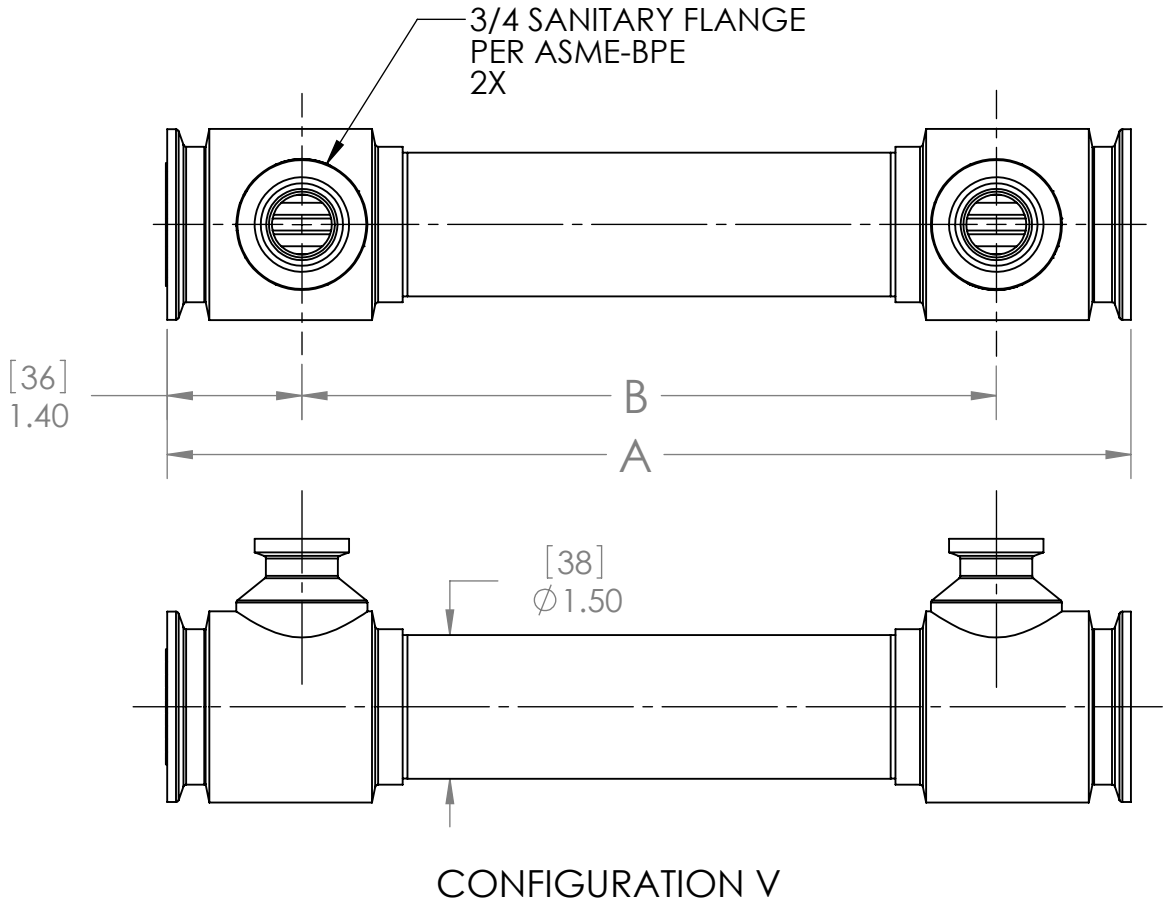
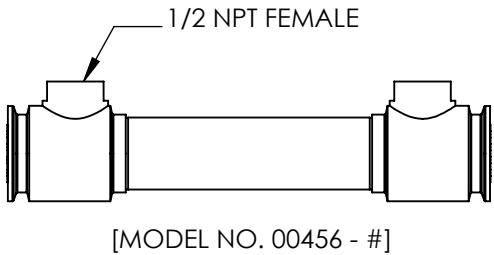


- NOTES:
- MATERIAL: 316L STAINLESS STEEL, NICKEL BRAZED.
 - PRODUCT CONTACT SURFACE FINISH CODE PER ASME-BPE:
SF1: 20 µin. (.5 µm) Ra MAX
SF4: 15 µin. (.4 µm) Ra MAX, ELECTROPOLISHED.
 - ALL EXTERNAL SURFACES BUFF POLISH FINISH.
 - MAXIMUM OPERATING CONDITIONS:
 - PRESSURE: TUBESIDE - 1,200 psi (83 bar)
SHELLSIDE - 800 psi (55 bar)
(REFER TO SANITARY CLAMP MANUFACTURER FOR CLAMP PRESSURE RATING)
 - TEMPERATURE: 800°F (425°C)
 - PRESSURE FOR STEAM SERVICE: 125 psi (8.6 bar)
 - FLUID TEMPERATURE DIFFERENCE:
 $(T_{HOT})_{AVE} - (T_{COLD})_{AVE} \leq 125^{\circ}F (70^{\circ}C)$
 - FULLY DRAINABLE ON TUBESIDE.
 - MATERIAL AND PROCESS CERTIFICATIONS PROVIDED.

