



Evaporator with Delta-Injection-Distribution-System on the Refrigerant-Inlet

Standard Connections					
C-PTL	Size	Length	Primary (Refrigerant) Outlet	Inlet	Secondary (Sole)
Compac-Flange (1.4404), incl. Counter-Flange (C22.8 or 1.4404)					
SC	DN65	S=62mm	—	—	<input type="checkbox"/>
TGD	DN80	S=107,5mm	—	—	<input type="checkbox"/>
External Thread					
TB	G2	S=65mm	—	—	<input type="checkbox"/>
LG	G2 1/2	S=65mm	—	—	<input type="checkbox"/>
Internal Thread					
SM	G2 1/2	S=65mm	—	—	<input type="checkbox"/>
Solder Connections					
IA	1 1/8" (ø 28,7mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K	1 3/8" (ø 35,1mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LZ	1 5/8" (ø 42,1mm)	S=20mm	<input type="checkbox"/>	—	<input type="checkbox"/>
L	2 1/8" (ø 54mm)	S=20mm	<input type="checkbox"/>	—	<input type="checkbox"/>
ZB	64,3 mm	S=20mm	<input type="checkbox"/>	—	<input type="checkbox"/>
S	70,3 mm	S=20mm	<input type="checkbox"/>	—	<input type="checkbox"/>
LR	76,2 mm	S=30mm	<input type="checkbox"/>	—	<input type="checkbox"/>
LB	3 1/8" (ø 79,6mm)	S=40mm	<input type="checkbox"/>	—	<input type="checkbox"/>
Additional Connections on the Backplate (Internal Thread)					
OZ	G 1/2	S=20mm	<input type="checkbox"/>	—	<input type="checkbox"/>
Other Connections on Inquiry!					

No. of Plates	20	24	30	34	40	44	50	60	70	80	90
Weight Empty (kg)	20,8	23,0	26,2	28,4	31,6	33,8	37,0	42,4	47,8	53,2	58,6
Surface (m ²)	2,34	2,86	3,64	4,16	4,94	5,46	6,24	7,54	8,84	10,14	11,44
No. of Plates	100	110	120	130	140	150	160	170	180	190	200
Weight Empty (kg)	64,0	69,4	74,8	80,2	85,6	91,0	96,4	101,8	107,2	112,6	118,0
Surface (m ²)	12,74	14,04	15,34	16,64	17,94	19,24	20,54	21,84	23,14	24,44	25,74
No. of Plates	210	220	230	240	250	260					
Weight Empty (kg)	123,4	128,8	134,2	139,6	145,0	150,4					
Surface (m ²)	27,04	28,34	29,64	30,94	32,24	33,54					

Max. number of plates for NP-series are 150!!

GEA WTT - Plate Heat Exchanger Type AE8				Operating-	
Model	Stainless Steel	Solder		Temperature	Pressure
<input type="checkbox"/> WP-AE8-...	1.4404	Copper		± 195°C	30 bar
<input type="checkbox"/> WP-AE8-...-XCR	1.4547	Copper		± 195°C	30 bar
<input type="checkbox"/> NP-AE8-...	1.4404	Nickel		± 195°C	16 bar
<input type="checkbox"/> NP-AE8-...-XCR	1.4547	Nickel		± 195°C	16 bar

				Zeichnungsname, Benennung, Werkstoff, Abmessungen usw		Rohteil-, Modell-, Werkst.Nr.	
GEA WTT GmbH		Graichen	Geprüft	Genehmigt - datum	Datum	Maßstab	
					10.01.2005	1:5	
Firmenname GEA WTT GmbH Remsaer Str. 2a 04603 Nobitz - Wilchwitz Germany Phone: +49(0)3447-5539-0 / Fax: +49(0)3447-5539-30 www.geawtt.com / www.gea-ecobraze.se sales@geawtt.com / info@gea-ecobraze.se				Zeichnungsname Plate Heat Exchanger Type AE8			
				Zeichnungsnummer AE8-0501.0508.02-E		Blatt	

The manufacturer herewith certifies that construction, production and examination of his pressure vessel are in conformity with EU guideline 97/23/EC.