

SSCF Design Data

			SHELL SIDE	TUBE SIDE
SHELL	316 Stainless Steel	DESIGN PRESSURE	225 PSI	150 PSI
TUBESHEET	316 Cast Stainless Steel	TEST PRESSURE	-	-
BONNETS	316 Cast Stainless Steel	DESIGN TEMP.	450 ^o F	450 ^o F
	Optional Cast Iron	(See NOTE 4)		
BAFFLES	316 Stainless Steel	TUBE PASSES	2"	One Pass
TUBES	316 Stainless Steel - Wld. (see NOTE 3)		3" thru 8"	1,2 & 4 pass
BOLTING	Carbon Steel			
MTG. FEET	Carbon Steel			

UNIT * SIZE	NUMBER OF TUBES	SURFACE AREA SQ. FT.	UNIT WGT. LBS.	BAFFLE SPACING	
				O	W
02008	28	1.2	6	0.75	2
02014		2.1	8	1	2
03008	56	2.4	12	1	2
03014		4.3	15	1.5	4
03024		7.3	20	1.5	4
03036		11	26	2	4
04014	108	8.3	38	1.5	3
04024		14.1	46	2	4
04036		21.2	56	2	4
05014	80	9.1	40	1.5	3
05024		15.7	60	2	4
05036		23.5	85	2	4
06024	116	23	80	2	4
06036		34	105	3	6
06048		45.5	130	3	6
08024	210	41	160	2	6
08036		62	200	3	6
08048		83	240	3	6
08060		103	280	4	6
08072		124	320	4	6
08084		144	360	4	6
08096		165	400	4	6

Units with 'O' spacing have a 25% baffle cut; whereas 'W' baffle spacing has a 35% cut

1/4" O.D. x 24 BWG tubing supplied on 3" and 4" units.
3/8" O.D. x 24 BWG tubing supplied on 5", 6" and 8" units.

*Unit Size Explanation

xxyyy
xx Shell Diameter (inches)
yyy Tube Length (inches)