

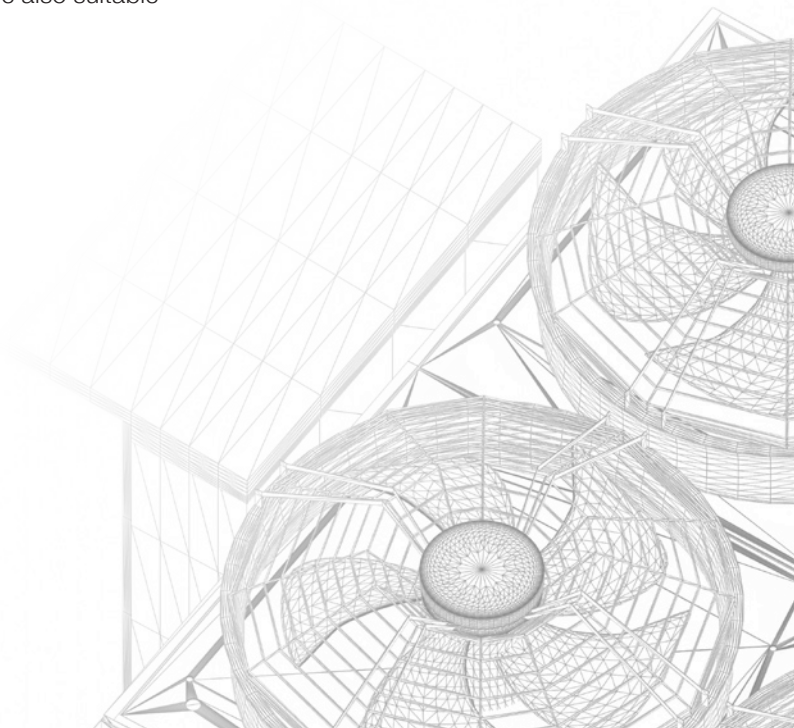


Y-VHA-P1.52.2-HP – Y-VHA-P1.59.2-HP

**REVERSIBLE  
AIR-WATER HEAT PUMP****HEATING CAPACITY**  
45 kW – 53 kW**COOLING CAPACITY**  
41 kW – 50 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
- ✓ Inverter for compressors
- ✓ EC fans
- ✓ Noise-reduced design
- ✓ PLC control



## TECHNICAL DATA


# REVERSIBLE AIR-WATER HEAT PUMP

## Y-VHA-P1.52.2-HP


## Y-VHA-P1.59.2-HP

**Dimensions and weight**

Dimensions (LxWxH)	mm	1.700 x 1.050 x 2.430	1.700 x 1.050 x 2.430
Shipping weight	kg	920	920
Operation weight	kg	943	943

**Performance data (heating)** 

Heating capacity (A7/W35)	kW	45,3	53,1
Electrical power consumption compressor	kW	9,6	11,4
COP	-	4,12	4,08
$\eta$ s,h (LT)	%	147	150

**Performance data (cooling)** 

Cooling capacity (A35/W7)	kW	40,9	49,5
Electrical power consumption compressor	kW	12,7	14,9
EER	-	2,90	3,04
$\eta$ s,c	%	153	150

**General data**

Refrigerant	pcs.	Propane	Propane
Compressor	pcs.	1	1
Type	-	Reciprocating semi-hermetic	Reciprocating semi-hermetic
Capacity control	-	Inverter	Inverter
Refrigeration circuits	pcs.	1	1
Refrigerant charge	kg	6,39	6,39
Fan	pcs.	1	1
Type	-	Axial, EC	Axial, EC

**Noise emissions**

Sound power level	dB (A)	80	80
Sound pressure level at 10 m	dB (A)	48	48