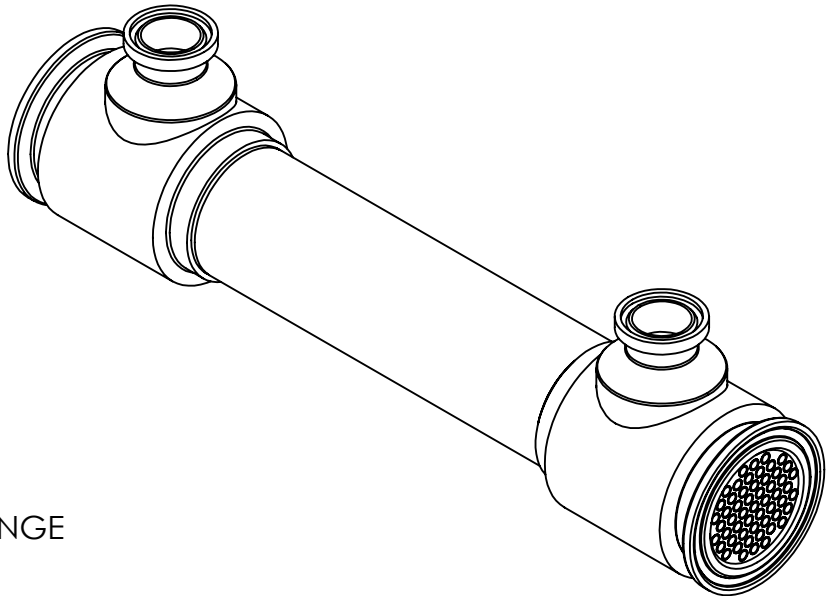
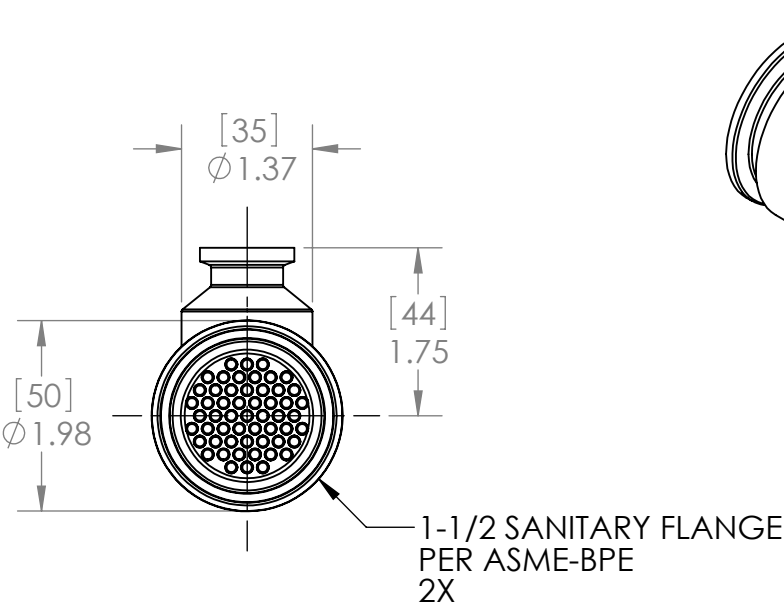


ALSO AVAILABLE



- DOUBLE TUBESHEET VERSIONS:
- MODEL 01095 - # (1/2NPT SHELL PORT)
 - MODEL 01085 - # (3/4 SANITARY FLANGE SHELL PORT)
- MOUNTING KIT:
- MODEL 00421-03

