

CONSTRUCTION - EACH SHELL

				Shell Side		Tube Side
Design Pressure	PSI			250 & Vacuum		700
Test Pressure	PSI			325		910
Design Temperature	°F	SHELL	420	SKIRT	420	420
Minimum Design Metal Temperature	°F					
Tubes	SA-688 TP 304L	No.	(U's)	O.D	BWG WALL	LENGTH
Shell	A387-11 Cl. 2	Alloy Steel	ID	THICKNESS	PITCH	TRIANGULAR
Shell Cover	n/a			Shell Skirt	A387-11 Cl. 2	THICKNESS
Channel	SA-516-70	Steel		Channel Cover	SA-516-70	Steel
Tubesheet	SA-516-70	Steel		Overlay		Stainless Steel
Support Plates	A387-11 Cl. 2	Alloy Steel	Air Baffle	Zone Baffle	A387-11 Cl. 2	Alloy Steel
Shrouds: DSH			DC	Impingement Baffles		Stainless Steel
Type Joints - Shell Side				Tube Side		
Gasket - Shell				Channel		
Connections:	Steam - Inlet	18"	(W.E.)	Drains - Inlet	10"	(W.E.)
	Vent from HDT	6"	(W.E.)			
	Drains - Outlet	20"	(W.E.)			
	Feedwater Inlet	16"	(W.E.)	Feedwater Outlet	16"	(W.E.)
Code Requirements:		ASME Sect. VIII Div. 1		Heat Exchanger Institute		
Weights - Shell and Bundle			Bundle		Flooded	
Accessories:	Shell Relief Valve			Tube Side Relief Valve		
	Shell Gage Glass					
Method of Tube Attachment:	Welded and rolled into tubesheet					