HVAC DISTRIBUTING LLC

## VERSAPRO® SERIES
DC INVERTER SPLIT HEAT PUMP SYSTEM

**AVAILABLE IN 18K–60K**




# VERSAPRO® 2ND GEN
## DC INVERTER HEAT PUMP

UP TO 18.8 SEER2 / UP TO HSPF2-4 9.1 / R-454B REFRIGERANT

- GOLD FIN CONDENSER COATING
- GALVANIZED STEEL CABINET
- MAGNETIC COVER FILTER
- VARIABLE-SPEED AIR HANDLER
- MULTI-POSITION INSTALLATION
- ENVIRONMENTALLY-FRIENDLY R-454B REFRIGERANT
- DURABLE BUILD & FINISH
- QUIET OPERATION
- EASY MAINTENANCE
- MODULAR DESIGN
- SLIDE-OUT BLOWER
- SELF-DIAGNOSTICS

**10 YEAR**
**COMPRESSOR WARRANTY**

**10 YEAR**
**PARTS WARRANTY**

MRCOOL® COMFORT MADE SIMPLE

V 10.14.26

HVAC DISTRIBUTING LLC

# VERSAPRO® 2ND GEN DC INVERTER HEAT PUMP SPECIFICATIONS

| IDU MODEL NO. | | Unit | MVP-18-HP-MUAH-Z30A00-0 | MVP-24-HP-MUAH-Z30A00-0 | MVP-30-HP-MUAH-Z30A00-0 | MVP-36-HP-MUAH-Z30A00-0 | MVP-48-HP-MUAH-Z30A00-0 | MVP-60-HP-MUAH-Z30A00-0 |
|---|---|---|---|---|---|---|---|---|
| ODU MODEL NO. | | | MVP-18-HP-C-Z30A00-0 | MVP-24-HP-C-Z30A00-0 | MVP-30-HP-C-Z30A00-0 | MVP-36-HP-C-Z30A00-0 | MVP-48-HP-C-Z30A00-0 | MVP-60-HP-C-Z30A00-0 |
| **CAPACITY & PERFORMANCE** | | | | | | | | |
| Cooling | Capacity | Btu/h | 18000 | 24000 | 30000 | 36000 | 48000 | 54000 |
| | SEER2 | Btu/w | 18.8 | 18.1 | 17.0 | 16.1 | 16.0 | 15.2 |
| | EER2 | Btu/w | 11.0 | 11.0 | 10.7 | 10.0 | 10.0 | 8.6 |
| Heating | Capacity | Btu/h | 18000 | 26000 | 31000 | 36000 | 48000 | 54000 |
| | HSPF2-4 | Btu/w | 9.1 | 9.7 | 8.5 | 8.7 | 8.5 | 8.4 |
| | HSPF2-5 | Btu/w | 7.0 | 7.7 | 6.6 | 7.0 | 7.2 | 6.8 |
| **ELECTRICAL** | | | | | | | | |
| Power Supply | (Indoor) | V~Hz, ph | 115/208/230~60, 1 | 115/208/230~60, 1 | 115/208/230~60, 1 | 115/208/230~60, 1 | 115/208/230~60, 1 | 115/208/230~60, 1 |
| Power Supply | (Outdoor) | V~Hz, ph | 208/230~60, 1 | 208/230~60, 1 | 208/230~60, 1 | 208/230~60, 1 | 208/230~60, 1 | 208/230~60, 1 |
| Min Circuit Ampacity (Indoor) | | A | 5.5/4.0 | 5.5/4.0 | 8.0/6.0 | 8.0/6.0 | 14.5/11.0 | 14.5/11.0 |
| Max Fuse (Indoor) | | A | 15 | 15 | 15 | 15 | 15 | 15 |
| Min Circuit Ampacity (Outdoor) | | A | 16 | 19 | 22.5 | 24 | 36 | 39 |
| Max Fuse (Outdoor) | | A | 20 | 20 | 25 | 30 | 40 | 40 |
| **DIMENSIONS & WEIGHT** | | | | | | | | |
| Indoor Unit | Net (WxDxH) | inch | 17.52 x 21.02 x 45.00 | 17.52 x 21.02 x 45.00 | 21.02 x 21.02 x 49.02 | 21.02 x 21.02 x 49.02 | 24.49 x 21.02 x 52.99 | 24.49 x 21.02 x 52.99 |
| | Packing (WxDxH) | inch | 20.87 x 26.57 x 48.62 | 20.87 x 26.57 x 248.62 | 26.57 x 24.41 x 52.56 | 26.57 x 24.41 x 52.56 | 26.77 x 27.95 x 56.50 | 26.77 x 27.95 x 56.5 |
| | Net/Gross Weight | lbs | 105.82/126.76 | 105.60/127.43 | 128.97/153.44 | 129.41/153.88 | 162.92/190.92 | 162.92/190.92 |
| Outdoor Unit | Net (WxDxH) | inch | 31.69 x 12.99 x 21.81 | 35.04 x 13.46 x 26.50 | 37.24 x 16.14 x 31.89 | 37.24 x 16.14 x 31.89 | 38.58 x 16.34 x 38.39 | 38.58 x 16.34 x 38.39 |
| | Packing (WxDxH) | inch | 36.02 x 14.57 x 24.21 | 39.17 x 15.67 x 29.13 | 42.91 x 19.68 x 34.84 | 42.91 x 19.68 x 34.84 | 45.08 x 19.68 x 42.52 | 45.08 x 19.68 x 42.52 |
| | Net/Gross Weight | lbs | 77/84 | 102/109 | 141.76/152.34 | 153.22/163.58 | 192.90/224.21 | 192.90/224.21 |
| **AIRFLOW** | | | | | | | | |
| Indoor air flow (Turbo/Hi/Mi/Lo) | | m3/h | 1050 / 980 / 900 / 830 | 1400 / 1290 / 1180 / 1070 | 1680 / 1520 / 1370 / 1210 | 2020 / 1840 / 1650 / 1470 | 2720 / 2500 / 2180 / 1860 | 3070/2690/2310/1930 |
| | | CFM | 618.03 / 576.83 / 529.74 / 488.54 | 824.04 / 759.29 / 694.55 / 629.80 | 988.85 / 894.67 / 806.38 / 712.21 | 1188.97 / 1083.02 / 971.19 / 865.24 | 1600.99 / 1471.50 / 1283.15 / 1094.80 | 1807.00 / 1583.33 / 1359.67 / 1136.00 |
| Outdoor air flow | | m3/h | 2465 | 3000 | 5100 | 4100 | 5160 | 5160 |
| | | CFM | 1450.9 | 1765.7 | 3001.8 | 2413.2 | 3037.1 | 3037.1 |
| **REFRIGERANT & PIPING** | | | | | | | | |
| Refrigerant Charge (R-454B) | | oz | 51.15 | 74.08 | 91.71 | 116.4 | 134.04 | 134.04 |
| Piping Size Liquid Side/Gas Side | | inch | 3/8"-3/4" | 3/8"-3/4" | 3/8"-3/4" | 3/8"-3/4" | 3/8"-3/4" | 3/8"-3/4" |