DASH NUMBER	CONFIG	TUBE COUNT	TUBE LENGTH		PRODUCT CONTACT SURFACE FINISH (NOTE)	DIM A		DIM B		WEIGHT EMPTY		TRANSFER AREA				
			in	mm		in	mm	in	mm	lb	kg	ft²	m²			
-1	V	55	10.00	254	SF4	10.05	255	7.23	184	3.25	1.5	1.44	0.13			
-2			15.00	381		15.05	382	12.23	311	4.00	1.8	2.19	0.20			
-3			20.00	508		20.05	509	17.23	438	4.80	2.2	2.94	0.27			
-4			10.00	254	SF1	10.05	255	7.23	184	3.25	1.5	1.44	0.13			
-5			15.00	381		15.05	382	12.23	311	4.00	1.8	2.19	0.20			
-6			20.00	508		20.05	509	17.23	438	4.80	2.2	2.94	0.27			
-7	W		55	10.00	254	SF4	10.05	255	7.23	184	3.25	1.5	1.44	0.13		
-8				15.00	381		15.05	382	12.23	311	4.00	1.8	2.19	0.20		
-9				20.00	508		20.05	509	17.23	438	4.80	2.2	2.94	0.27		
-10				10.00	254	SF1	10.05	255	7.23	184	3.25	1.5	1.44	0.13		
-11				15.00	381		15.05	382	12.23	311	4.00	1.8	2.19	0.20		
-12				20.00	508		20.05	509	17.23	438	4.80	2.2	2.94	0.27		
-13	V	55		25.00	635	SF4	25.05	636	22.23	565	5.59	2.5	3.69	0.34		
-14				30.00	762		30.05	763	27.23	692	6.34	2.9	4.44	0.41		
-15				25.00	635		25.05	636	22.23	565	5.59	2.5	3.69	0.34		
-16				30.00	762	SF1	30.05	763	27.23	692	6.34	2.9	4.44	0.41		
-17				91	10.00		254	SF4	10.05	255	7.23	184	3.25	1.5	1.79	0.17
-18					15.00		381		15.05	382	12.23	311	4.00	1.8	2.72	0.25
-19			20.00		508	20.05	509		17.23	438	4.77	2.2	3.65	0.34		
-20			25.00		635	25.05	636	22.23	565	5.53	2.5	4.59	0.43			
-21			30.00		762	30.05	763	27.23	692	6.31	2.9	5.52	0.51			
-22			10.00		254	SF1	10.05	255	7.23	184	3.25	1.5	1.79	0.17		
-23			15.00	381	15.05		382	12.23	311	4.00	1.8	2.72	0.25			
-24			20.00	508	20.05		509	17.23	438	4.77	2.2	3.65	0.34			
-25	W	55	25.00	635	SF4	25.05	636	22.23	565	5.53	2.5	4.59	0.43			
-26			30.00	762		30.05	763	27.23	692	6.31	2.9	5.52	0.51			
-27			25.00	635		25.05	636	22.23	565	5.58	2.5	3.69	0.34			
-28			30.00	762	30.05	763	27.23	692	6.38	2.9	4.44	0.41				
-29			25.00	635	SF1	25.05	636	22.23	565	5.58	2.5	3.69	0.34			
-30			30.00	762		30.05	763	27.23	692	6.38	2.9	4.44	0.41			
-31			V	91		40.00	1016	SF4	40.05	1017	37.23	946	7.93	3.6	7.39	0.69
-32					40.00	1016	SF1	40.05	1017	37.23	946	7.93	3.6	7.39	0.69	
-33				55	40.00	1016	SF4	40.05	1017	37.23	946	7.92	3.6	5.94	0.55	
-34					40.00	1016	SF1	40.05	1017	37.23	946	7.92	3.6	5.94	0.55	



ALL DIMENSIONS ARE IN INCHES [mm]

