



Y-VHA-P2.336.2-HP – Y-VHA-P2.456.2-HP

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

243 kW – 349 kW

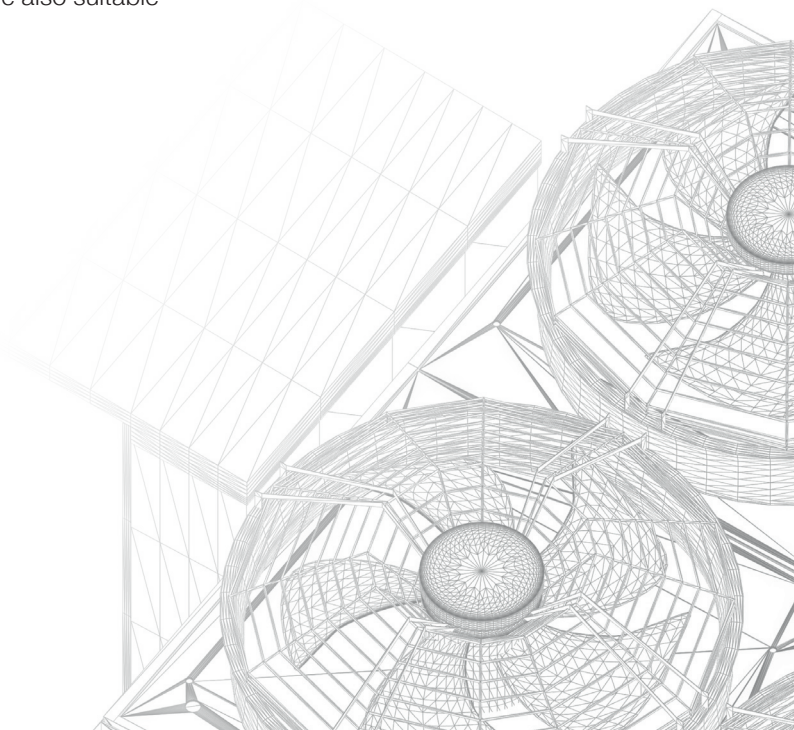
**COOLING CAPACITY**

221 kW – 305 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 2110 x 2.430	3.800 x 2110 x 2.430	3.800 x 2110 x 2.430	3.800 x 2110 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	243,0	292,0	314,0	349,0
Electrical power consumption compressor	kW	55,2	65,0	69,6	77,0
COP	-	4,07	4,18	4,01	4,03
$\eta_{s,h}$ (LT)	%	158	155	142	130

Performance data (cooling)

Cooling capacity (A35/W7)	kW	221,0	258,0	278,0	305,0
Electrical power consumption compressor	kW	73,7	85,4	89,2	105,0
EER	-	2,85	2,88	2,86	2,70
$\eta_{s,c}$	%	162	161	154	143

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