



$L = 13.0 + 2.30 \times N$

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

**Standard Connections**

C-PTL	Size	Length	Primary (Refrigerant) Outlet	Inlet	Secondary (Sole)
<b>External Thread</b>					
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"/>
<b>Internal Thread</b>					
R	G1	S=20mm	—	—	<input type="checkbox"/>
<b>Solder Connections</b>					
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"/>
<b>Additional Connections on the Backplate (Internal Thread)</b>					
OZ	G 1/2	S=20mm	—	—	<input type="checkbox"/>
<b>Other Connections on Inquiry!</b>					

No. of Plates	8	10	14	20	24	30	34	40	44	50	60
Weight Empty (kg)	2,6	2,9	3,4	4,2	4,7	5,5	6,0	6,8	7,3	8,1	9,4
Surface (m <sup>2</sup> )	0,21	0,28	0,42	0,63	0,77	0,98	1,12	1,33	1,47	1,68	2,03
No. of Plates	70	80	90	100							
Weight Empty (kg)	10,7	12,0	13,3	14,6							
Surface (m <sup>2</sup> )	2,38	2,73	3,08	3,43							

GEA WTT – Plate Heat Exchanger Type AE4				Operating-	
Model	Stainless Steel	Solder	Temperature	Pressure	
<input type="checkbox"/> WP-AE4-...	1.4404	Copper	± 195°C	30 bar	
<input type="checkbox"/> WP-AE4-...-XCR	1.4547	Copper	± 195°C	30 bar	
<input type="checkbox"/> NP-AE4-...	1.4404	Nickel	± 195°C	16 bar	
<input type="checkbox"/> NP-AE4-...-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 AE4				
Zeichnungsnummer AE4-0501.0508.02-E						Blatt		

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