



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

| Standard Connections | | | | | |
|---|-------------------|---------|--------------------------|--------------------------|--------------------------|
| C-PTL | Size | Length | Primary (Refrigerant) | | Secondary (Sole) |
| | | | Outlet | Inlet | |
| Welding-Neck Flange PN40 - DIN 2635 | | | | | |
| TM | DN40 | S=95mm | — | — | <input type="checkbox"/> |
| LM | DN50 | S=100mm | — | — | <input type="checkbox"/> |
| External Thread | | | | | |
| GZ | G1 1/2 | S=20mm | — | — | <input type="checkbox"/> |
| G | G2 | S=20mm | — | — | <input type="checkbox"/> |
| TB | G2 | S=65mm | — | — | <input type="checkbox"/> |
| LG | G2 1/2 | S=65mm | — | — | <input type="checkbox"/> |
| Internal Thread | | | | | |
| TD | G1 1/2 | S=65mm | — | — | <input type="checkbox"/> |
| Solder Connections | | | | | |
| 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"/> |
| 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"/> |
| Additional Connections on the Backplate (Internal Thread) | | | | | |
| OZ | G 1/2 | S=20mm | — | — | <input type="checkbox"/> |
| Other Connections on Inquiry! | | | | | |

| | | | | | | | | | | | |
|---------------------------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|
| No. of Plates | 20 | 24 | 30 | 34 | 40 | 44 | 50 | 60 | 70 | 80 | 90 |
| Weight Empty (kg) | 20,4 | 22,6 | 25,8 | 28,0 | 31,2 | 33,4 | 36,6 | 42,0 | 47,4 | 52,8 | 58,2 |
| Surface (m ²) | 2,43 | 2,97 | 3,78 | 4,32 | 5,13 | 5,67 | 6,48 | 7,83 | 9,18 | 10,53 | 11,88 |
| No. of Plates | 100 | 110 | 120 | 130 | 140 | 150 | | | | | |
| Weight Empty (kg) | 63,6 | 69,0 | 74,4 | 79,8 | 85,2 | 90,6 | | | | | |
| Surface (m ²) | 13,23 | 14,58 | 15,93 | 17,28 | 18,63 | 19,98 | | | | | |

| GEA WTT - Plate Heat Exchanger Type AE7 | | | | Operating- | |
|--|-----------------|--------|-------------|---------------|--|
| Model | Stainless Steel | Solder | Temperature | Pressure | |
| <input type="checkbox"/> WP-AE7...-... | 1.4404 | Copper | ± 195°C | 30bar (40bar) | |
| <input type="checkbox"/> WP-AE7...-...-XCR | 1.4547 | Copper | ± 195°C | 30 bar | |
| <input type="checkbox"/> NP-AE7...-... | 1.4404 | Nickel | ± 195°C | 16 bar | |
| <input type="checkbox"/> NP-AE7...-...-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 AE7 | | | |
| | | | | Zeichnungsnummer AE7L/AE7M-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.