



# Gasketed Plate Heat Exchanger



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High quality Vitherm gasketed plate heat exchangers are designed with easy access for regular servicing and for a long, low-maintenance lifetime with low life-cycle costs.

Vitherm designs plate heat exchanger to meet your process requirements rather than your process having to meet the needs of a plate heat exchanger.



## **Vitherm Gasketed Plate Heat Exchanger :**

- Small footprint & low weight
- Our plates are more reliable and longer-lasting
- We use plate material of the highest quality
- The gaskets are thicker and wider, this enable you to re-cycle the gaskets
- Efficient and technologically advanced
- It is ideal for any industry application
- It is an economical heat transfer product
- Easy to maintain



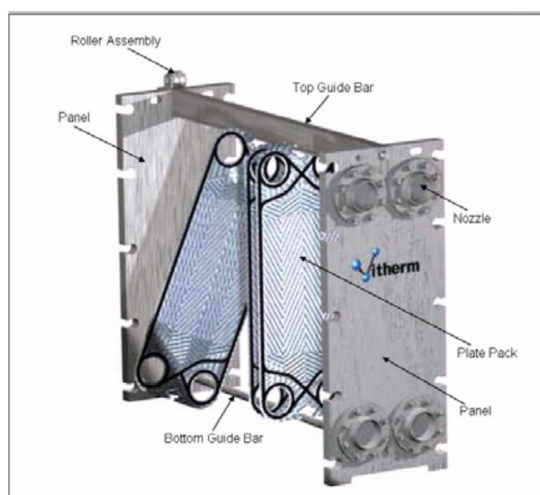
# Gasketed Plate Heat Exchanger

## VITHERM GASKETED PHE SIZE RANGE

Model No.	Approximate Dimensions of PHE								Standard Connection	
	Width		Height		Min Length		Max Length			
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
VT2	6	152	16	406	8	203	22	558	3/4	20
VT4	7	178	24	610	13	330	32	813	1	25
VT8	10	254	30	762	14	356	35	889	2	50
VT13	13	330	33	838	14	356	49	1245	2	50
VT20	13	330	43	1092	25	635	49	1245	2	50
VT28	20	508	49	1245	53	1346	93	2362	4	100
VT45	20	508	66	1676	53	1346	93	2362	4	100
VT60	26	660	71	1803	44	1118	170	4318	6	150
VT85	33	838	86	2184	51	1295	197	5004	8	200
VT100	26	660	100	2540	44	1118	170	4318	6	150
VT110	45	1143	82	2081	59	1499	191	4851	12	300
VT130	39	991	93	2362	58	1473	190	4826	10	250
VT160	36	910	105	2659	44	1104	188	4780	10	250
VT170	47	1200	86	2181	77	1960	181	4585	16	400
VT280	55	1397	150	3810	92	2337	236	5994	16	400

### APPLICATION:

- HVAC Industry
- Vegetable Oil Industry
- Chemical / Petrochemical Industry
- Mining / Metal Process
- Oil & Gas Industry
- Food Processing & Beverages
- Marine & Power Industry
- Pulp & Paper
- Pharmaceutical Industry
- General Industry



Design Pressure: Vacuum / 20 - 25 barg  
 Design Temperature: - 20 °C / 180 °C

### FEATURES:

- High heat transfer efficiency
- Compact design
- Low maintenance cost
- Single stroke plate pressing
- Glued or V-clip gasket
- Wide range of choices

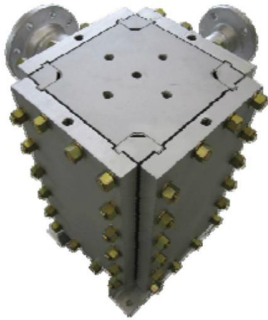
#### PLATE MATERIALS

SS 304, 316, 316L  
 Titanium  
 Nickel 200  
 HASTELLOY® C-276, C-22, B-2  
 AVESTA® 254-SMO  
 Other plate materials available

#### GASKET MATERIALS

Nitrile  
 EPDM  
 Viton  
 Neoprene  
 Hypalon  
 Other gasket materials available

## OTHER PRODUCTS :



Weldpack®  
Welded Plate  
Heat Exchanger  
(without gaskets between plates)

**Design Pressure:** Vacuum / 32 barg  
**Design Temperature:** -40 °C / 350 °C

**Application:**

- ✓ Oil & Gas Industry
- ✓ Vegetable Oil Industry
- ✓ Chemical / Petrochemical Industry
- ✓ Pharmaceutical Industry

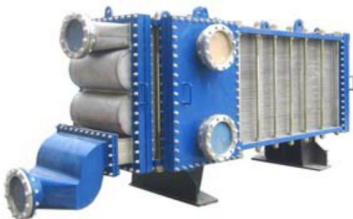


Thermoweld  
Plate & Shell  
Heat Exchanger  
(without gaskets between plates)

**Design Pressure:** Vacuum / 100 barg  
**Design Temperature:** -200 °C / 900 °C

**Application:**

- ✓ Refrigeration System
- ✓ Thermal Oil System
- ✓ Chemical / Petrochemical



Wide Gap Welded  
Plate Heat Exchanger  
(without gaskets between plates)

**Design Pressure:** Vacuum / 35 barg  
**Design Temperature:** 450 °C

**Application:**

- ✓ Ethanol Plant
- ✓ Sugar Cane Plant
- ✓ Aluminum Industry
- ✓ Steel Industry

