

| MODEL | | TC 80 ZNT | TC 100 ZNT | TC 120 ZNT |
|---|-------------------|---|-------------------|-------------------|
| Declared load profile | | M | M | M |
| Energy efficiency class (1) | | A+ | A+ | A+ |
| Energy efficiency η_{wh} (1) | % | 111 | 111 | 112 |
| AEC annual electricity consumption_ACC (1) | kWh | 461 | 464 | 459 |
| Daily electricity consumption_Qelec_ACC (2) | kWh | 2,205 | 2,225 | 2,240 |
| Thermostat temperature settings | °C | 55 | 55 | 55 |
| Sound power level LWA, indoors /Sound Pressure on 1m (3) | dB(A) | 51 / 39,5 | 51 / 39,5 | 51 / 39,5 |
| Specific precautions (assembly, install, maintain) | | When connected as pressurised, use of safety valve is mandatory | | |
| Value of <i>smart</i> | | 0 | 0 | 0 |
| Storage volume V | l | 78,2 | 97,9 | 117,6 |
| Mixed water at 40°C V40 (2) | l | 90 | 130 | 142 |
| TECHNICAL CHARACTERISTICS | | | | |
| Heating up Period A15 / W10-55 * | h:min | 04:40 | 05:40 | 06:40 |
| Heating up Period A7 / W10-55 ** | h:min | 05:20 | 06:50 | 08:41 |
| Energy consumption by choosen cyclus A15 / W10-55 * | kWh | 2,04 | 2,05 | 2,08 |
| Energy consumption by choosen cyclus A7 / W10-55 ** | kWh | 2,45 | 2,35 | 2,51 |
| COPDHW (A15 / W10-55) EN 16147 * | | 3,10 | 3,10 | 3,10 |
| COPDHW (A7 / W10-55) EN 16147 ** | | 2,65 | 2,63 | 2,61 |
| Standby power input according to EN16147 | W | 19 | 20 | 27 |
| Refrigiant*** | | R134a (GWP 1430) | R134a (GWP 1430) | R134a (GWP 1430) |
| Quantity of refrigerant | kg | 0,540 | 0,540 | 0,540 |
| Working range - air temperature | °C | -7 / +35 | -7 / +35 | -7 / +35 |
| Working Air Flow | m ³ /h | 100-230 | 100-230 | 100-230 |
| Pressure Drop by 150m ³ /h (60%/80%) | Pa | 70 (90) | 70 (90) | 70 (90) |
| ELECTRICAL SPECIFICATIONS | | | | |
| Nominal electrical power -compressor | W | 250 | 250 | 250 |
| Maximum power consumption | W | 2350 | 2350 | 2350 |
| Number of el.heaters x power | W | 2 x 1000 | 2 x 1000 | 2 x 1000 |
| Voltage/Frequecy | V/Hz | 230/50 | 230/50 | 230/50 |
| Electric protection | A | 16 | 16 | 16 |
| Protection | | IP24 | IP24 | IP24 |
| STORAGE TANK | | | | |
| Enamelled steel / Protection Mg anode | | +/+ | +/+ | +/+ |
| Working pressure | Mpa (bar) | 0,6 (6) / 0,9 (9) | 0,6 (6) / 0,9 (9) | 0,6 (6) / 0,9 (9) |
| MAX TEMPERATURE | | | | |
| Hot water tank heat pump | °C | 55 | 55 | 55 |
| Hot water tank electric heater | °C | 75 | 75 | 75 |
| CONNECTION DIMENSIONS | | | | |
| Height | mm | 1197 | 1342 | 1497 |
| Width | mm | 506 | 506 | 506 |
| Depth | mm | 533 | 533 | 533 |
| Average thickness of insulation | mm | 50 | 50 | 50 |
| Connections to the watter supply network | | G 1/2 | G 1/2 | G 1/2 |
| Connections to the watter supply network (DK) | | G 3/4 | G 3/4 | G 3/4 |
| Dimensions of air connections | mm/m | ∅125 (150x70) /10 | ∅125 (150x70) /10 | ∅125 (150x70) /10 |
| Netto/gross/with watter | kg | 58 / 61 /138 | 62 / 65 /162 | 68 / 71 / 188 |
| TRANSPORT DATA | | | | |
| Packaging dimensions | mm | 575x600x1365 | 575x600x1510 | 575x600x1665 |

(1) EU Regulation 812/2013 ; EN 16147:2011 , Average Climate Conditions (ACC)

(2) EN 16147:2011

(3) EN 12102:2013

(*) by air inlet temperature of 15 °C, 74% humidity and 10 °C water on beginning heated up till 55 °C regarding to EN16147

(**) by air inlet temperature of 7 °C, 89% humidity and 10 °C water on beginning heated up till 55 °C regarding to EN16147

(***) This product contains fluorinated greenhouse gases. Hermetically sealed.