



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 (40bar)	S=69,5mm	—	—	<input type="checkbox"/>
TGD	DN80 (40bar)	S=115mm	—	—	<input type="checkbox"/>
THA	DN100 (40bar)	S=142,5mm	—	—	<input type="checkbox"/>
Refrigerant-Flange C22.8 (Steel), incl. Counter-Flange for Welding or Soldering					
LX	DN50 (25bar)	S=92,5mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SX	DN65 (25bar)	S=90,5mm	<input type="checkbox"/>	—	<input type="checkbox"/>
TGX	DN80 (25bar)	S=104,5mm	<input type="checkbox"/>	—	<input type="checkbox"/>
THX	DN100 (25bar)	S=125,5mm	<input type="checkbox"/>	—	<input type="checkbox"/>
Solder Connections					
LZ	1 5/8" (ø 42,1mm)	S=27,5mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L	2 1/8" (ø 54mm)	S=27,5mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S	70,3 mm	S=27,5mm	<input type="checkbox"/>	—	<input type="checkbox"/>
LR	76,2 mm	S=27,5mm	<input type="checkbox"/>	—	<input type="checkbox"/>
LB	3 1/8" (ø79,2mm)	S=27,5mm	<input type="checkbox"/>	—	<input type="checkbox"/>
TN	4 1/8" (ø105mm)	S=27,5mm	<input type="checkbox"/>	—	<input type="checkbox"/>
Additional Connections on the Backplate (Internal Thread)					
OZ	G 1/2	S=27,5mm	—	—	<input type="checkbox"/>
Other Connections on Inquiry!					

No. of Plates	50	60	70	80	90	100	110	120	130	140	150
Weight Empty (kg)	102,0	114,5	127,0	139,5	152,0	164,5	177,0	189,5	202,0	214,5	227,0
Surface (m ²)	14,4	17,4	20,4	23,4	26,4	29,4	32,4	35,4	38,4	41,4	44,4
No. of Plates	160	170	180	190	200	210	220	230	240	250	260
Weight Empty (kg)	239,5	252,0	264,5	277,0	289,5	302,0	314,5	327,0	339,5	352,0	364,5
Surface (m ²)	47,4	50,4	53,4	56,4	59,4	62,4	65,4	68,4	71,4	74,4	77,4
No. of Plates	270	280	290	300							
Weight Empty (kg)	377,0	389,5	402,0	414,5							
Surface (m ²)	80,4	83,4	86,4	89,4							

GEA WTT GmbH
 Graichen

Zeichnungsname, Benennung, Werkstoff, Abmessungen usw. Rohteil-, Modell-, Werkst.Nr.

Gezeichnet: Geprüft: Genehmigt - datum Datum: Maßstab:

10.01.2005 1:7,5

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Plate Heat Exchanger Type AE10

Zeichnungsnummer: **AE10-0501.0508.02-E** Blatt:

GEA WTT - Plate Heat Exchanger Type AE10			Operating-	
Model	Stainless Steel	Solder	Temperature	Pressure
<input checked="" type="checkbox"/> WP-AE10...-...	1.4404	Copper	± 195°C	30 bar

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