

1	Purchaser VALERUS			Ultimate User	
2	Inquiry / PO# TGI			Destination 3608TA-2370HP@1000RPM	
3	Number of Units1	Model	132F2	Reference	
4	Assembly PACKAGED	Draft	FORCED	Overall Size(WLH) ~14.00x35.00x12.68	Est. Weight 41400

PERFORMANCE

5	Service	EJW	AUXW	AC	
6	Flow	248GPM	384GPM	62.4MMSCFD	
7	Fluid	50%GLY	50%GLY	.56SPGR	
8	Temp. In / Out, f	190.0 / 175.0	145.0 / 130.0	189.0 / 120.0	
9	Pressure, psia			1225	
10	Pressure Drop, psi	3	5.6	4	
11	Heat Load, btu/hr	1,738,480	2,606,694	5,213,355	
12	True LMTD, f	36.9	19.9	25.2	
13	Overall Rate, U, btu/hr sq ft f	145.6	157.5	116.1	
14	Fouling Factor, sq ft hr h / btu	0.0005	0.0005	0.0010	
15	Surface, Bare / Extended, sq. ft	345 / 6444	831 / 17774	1794 / 38384	
16	Sections, Number/Connected	(1) COMBINED w/2	(1) COMBINED w/1	(1) SINGLY	
17	Design Temp (Max / Min), f	300/-10	300/-10	350/-10	
18	Design / Test Pressure, psig	150 / 195	150 / 195	1440 / 1872	
19	Pass Arrangement	CROSSFLOW	CROSSFLOW	CROSSFLOW	
20	Number Tube Rows / Tube Passes	4 / 2	4 / 2	5 / 2	
21	Section Weight, lbs	8050	Combined w/1	15200	
22	Tubes, OD x BWG	1-1/2X16 (.060MIN)	1X16 (.060MIN)	1X16 (.065MIN)	
23	Material	SA214	SA214	SA214	
24	Number per section / Length, ft	26 / 34	94 / 34	203 / 34	
25	Retarders				
26	Accelerators				
27	Fins, Type	L-TENSION/WHEEL	L-TENSION/WHEEL	L-TENSION/WHEEL	
28	Material	ALUMINUM	ALUMINUM	ALUMINUM	
29	Nozzles, Rating / Type	150 RF	150 RF	900 RF	
30	Material / Bore	SA105 / SCH-40	SA105 / SCH-40	SA105 / SCH-80	
31	(Number of Inlets) / Size, in	(1) / 6 Inch	(1) / 6 Inch	*(1) / 8 Inch	
32	(Number of Outlets) / Size, in	(1) / 6 Inch	(1) / 6 Inch	(1) / 8 Inch	
33	Headers, Type	BOX W/PLUGS	BOX W/PLUGS	BOX W/PLUGS	
34	Material	SA516 70	SA516 70	SA516 70 (N)	
35	Corrosion Allowance, in				
36	Grooved Tubesheet			YES	
37	Plugs, Type	SHOULDER	SHOULDER	SHOULDER	
38	Material	SA105	SA105	SA105	
39	Industry Specifications	AXC-STD	AXC-STD	AXC-STD	
40	ASME Code Stamp / National Board			YES	
41	Canadian Registration Number				
42	PWHT				
43	NACE				
44	Inspection / NDT				

F = 100% R.T. of all header seam & nozzle butt welds plus 100% U.T. of all attachment welds

S = Spot R.T. of one long seam and one end closure, per header

U = 100% U.T. of all header seam, attachment and nozzle butt welds

B = 100% R.T. of all nozzle butt welds

SB = S PLUS B as each are described above

UB = U PLUS B as each are described above

	AIR SIDE PERFORMANCE		FAN DATA		DRIVER DATA		REDUCER DATA	
45	Ambient Air Temp., In, f	105	No. Fans / Make	2 / MOORE-CL10K	Type	ENGINE DRIVE	Type	REDUCER BY OTHERS
46	Elevation, ft	591	Blade Material	ALUMINUM				
47	Air Flow, SCFM	292729.4	HP@RPM	44.21 @ 347				
48	Air Temp., Out, f	135.1	Dia., in / No. Blades	132 / 8				
49	Min. Ambient, f	105	Blade Angle, Deg	8.2 @ Clevis				
50			Series/Blade Adj.	48-HD/Manual				
51			Fan Hub Bushing	TAPER				

* AC Service provided with 3-900# RFWN AUX/BY-PASS installed near AC left nozzle, same header, facing down

REV	DATE	BY	DESCRIPTION