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THIRD ANGLE PROJECTION

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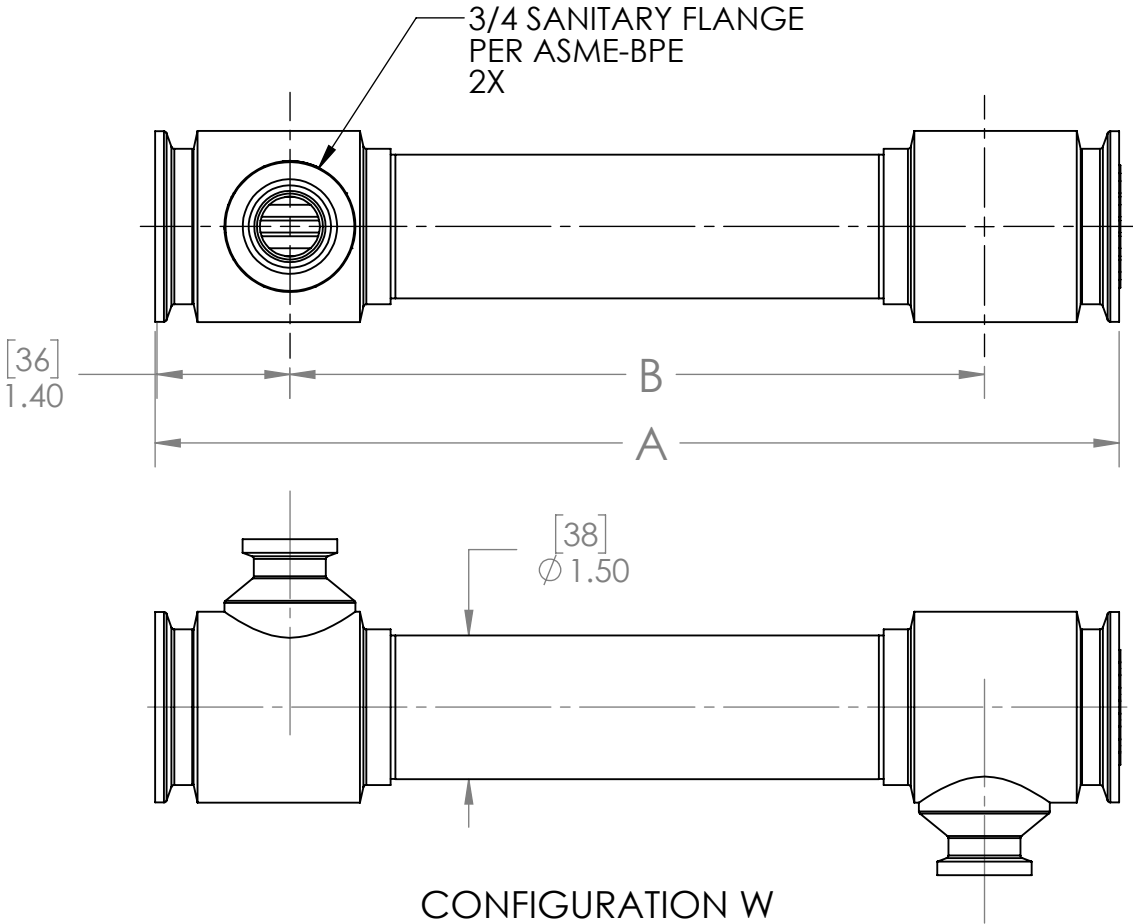
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GARDEN CITY, NY 11530
USA (516)832-9300
www.exergyllc.com

**SHELL & TUBE HEAT EXCHANGER
35 SERIES SANITARY
SANITARY FLANGE, ALL PORTS**

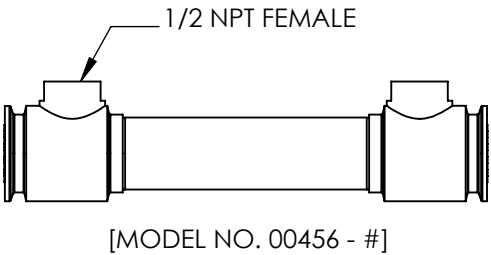
MODEL NO. **00456 - #**

DATE **3/19/2018** SCALE **1:2** SHEET **1 OF 2**

- NOTES:
- MATERIAL: 316L STAINLESS STEEL, NICKEL BRAZED.
 - PRODUCT CONTACT SURFACE FINISH CODE PER ASME-BPE:
SF1: 20 μ in. (.5 μ m) Ra MAX
SF4: 15 μ in. (.4 μ m) Ra MAX, ELECTROPOLISHED.
 - ALL EXTERNAL SURFACES BUFF POLISH FINISH.
 - MAXIMUM OPERATING CONDITIONS:
 - PRESSURE: TUBESIDE - 1,200 psi (83 bar)
SHELLSIDE - 800 psi (55 bar)
(REFER TO SANITARY CLAMP MANUFACTURER
FOR CLAMP PRESSURE RATING)
 - TEMPERATURE: 800°F (425°C)
 - PRESSURE FOR STEAM SERVICE: 125 psi (8.6 bar)
 - FLUID TEMPERATURE DIFFERENCE:
 $(T_{HOT})_{AVE} - (T_{COLD})_{AVE} \leq 125^{\circ}F$ (70°C)
 - FULLY DRAINABLE ON TUBESIDE.
 - MATERIAL AND PROCESS CERTIFICATIONS PROVIDED.

