

NO.	REVISION	BY	DATE
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GENERAL NOTES

1. ALL DIMENSIONS ARE IN INCHES.
2. ALL BOLT HOLES STRADDLE BOTH NATURAL CENTERLINES.
3. ALL NOZZLES TO BE FLUSH WITH INSIDE CONTOUR OF SHELL & CHANNEL.
4. INSIDE EDGES OF TUBESHEET TUBE HOLES TO BE DEBURRED.
5. NUMBER OF UNITS REQUIRED: (ONE)
6. SHIPPING WT. 260 LBS:
FLOODED WT. 350 LBS:
BUNDLE WT. 71 LBS:
7. UNITS ARE TO BE PAINTED SHOP PRIMER C/STL ONLY.

MATERIAL SPECIFICATIONS

SHELL SIDE	PART	TUBE SIDE
SA312-316	SHELL & BONNET	SA106-B
SA105 W/LINER	GIRTH FLANGES	SA105
SA312-316	NOZZLE NECKS	SA106-B
SA182-316	NOZZLE FLANGES	SA105
	COUPLINGS	
SA403-316	COVERS	SA234 WPB
	TUBESHEET	SA240-316
GARLOCK 3300	GASKETS 1/16" THK	GARLOCK 3300
SA240-316	BAFFLES	
	TUBES	SA249-316
SS-316	TIE RODS & SPACERS	
	BOLTS	SA193-B7
	NUTS	SA194-2H
C/STL	SUPPORTS	
SS-316	SUPPORT PADS	
SA240-316	LINERS	

NOZZLE SCHEDULE

TAG	SIZE	QTY	SERVICE	TYPE	NECK	REMARK
A	1 1/2"	1	TUBE INLET	150# RFSO	SCH 40	
B	1 1/2"	1	TUBE OUTLET	150# RFSO	SCH 40	
C	2"	1	SHELL INLET	150# RFSO	SCH 10	
D	1"	1	SHELL OUTLET	150# RFSO	SCH 10	
E	1"	1	DRAIN	150# RFSO	SCH 10	

DESIGN CONDITIONS

CODE: 1995 ASME SECTION VIII, DIV 1 (AD ADDENDA) TEMA CLASS: C

SQ. FT. OF OUTSIDE TUBE SURFACE 22

DESIGN & TEST	SHELL SIDE	TUBE SIDE
DESIGN PRESSURE	FV/30 PSIG	100 PSIG
DESIGN TEMPERATURE	-20 TO 300 °F	20 TO 200 °F
TEST PRESSURE	46 PSIG	150 PSIG
CORROSION ALLOW.	0.0 INCH	.0625 INCH
NO. OF PASSES	1	2
STRESS RELIEVE	NONE	NONE
RADIOGRAPH	NONE	NONE

CONTRACT NO. 97-068

APPROVALS: DATE: 01/08/98

DRAWN BY: BC

APP. BY:

MATERIAL: SEE ABOVE

FINISH: C

SCALE: C

DRAWING NO. 97-068-1010

SHEET# OF

FOX VALVE DEVELOPMENT CORP.

GENERAL ARRANGEMENT H-872B
5" X 96" BEU 22 SQ.FT. SURFACE
AFTERCONDENSER

