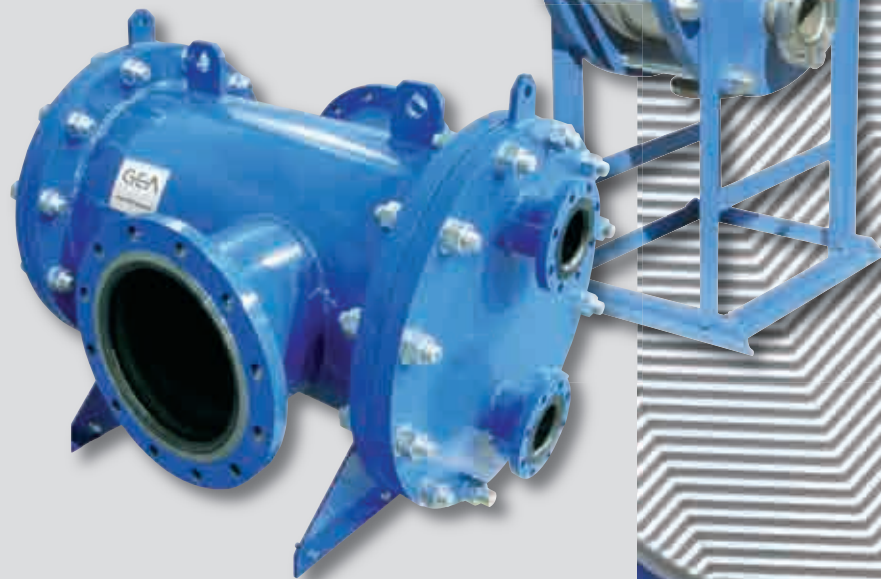


# GEAShell® Fully Welded Plate Heat Exchangers

## Staying cool under high pressure

The proprietary GEAShell® fully welded heat exchanger is very compact and efficient. Plate and shell type heat exchanger has no gaskets in fully welded design and flange gaskets only on bolted openable design. It offers the best price performance for clear fluids. GEAShell® is designed and manufactured in accordance with ASME, AD 2000 and all major international codes.

- Fully welded plate pack with no interplate gaskets
- Accessible on shell side
- Temperature cross capability
- small foot print
- Broad capabilities



## GEAShell® size range and materials

Model No.	Plate Shape	Plate Nozzles				Plate Area		Max. No. of Plates	Maximum Exchanger Area		Shell Nozzles			
		Size		Centers		Sq m	Sq ft		Sq m	Sq ft	Minimum		Maximum	
Type		mm	inches	mm	inches	Sq m	Sq ft		Sq m	Sq ft	mm	inches	mm	inches
VXS-21TA	Round	25	1.0	155	4.92	0.031	0.334	200	6.20	66.80	25	1.0	100	4.0
VXS-21TC	Oblong	25	1.0	316	12.44	0.073	0.785	200	14.60	157.00	25	1.0	150	6.0
VXS-22TC	Oblong	40	1.5	301	11.85	0.070	0.753	200	14.00	150.60	25	1.0	150	6.0
VXS-32TA	Round	52	2.0	210	8.27	0.080	0.861	350	28.00	301.35	40	1.5	100	4.0
VXS-32TC	Oblong	52	2.0	510	20.08	0.180	1.937	350	63.00	677.95	40	1.5	200	8.0
VXS-33TC	Oblong	80	3.0	482	18.98	0.174	1.872	350	60.90	655.20	40	1.5	200	8.0
VXS-54TA	Round	100	4.0	416	16.38	0.270	2.905	400	108.00	1,162.00	50	2.0	200	8.0
VXS-56TA	Round	150	6.0	366	14.41	0.240	2.582	400	96.00	1,032.80	50	2.0	200	8.0
VXS-54TB	Oblong	100	4.0	693	27.28	0.440	4.734	400	176.00	1,893.60	50	2.0	200	8.0
VXS-56TB	Oblong	150	6.0	643	25.31	0.420	4.519	400	168.00	1,807.60	50	2.0	200	8.0
VXS-58TB	Oblong	200	8.0	593	23.35	0.390	4.196	400	156.00	1,678.40	50	2.0	200	8.0
VXS-54TC	Oblong	100	4.0	970	38.19	0.620	6.671	400	248.00	2,668.40	50	2.0	200	8.0
VXS-56TC	Oblong	150	6.0	920	36.22	0.600	6.456	400	240.00	2,582.40	50	2.0	200	8.0
VXS-58TC	Oblong	200	8.0	870	34.25	0.570	6.133	400	228.00	2,453.20	50	2.0	200	8.0

### Plate materials

- SS316L
- Other materials on request.

### Panel gasket materials

- Gore PTFE
- Klingersil 4430/4431

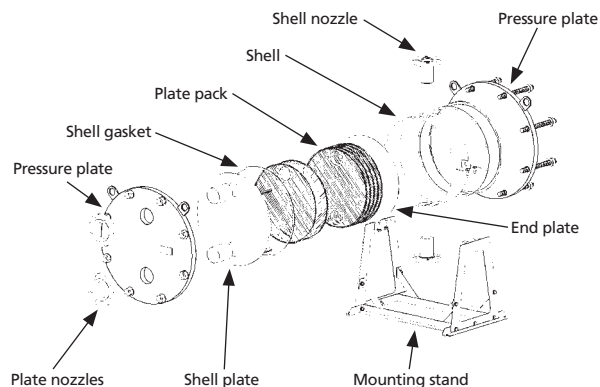
### GEAShell® facts

- Design Temperature: Up to 600°F (315°C)  
 Design Pressure: Up to 600 psig (41 Barg)  
 Maximum Area: 2900 sq.ft. (272 sq.m.)  
 Practical Approach Temp: 2°F (1°C)  
 Thermal Gradient: 400°F (205°C)  
 Mechanical Cleanability: Possible on shell side

GEAShell® is designed and manufactured in accordance with ASME and is code stamped

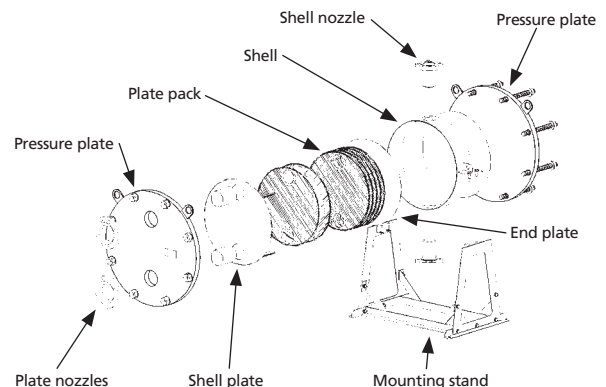
### GEAShell® bolted design

Front and rear shell plates have gaskets fitted inside grooves



### GEAShell® fully welded design

Front and rear shell plates are welded to the shell



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