c ETL us Intertek 5031495

c UL us LISTED

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*Data provided by AHRI

*All specifications are preliminary and subject to change during mass production.

Equipment sizing and installation must be performed by a licensed HVAC contractor in accordance with ACCA Manual J and applicable local codes.

## VERSAPRO® 2ND GEN DC INVERTER HEAT KITS

| MODEL NO. | CAPACITY | COMPATIBILITY |
|---|---|---|
| MVPHK05 | 5KW | MVP-18-HP-MUAH-230A00-0, MVP-24-HP-MUAH-230A00-0, MVP-30-HP-MUAH-230A00-0, MVP-36-HP-MUAH-230A00-0 |
| MVPHK08 | 8KW | MVP-18-HP-MUAH-230A00-0, MVP-24-HP-MUAH-230A00-0, MVP-30-HP-MUAH-230A00-0, MVP-36-HP-MUAH-230A00-0, MVP-48-HP-MUAH-230A00-0 |
| MVPHK10 | 10KW | MVP-18-HP-MUAH-230A00-0, MVP-24-HP-MUAH-230A00-0, MVP-30-HP-MUAH-230A00-0, MVP-36-HP-MUAH-230A00-0, MVP-48-HP-MUAH-230A00-0, MVP-60-HP-MUAH-230A00-0 |
| MVPHK15 | 15KW | MVP-24-HP-MUAH-230A00-0, MVP-30-HP-MUAH-230A00-0, MVP-36-HP-MUAH-230A00-0, MVP-48-HP-MUAH-230A00-0, MVP-60-HP-MUAH-230A00-0 |
| MVPHK20 | 20KW | MVP-36-HP-MUAH-230A00-0, MVP-48-HP-MUAH-230A00-0, MVP-60-HP-MUAH-230A00-0 |