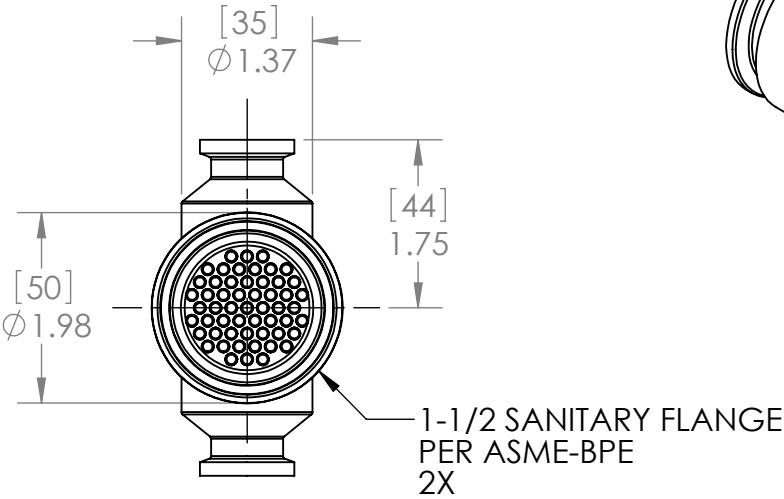


ALSO AVAILABLE



- DOUBLE TUBESHEET VERSIONS:
- MODEL 01095 - # (1/2NPT SHELL PORT)
 - MODEL 01085 - # (3/4 SANITARY FLANGE SHELL PORT)
- MOUNTING KIT:
- MODEL 00421-03

DASH NUMBER	CONFIG	TUBE COUNT	TUBE LENGTH		PRODUCT CONTACT	DIM A		DIM B		WEIGHT EMPTY		TRANSFER AREA		
			in	mm	SURFACE FINISH (NOTE	in	mm	in	mm	lb	kg	ft²	m²	
-1	V	55	10.00	254	SF4	10.05	255	7.23	184	3.25	1.5	1.44	0.13	
-2			15.00	381		15.05	382	12.23	311	4.00	1.8	2.19	0.20	
-3			20.00	508		20.05	509	17.23	438	4.80	2.2	2.94	0.27	
-4			10.00	254		10.05	255	7.23	184	3.25	1.5	1.44	0.13	
-5			15.00	381		15.05	382	12.23	311	4.00	1.8	2.19	0.20	
-6	W		20.00	508	SF1	20.05	509	17.23	438	4.80	2.2	2.94	0.27	
-7			10.00	254		10.05	255	7.23	184	3.25	1.5	1.44	0.13	
-8			15.00	381		15.05	382	12.23	311	4.00	1.8	2.19	0.20	
-9			20.00	508		20.05	509	17.23	438	4.80	2.2	2.94	0.27	
-10			10.00	254		10.05	255	7.23	184	3.25	1.5	1.44	0.13	
-11			15.00	381	SF1	15.05	382	12.23	311	4.00	1.8	2.19	0.20	
-12			20.00	508		20.05	509	17.23	438	4.80	2.2	2.94	0.27	
-13			25.00	635		SF4	25.05	636	22.23	565	5.59	2.5	3.69	0.34
-14			30.00	762			30.05	763	27.23	692	6.34	2.9	4.44	0.41
-15			25.00	635			SF1	25.05	636	22.23	565	5.59	2.5	3.69
-16	30.00		762	30.05	763			27.23	692	6.34	2.9	4.44	0.41	
-17	V		10.00	254	10.05			255	7.23	184	3.25	1.5	1.79	0.17
-18			15.00	381	15.05	382		12.23	311	4.00	1.8	2.72	0.25	
-19			20.00	508	SF4	20.05		509	17.23	438	4.77	2.2	3.65	0.34
-20			25.00	635		25.05	636	22.23	565	5.53	2.5	4.59	0.43	
-21		30.00	762	30.05		763	27.23	692	6.31	2.9	5.52	0.51		
-22		10.00	254	10.05		255	7.23	184	3.25	1.5	1.79	0.17		
-23		15.00	381	15.05		382	12.23	311	4.00	1.8	2.72	0.25		
-24		20.00	508	SF1	20.05	509	17.23	438	4.77	2.2	3.65	0.34		
-25		25.00	635		25.05	636	22.23	565	5.53	2.5	4.59	0.43		
-26		30.00	762		30.05	763	27.23	692	6.31	2.9	5.52	0.51		
-27	25.00	635	SF4		25.05	636	22.23	565	5.58	2.5	3.69	0.34		
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-31	V	91			40.00	1016	SF4	40.05	1017	37.23	946	7.93	3.6	7.39
-32			40.00		1016	SF1	40.05	1017	37.23	946	7.93	3.6	7.39	0.69
-33		55	40.00		1016	SF4	40.05	1017	37.23	946	7.92	3.6	5.94	0.55
-34			40.00	1016	SF1	40.05	1017	37.23	946	7.92	3.6	5.94	0.55	



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MODEL NO. 00456 - #

DATE 3/19/2018 SCALE 1:2 SHEET 2 OF 2