


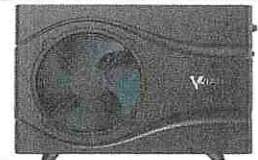



Room 4
EXISTING
AS LIP


|  |  | |  | |  | |  | |
|---|---|--------------------|--|-------------------------|---|-------------------------|---|-------------------------|
| | FIVE - HP-VP500 C5 On / Off Heat Pump | | FIVE PREMIUM - HP-VP501 C5 plus Full DC Inverter Heat Pump | | SEVEN - HP-VP700 S7 plus Full DC Inverter Heat Pump | | NINE - HP-VP900 S9 plus Full DC Inverter Heat Pump | |
| | KW Out | C.O.P @ | KW Out @ | C.O.P @ | KW Out @ | C.O.P @ | KW Out @ | C.O.P @ |
| CAPACITY @ °C | On / Off model | 100 % Power | 100 - 50 % Power | 100 - 50 % Power | 100 - 50 % Power | 100 - 50 % Power | 100 - 50 % Power | 100 - 50 % Power |
| Plus 25 °C | 4.78 | 6.16 | 5.03 - 2.51 | 5.94 - 8.73 | 7.02 - 3.51 | 6.14 - 10.96 | 9.26 - 4.63 | 6.22 - 11.1 |
| Plus 20 °C | 4.23 | 5.45 | 4.59 - 2.29 | 5.46 - 8.03 | 6.20 - 3.10 | 5.56 - 8.58 | 8.6 - 4.3 | 5.7 - 8.8 |
| Plus 15 °C | 3.68 | 4.72 | 4.12 - 2.06 | 4.89 - 7.19 | 5.40 - 2.70 | 4.9 - 6.86 | 7.9 - 3.95 | 5.2 - 7.28 |
| Plus 10 °C | 3.16 | 4.14 | 3.68 - 1.84 | 4.48 - 6.59 | 4.77 - 2.39 | 4.35 - 5.59 | 6.88 - 3.44 | 4.45 - 5.72 |
| Plus 05 °C | 2.64 | 3.53 | 3.53 - 1.76 | 4.28 - 6.29 | 4.42 - 2.21 | 4.00 - 5.03 | 6.32 - 3.16 | 4.11 - 5.17 |
| 0.0 °C | 2.12 | 2.94 | 3.37 - 1.68 | 4.08 - 6.00 | 4.06 - 2.03 | 3.65 - 4.48 | 5.76 - 2.88 | 3.76 - 4.61 |
| Minus 5 °C | 1.68 | 2.31 | 2.84 - 1.42 | 3.46 - 5.09 | 3.54 - 1.77 | 3.08 - 3.95 | 4.8 - 2.4 | 3.13 - 4.01 |
| Minus 10 °C | | | 2.14 - 1.07 | 2.96 - 4.35 | 3.03 - 1.52 | 2.48 - 3.59 | 3.89 - 1.94 | 2.5 - 3.62 |
| Capacity KW 27/24 (DB/WB) | 5kw | | 2.1kw - 5.1kw | | 1.5kw - 7.21kw | | 1.8kw - 9.48kw | |
| Usage | Hot Tub | | Hot Tub | | Hot Tub or SwimSpa | | Hot Tub or SwimSpa | |
| Type | On/Off | | Full DC Inverter Technology | | Full DC Inverter Technology | | Full DC Inverter Technology | |
| Max Power Draw | 0.806 KW | | 0.168 - 0.898 KW | | 0.09 - 1.09 KW | | 0.11 - 1.44 KW | |
| Power Supply | 220-240 V 50HZ Single Phase | | 220-240 V 50HZ Single Phase | | 220-240 V 50HZ Single Phase | | 220-240 V 50HZ Single Phase | |
| Power Cable | 5mtrs H07RN-F cable | | 5mtrs H07RN-F cable | | 5mtrs H07RN-F cable | | 5mtrs H07RN-F cable | |
| Ambient Temp Operating Range | minus 5°C to plus 40 °C | | minus 10°C to plus 43 °C | | minus 10°C to plus 43 °C | | minus 10°C to plus 43 °C | |
| Heating Range | 15°C to 40°C | | 15°C to 40°C | | 15°C to 40°C | | 15°C to 40°C | |
| Cooling Function | X | | ✓ | | ✓ | | ✓ | |
| Maz Water Volume | 15m3 (15,000 ltrs) | | 20m3 (20,000 ltrs) | | 30m3 (30,000 ltrs) | | 40m3 (40,000 ltrs) | |
| Refrigerant | R32 | | R32 | | R32 | | R32 | |
| Compressor | Rotary | | Rotary | | Rotary | | Rotary | |
| Heat Exchanger | Titanium | | Titanium | | Titanium | | Titanium | |
| Gas Control | Capillary | | (EEV) Electronic Expansion Valve | | (EEV) Electronic Expansion Valve | | (EEV) Electronic Expansion Valve | |
| Sound @ 1m DB | 48 | | 32 to 45 | | 32 to 45 | | 33 to 47 | |
| Required Flow Rate | 2.5 mh3 (41.6 lpm) | | 2.5 mh3 (41.6 lpm) | | 3.1 mh3 (51.6 lpm) | | 4.1 mh3 (68.3 lpm) | |
| Input Line Control | X | | ✓ | | ✓ | | ✓ | |
| Pump Power Circuit 1.59 (A) max | X | | ✓ | | ✓ | | ✓ | |
| WI-FI | X | | ✓ | | ✓ | | ✓ | |
| Unit Size (L-D-H) mm | 505 / 360 / 545 | | 470 / 290 / 430 | | 910 / 355 / 620 | | 910 / 355 / 620 | |
| Net Weight kg | 27 KG | | 23.5 KG | | 35 KG | | 37 KG | |

