AND A PRESSURE RELIEF DEVICE PRIOR TO PLACING VESSEL INTO SERVICE.
PARTS LIST DRWG PLD-142058
PARTS REF LIST: PR-013979
F142058

DATE	REV	REVISIONS	CL
8/2/97		RE-DRAWN	
8/2/98		WAS TYPE 142, 908, FILT. AREA	
7/2/98		WAS 921.6 FT ² WIRE CLOTH	
7/2/98		1 ADDED LOADING, REVISED SHELL & JACKET THICKNESS	

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TYPE 142, 901 SERIES 142-6-26
MODEL "D"
70 PSIG INT. 15 PSIG EXT.
15 PSIG INT. (JACKET) ASME CODE
INDUSTRIAL FILTER & PUMP MFG. CO.
5000 OGDEN AVENUE
OGDEN, UTAH 84203

DATE: 7/8/94
JCP
FD-142058-2