



Y-VHA-P2.518.2-HP – Y-VHA-P2.616.2-HP

REVERSIBLE AIR-WATER HEAT PUMP

**HEATING CAPACITY**

389 kW – 450 kW

**COOLING CAPACITY**

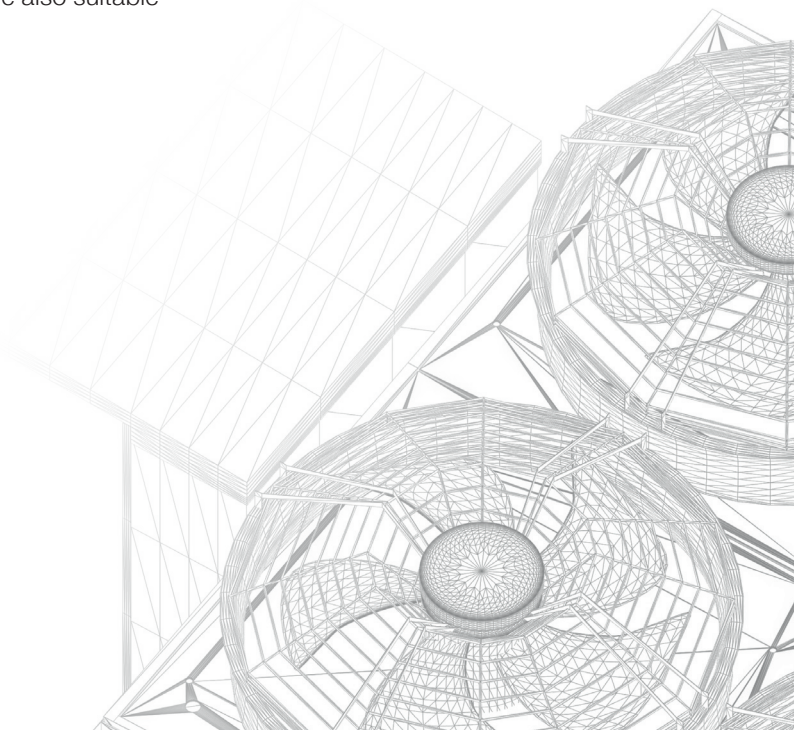
344 kW – 404 kW

**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-P2.518.2-HP

Y-VHA-P2.560.2-HP

Y-VHA-P2.616.2-HP

Dimensions and weight

		Y-VHA-P2.518.2-HP	Y-VHA-P2.560.2-HP	Y-VHA-P2.616.2-HP
Dimensions (LxWxH)	mm	4.850 x 2110 x 2.430	4.850 x 2110 x 2.430	4.850 x 2110 x 2.430
Shipping weight	kg	4.253	4.380	4.364
Operation weight	kg	4.389	4.560	4.567

Performance data (heating) 🔥

Heating capacity (A7/W35)	kW	389,0	415,0	450,0
Electrical power consumption compressor	kW	84,0	88,6	97,6
COP	-	4,07	4,15	4,09
$\eta_{s,h}$ (LT)	%	162	149	150

Performance data (cooling) ❄️

Cooling capacity (A35/W7)	kW	344,0	373,0	404,0
Electrical power consumption compressor	kW	116,0	121,0	136,0
EER	-	2,82	2,83	2,77
$\eta_{s,c}$	%	160	159	157

General data

Refrigerant	pcs.	Propane	Propane	Propane
Compressor	pcs.	4	4	4
Type	-	Reciprocating semi-hermetic	Reciprocating semi-hermetic	Reciprocating semi-hermetic
Capacity control	-	5-level	4-level	4-level
Refrigeration circuits	pcs.	2	2	2
Refrigerant charge	kg	47,00	53,90	57,40
Fan	pcs.	8	8	8
Type	-	Axial, EC	Axial, EC	Axial, EC

Noise emissions

Sound power level	dB (A)	86	89	89
Sound pressure level at 10 m	dB (A)	54	57	57