All specifications and capacity data supplied by the manufacturers testing

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| WARRANTY 5 Years Compressor & Heat Exchanger 2 years All other Components |
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Air Source Heat Pumps for the Hot Tub and Swim-Spa Market



| Single Unit | | | | EDLA | 04E(S)VS | 06E(S)VS | 08E(S)VS |
|---|------------------------------------|------------|--|--------|---------------------|--------------------------------------|---------------------|
| Heating capacity | Nom. | | | kW | 4.30 (1) / 4.60 (2) | 6.00 (1) / 5.90 (2) | 7.50 (1) / 7.90 (2) |
| Power input | Heating | Nom. | | kW | 0.84 (1) / 1.26 (2) | 1.24 (1) / 1.69 (2) | 1.63 (1) / 2.23 (2) |
| COP | | | | | 5.10 (1) / 3.65 (2) | 4.85 (1) / 3.50 (2) | 4.60 (1) / 3.50 (2) |
| Space heating  | Average climate water outlet 55 °C | General | ηs (Seasonal space heating efficiency) | | | 127 | |
| | | | SCOP | | | 3.26 | |
| | Average climate water outlet 35 °C | General | ηs (Seasonal space heating efficiency) | | | 176 | |
| | | | SCOP | 4.48 | | 4.67 | 4.56 |
| | | | Seasonal space heating eff. class | | | A++ | |
| | | | Seasonal space heating eff. class | | | A+++ | |
| Casing | Colour | | | | | Ivory white | |
| | Material | | | | | Zinc coated low carbon steel | |
| Dimensions | Unit | Height | Width | Depth | mm | 770 x 1,250 x 362 | |
| Weight | Unit | | | | kg | E3V3: 88, E3V3: 91 | |
| Compressor | Quantity | | | | | 1 | |
| | Type | | | | | Hermetically sealed swing compressor | |
| Operation range | Heating | Ambient | Min.~Max. | °CWB | | -21 ~ 25 | |
| | | Water side | Min.~Max. | °C | | E3V3: 9 ~ 65 / E3V3: 15 ~ 65 | |
| | Domestic hot water | Ambient | Min.~Max. | °CDB | | -27 ~ 35 | |
| | | Water side | Min.~Max. | °C | | 25 ~ 55 | |
| Refrigerant | Type | | | | | R-32 | |
| | GWP | | | | | 675 | |
| | Charge | | | kg | | 1.85 | |
| | Charge | | | TCO2Eq | | 0.91 | |
| | Control | | | | | Expansion valve | |
| Sound power level | Heating | Nom. | | dBA | 58 | 60 | 62 |
| Power supply | Name/Phase/Frequency/Voltage | | | Hz/V | | V3/1~/50/230 | |
| Current | Recommended fuses | | | A | 20 | | 25 |

(1) Cooling Ta 35°C - LWA 18°C (DT=5°C), Heating Ta DB/WB 7°C/6°C - LWC 35°C (DT=5°C) (2) Cooling Ta 35°C - LWA 7°C (DT=5°C), Heating Ta DB/WB 7°C/6°C - LWC 55°C (DT=5°C). This product contains fluorinated greenhouse gases.

*Domestic hot water in combinations with stainless steel tank EIG-IWS(U)-D and ECH₂O thermal store EKI-IWP-(P)B.