



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

Standard Connections					
C-PTL	Size	Length	Primary (Refrigerant)		Secondary (Sole)
			Outlet	Inlet	
External Thread					
C	G3/4	S=20mm	—	—	<input type="checkbox"/>
E	G1	S=20mm	—	—	<input type="checkbox"/>
EL	G1	S=40mm	—	—	<input type="checkbox"/>
F	G1 1/4	S=20mm	—	—	<input type="checkbox"/>
FL	G1 1/4	S=40mm	—	—	<input type="checkbox"/>
Internal Thread					
R	G1	S=20mm	—	—	<input type="checkbox"/>
Solder Connections					
NO	3/8" (ø9,9mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TZ	ø 10,3 mm	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
M	1/2" (ø13,0mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TX	ø 15,3 mm	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
O	5/8" (ø16,3mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TU	ø 18,3 mm	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N	3/4" (ø19,5mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H	7/8" (ø22,35mm)	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I	ø 28,35 mm	S=20mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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"/>
Additional Connections on the Backplate (Internal Thread)					
OZ	G 1/2	S=20mm	—	—	<input type="checkbox"/>
Other Connections on Inquiry!					

No. of Plates	8	10	14	20	24	30	34	40	44	50	60
Weight Empty (kg)	3,9	4,4	5,4	6,8	7,8	9,2	10,2	11,6	12,6	14,0	16,4
Surface (m ²)	0,35	0,47	0,71	1,06	1,30	1,65	1,89	2,24	2,48	2,73	3,42
No. of Plates	70	80	90	100							
Weight Empty (kg)	18,8	21,2	23,6	26,0							
Surface (m ²)	4,01	4,60	5,19	5,78							

GEA WTT – Plate Heat Exchanger Type AE5				Operating–	
Model	Stainless Steel	Solder	Temperature	Pressure	
<input type="checkbox"/> WP-AE5-...	1.4404	Copper	± 195°C	30bar (40bar)	
<input type="checkbox"/> WP-AE5-...-XCR	1.4547	Copper	± 195°C	30 bar	
<input type="checkbox"/> NP-AE5-...	1.4404	Nickel	± 195°C	16 bar	
<input type="checkbox"/> NP-AE5-...-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	1:3		
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 AE5				
Zeichnungsnummer AE5-0501.0508.02-E						Blatt		

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