



Y-VHA-P2.252.2-HP – Y-VHA-P2.308.2-HP

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

193 kW – 226 kW

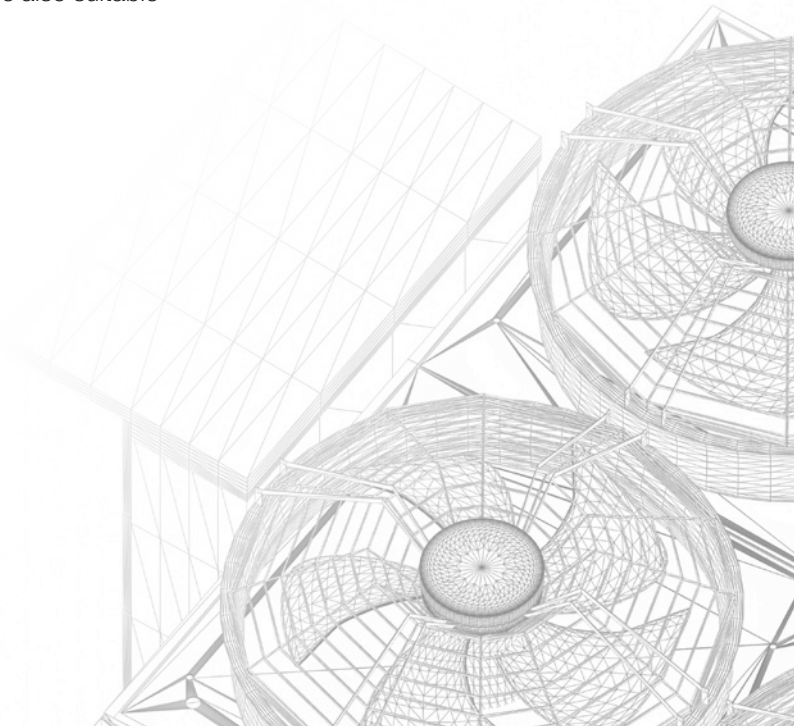
**COOLING CAPACITY**

175 kW – 199 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-P2.252.2-HP Y-VHA-P2.266.2-HP Y-VHA-P2.280.2-HP Y-VHA-P2.308.2-HP

### Dimensions and weight

	mm	2.750 x 2.110 x 2.430	2.750 x 2.110 x 2.430	2.750 x 2.110 x 2.430	2.750 x 2.110 x 2.430
Dimensions (LxWxH)					
Shipping weight	kg	2.328	2.365	2.359	2.401
Operation weight	kg	2.381	2.424	2.417	2.459

### Performance data (heating)

Heating capacity (A7/W35)	kW	193,0	198,0	207,0	226,0
Electrical power consumption compressor	kW	41,3	42,3	45,6	50,2
COP	-	4,33	4,13	4,04	4,00
$\eta_{s,h}$ (LT)	%	160	158	146	150

### Performance data (cooling)

Cooling capacity (A35/W7)	kW	175,0	179,0	187,0	199,0
Electrical power consumption compressor	kW	56,6	59,5	60,4	66,0
EER	-	2,94	2,87	2,84	2,79
$\eta_{s,c}$	%	161	162	161	157

### 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	23,00	24,80	26,00	26,00
Fan	pcs.	4	4	4	4
Type	-	Axial, EC	Axial, EC	Axial, EC	Axial, EC

### Noise emissions

Sound power level	dB (A)	83	83	86	86
Sound pressure level at 10 m	dB (A)	51	51	54	54