



### BILL OF MATERIAL

ITEM	REQ'D	PART REF	DESCRIPTION	MATERIAL SPEC	WEIGHT
1	1	SHELL	1/4" PLATE x 15'- 7 11/16" LG x 6'- 0" WIDE CAN (ROLL TO 60" OD)	HRCQ	938
2	1	BTM HEAD	60" OD x 1/4" Nom L. NON-ASME F&D HEAD c/w 1 1/2" SF	HRCQ	257
3	1	TOP HEAD	60" OD x 1/4" Nom L. NON-ASME F&D HEAD c/w 1 1/2" SF	HRCQ	257
4	1	MANWAY	12" x 16" x 3/4" t. x 3" DEEP NECK ELLIP HATCH C/# _____	HRCQ	36
5	1	NOZZLE A	3" - 3000# F.S. SCRD FULL COUPLING	SA-105	2
6	1	NOZZLE B	3" - 3000# F.S. SCRD FULL COUPLING	SA-105	2
7	1	NOZZLE C	1" - 3000# F.S. SCRD FULL COUPLING	SA-105	1
8	1	NOZZLE D	1/2" - NPT SERIES 250 F.S. WELD FLANGE (FLAT TYPE WITH PILOT)	SA-181	1
9	1	NOZZLE F	2" - NPT SERIES 250 F.S. WELD FLANGE (FLAT TYPE WITH PILOT)	SA-181	2
10	2	SUPT BASE	6" x 4" x 3/16" RECT HSS x 5'- 0" LG	SA-36	125
11	2	SUPT BASE	4" x 4" x 1/4" ANGLE x 3'- 10" LG	SA-36	38
12	4	VESL LEG	4" x 4" x 1/4" ANGLE x 2'- 5" LG	SA-36	60
13	4	VESL LEG	1/4" PLATE x 3 3/4" x 3 3/4" LG (TRIANGLE LEG TOP CAP)	SA-36	6
14	1	INTERNALS	3" - SCH 80 PVC1 ALL SOCKET TEE	COLONIAL	
15	3	INTERNALS	3" - SCH 80 PVC1 ALL SOCKET 90 Deg ELBOW	COLONIAL	
16	1	INTERNALS	3" - SCH 80 PVC1 MPT x SOCKET ADAPTER	COLONIAL	
17	2	INTERNALS	3" - SCH 80 PVC1 SOCKET CAP	COLONIAL	
18	2	INTERNALS	3" - SCH 80 PVC PIPE x 10" LG	PVC PLASTIC	
19	1	INTERNALS	3" - SCH 80 PVC PIPE x 4 11/16" LG	PVC PLASTIC	
20	1	INTERNALS	3" - SCH 80 PVC PIPE x 4 11/16" LG	PVC PLASTIC	
21	2	INTERNALS	3" - SCH 40 PVC (.010) WELL SCREEN SLOTTED PIPE x 3'- 2" LG	PVC PLASTIC	
22	1	INTERNALS	ORTHOS LIQ SYS MODEL C2 FILTER NOZZLE c/w 0.3 mm SLOTS & 1" MPT CONN	PLASTIC	
23	1	SLURY VLV	2" - FEMALE NPT FULL PORT BALL VALVE (RUB #S92)	FORGED BRASS	
24	1	DRAIN VLV	1" - FEMALE NPT FULL PORT BALL VALVE (RUB #S92)	FORGED BRASS	
25	1	VENT VLV	1/2" - FEMALE NPT FULL PORT BALL VALVE (RUB #S92)	FORGED BRASS	
26	2	SLURY VLV	2" - XH WALL CLOSE NIPPLE	SA-53-B	
27	1	DRAIN VLV	1" - XH WALL CLOSE NIPPLE	SA-53-B	
28	1	VENT VLV	1/2" - XH WALL CLOSE NIPPLE	SA-53-B	
29	1	SLURY VLV	2" - 2000# F.S. SCRD 90 Deg ELBOW	SA-105	1
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31					
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38					
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40					

### SCHEDULE OF OPENINGS

MARK	SIZE	QTY	RATING	TYPE	DESCRIPTION	INT PROJ	WELD DETAIL	A	B	C
A	3"	1	3000#	CPLG	INLET	2 15/16"	15	3/16	1/8	
B	3"	1	3000#	CPLG	OUTLET	2 15/16"	15	3/16	1/8	
C	1"	1	3000#	CPLG	LIQUID DRAIN	5/8"	15	3/16	1/8	
D	1/2"	1	FNPT	WLD FLG	VENT	SEE WLD DTL	17			
E	12x16	1	N/A	ELLIP	MANWAY	13/16"	12	3/16	1/8	
F	2"	1	FNPT	WLD FLG	GAC DISCHARGE	SEE WLD DTL	17			
G										
H										
J										
K										
L										
M										
N										
P										
Q										
R										
S										

### DESIGN DATA

Registration	NOT APPLICABLE	Year Built	
Construction	NOT APPLICABLE	Serial No.	00-____
Design Pressure	75 PSIG	Capacity (Vol.)	135.8 cu. ft.
Design Temperature	140 Deg F (LIMITED BY INTERNALS)	Shipping Wt. (Empty)	1790 POUNDS
External Pressure	NOT APPLICABLE	Wt. full of water	____ POUNDS
Min. Des. Metal Temp	-20 Deg F AT 75 PSIG	Gaskets	TREATED FIBER
MAMP (New & Cold)	75 PSIG (LIMITED BY HEAD)	Studs & Nuts	MILD STEEL (ZINC PLATED)
MAMP (Hot & Cor'd)	75 PSIG (LIMITED BY HEAD)	Internal Surface Prep	SANDBLAST TO SSPC-SP6
Hydro Test Pressure	5 PSIG SOAP TEST /Medium: AIR	External Surface Prep	EXTERNAL POWER CLEAN
Corrosion Allowance	NONE	Internal Coating	SERIES 120 POTAPOX PLUS 10-16 mils DFT
Radiography	NONE	External Coating	MAB PLYMASTIC (LT GRAY) 5-7 mils DFT



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GENERAL LAYOUT FOR 3,000 LB LIQUID PHASE  
MODEL CCG-3000-T