



Y-VHA-P2.336.2-HP – Y-VHA-P2.456.2-HP

**REVERSIBLE
AIR-WATER HEAT PUMP****HEATING CAPACITY**

244 kW – 332 kW

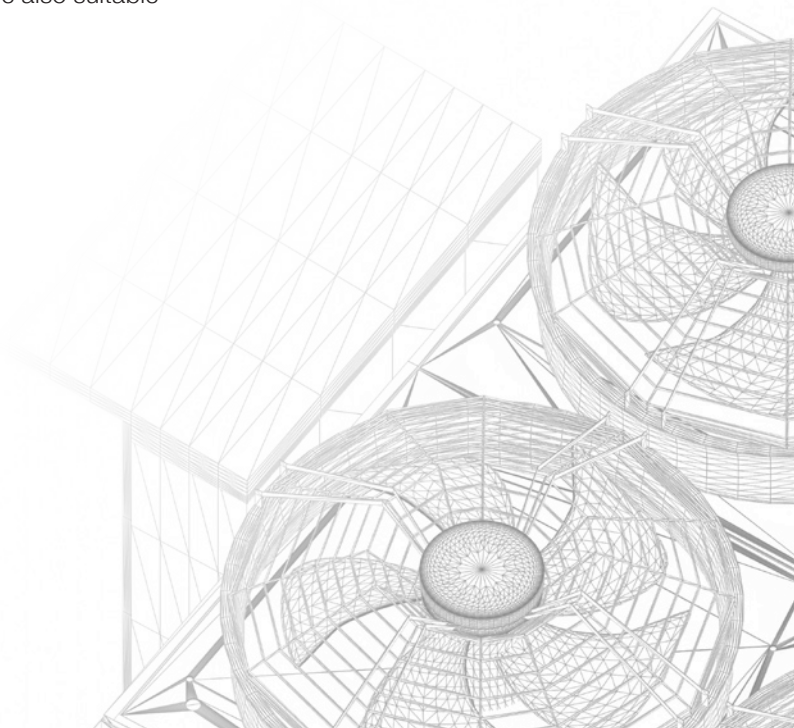
**COOLING CAPACITY**

222 kW – 299 kW

**R290****REVERSIBLE
AIR-WATER HEAT PUMP**

The reversible air-water heat pumps impress with their efficient performance in a wide range of operating conditions. They can heat buildings or systems in winter, for example, and cool them in summer, thus reliably covering varying base loads throughout the year. Thanks to their low-noise design, they are also suitable for outdoor installation in densely built-up areas.

- ✓ Semi-hermetic reciprocating compressor
- ✓ Optional inverter for compressors
- ✓ EC fans
- ✓ Noise-reduced design
- ✓ PLC control



TECHNICAL DATA

REVERSIBLE AIR-WATER HEAT PUMP

Y-VHA-P2.336.2-HP Y-VHA-P2.374.2-HP Y-VHA-P2.393.2-HP Y-VHA-P2.456.2-HP

Dimensions and weight

| | mm | 3.800 x 2.110 x 2.430 | 3.800 x 2.110 x 2.430 | 3.800 x 2.110 x 2.430 | 3.800 x 2.110 x 2.430 |
|--------------------|----|-----------------------|-----------------------|-----------------------|-----------------------|
| Dimensions (LxWxH) | | | | | |
| Shipping weight | kg | 2.795 | 3.168 | 3.165 | 3.238 |
| Operation weight | kg | 2.869 | 3.250 | 3.247 | 3.325 |

Performance data (heating)

| | | | | | |
|---|----|-------|-------|-------|-------|
| Heating capacity (A7/W35) | kW | 244,0 | 294,0 | 315,0 | 332,0 |
| Electrical power consumption compressor | kW | 55,3 | 64,6 | 69,9 | 80,2 |
| COP | - | 4,09 | 4,23 | 4,00 | 3,68 |
| $\eta_{s,h}$ (LT) | % | 156 | 156 | 144 | 139 |

Performance data (cooling)

| | | | | | |
|---|----|-------|-------|-------|-------|
| Cooling capacity (A35/W7) | kW | 222,0 | 258,0 | 278,0 | 305,0 |
| Electrical power consumption compressor | kW | 73,5 | 85,7 | 89,0 | 102,0 |
| EER | - | 2,87 | 2,87 | 2,86 | 2,72 |
| $\eta_{s,c}$ | % | 164 | 161 | 160 | 145 |

General data

| | | | | | |
|------------------------|------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Refrigerant | pcs. | Propane | Propane | Propane | Propane |
| Compressor | pcs. | 2 | 2 | 2 | 2 |
| Type | - | Reciprocating semi-hermetic | Reciprocating semi-hermetic | Reciprocating semi-hermetic | Reciprocating semi-hermetic |
| Capacity control | - | 4-level | 4-level | 4-level | 4-level |
| Refrigeration circuits | pcs. | 2 | 2 | 2 | 2 |
| Refrigerant charge | kg | 29,30 | 36,00 | 36,40 | 39,00 |
| Fan | pcs. | 6 | 6 | 6 | 6 |
| Type | - | Axial, EC | Axial, EC | Axial, EC | Axial, EC |

Noise emissions

| | | | | | |
|------------------------------|--------|----|----|----|----|
| Sound power level | dB (A) | 85 | 85 | 88 | 88 |
| Sound pressure level at 10 m | dB (A) | 53 | 53 | 56 | 56 |