

Daikin Altherma 3 H MT F

Floor standing air to water heat pump for **heating, cooling and hot water**

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › Inclusion of all hydraulic components means no third party components are required
- › PCB board and hydraulic components are located in the front for easy access
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater of 6 or 9 kW
- › Heat pump operation down to -28 °C



| Efficiency data | | | | ETVX + EPRA | | 12S18E6V/E9W + 08EV/W | 12S23E6V/E9W + 08EV/W | 12S18E6V/E9W + 10EV/W | 12S23E6V/E9W + 10EV/W | 12S18E6V/E9W + 12EV/W | 12S23E6V/E9W + 12EV/W | |
|--|------------------------------------|---|---|---------------|---------------|--------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Space heating | Average climate water outlet 55 °C | General | SCOP | | | 3,47 / 3,59 | | 3,48 / 3,60 | | | | |
| | | | η _{sp} (Seasonal space heating efficiency) | | | 136 / 141 | | | | | | |
| | | | Seasonal space heating eff. class | | | A++ | | | | | | |
| | Average climate water outlet 35 °C | General | SCOP | | | 4,79 / 4,95 | | 4,82 / 4,98 | | | | |
| | | η _{sp} (Seasonal space heating efficiency) | | | 188 / 195 | | 190 / 196 | | | | | |
| | | | Seasonal space heating eff. class | | | A+++ | | | | | | |
| Domestic hot water heating | General | Declared load profile | | | | L | | | | | | |
| | Average climate | COP _{dhw} | | | 2,72 / 2,80 | | 2,96 / 3,05 | | 2,72 / 2,80 | | 2,96 / 3,05 | |
| | | η _{wh} (water heating efficiency) | | | 117 / 120 | | 126 / 130 | | 117 / 120 | | 126 / 130 | |
| | | | Water heating energy efficiency class | | | A+ | | | | | | |
| Indoor Unit | | | | ETVX | | 12S18E6V/D9W | 12S23E6V/D9W | 12S18E6V/D9W | 12S23E6V/D9W | 12S18E6V/D9W | 12S23E6V/D9W | |
| Casing | Colour | | | | | White + Black | | | | | | |
| | Material | | | | | Precoated sheet metal | | | | | | |
| Dimensions | Unit | HeightxWidthxDepth | mm | 1,650x595x625 | 1,850x595x625 | 1,650x595x625 | 1,850x595x625 | 1,650x595x625 | 1,850x595x625 | 1,650x595x625 | 1,850x595x625 | |
| | Weight | Unit | kg | 108 | 117 | 108 | 117 | 108 | 117 | 108 | 117 | |
| Tank | Water volume | | l | 180 | 230 | 180 | 230 | 180 | 230 | 180 | 230 | |
| | Maximum water temperature | | °C | | | 70 | | | | | | |
| | Maximum water pressure | | bar | | | 10 | | | | | | |
| | Corrosion protection | | | | | Pickling | | | | | | |
| Operation range | Heating | Ambient | Min.–Max. | °C | | | -28 ~ 25 | | | | | |
| | | Water side | Min.–Max. | °C | | | 18 ~ 65 | | | | | |
| | Cooling | Ambient | Min.–Max. | °C | | | 10 ~ 43 | | | | | |
| | | Water side | Min.–Max. | °C | | | 5 ~ 22 | | | | | |
| | Domestic hot water | Ambient | Max. | °C | | | -28 ~ 35 | | | | | |
| | | Water side | Min.–Max. | °C | | | 10 ~ 65 | | | | | |
| Sound power level | Nom. | | dBA | | | 44 | | | | | | |
| Sound pressure level | Nom. | | dBA | | | 30 | | | | | | |
| Outdoor Unit | | | | EPRA | | 08EV3/W1 | | 10EV3/W1 | | 12EV3/W1 | | |
| Dimensions | Unit | HeightxWidthxDepth | mm | | | 1003x1270x533 | | | | | | |
| | Weight | Unit | kg | | | 118 | | | | | | |
| Compressor | Quantity | | | | | 1 | | | | | | |
| | Type | | | | | Hermetically sealed swing compressor | | | | | | |
| Operation range | Heating | Min.–Max. | °CDB | | | -28 ~ 25 | | | | | | |
| | Cooling | Min.–Max. | °CDB | | | 10 ~ 43 | | | | | | |
| | Domestic hot water | Min.–Max. | °CDB | | | -28 ~ 35 | | | | | | |
| Refrigerant | Type | | | | | R-32 | | | | | | |
| | GWP | | | | | 675 | | | | | | |
| | Charge | | kg | | | 3,25 | | | | | | |
| | Charge | | TCO _{Eq} | | | 2,19 | | | | | | |
| | Control | | | | | Expansion valve | | | | | | |
| LW(A) Sound power level (according to EN14825) | | | | | | 53 | | | | | | |
| Sound pressure level (at 1 meter) | Nom. | | | | | V3: 40,6 - W1: 41,1 | | | | | | |
| Power supply | Name/Phase/Frequency/Voltage | | Hz/V | | | V3/1~/50/230 - W1/3~/50/400 | | | | | | |
| Current | Recommended fuses | | A | | | V3: 32 - W1: 16 | | | | | | |

This product contains fluorinated greenhouse gases.