





Y-VHA-P2.196.2-CH – Y-VHA-P1.252.2-CH
AIR-COOLED CHILLER

 **COOLING CAPACITY**
136 kW – 182 kW

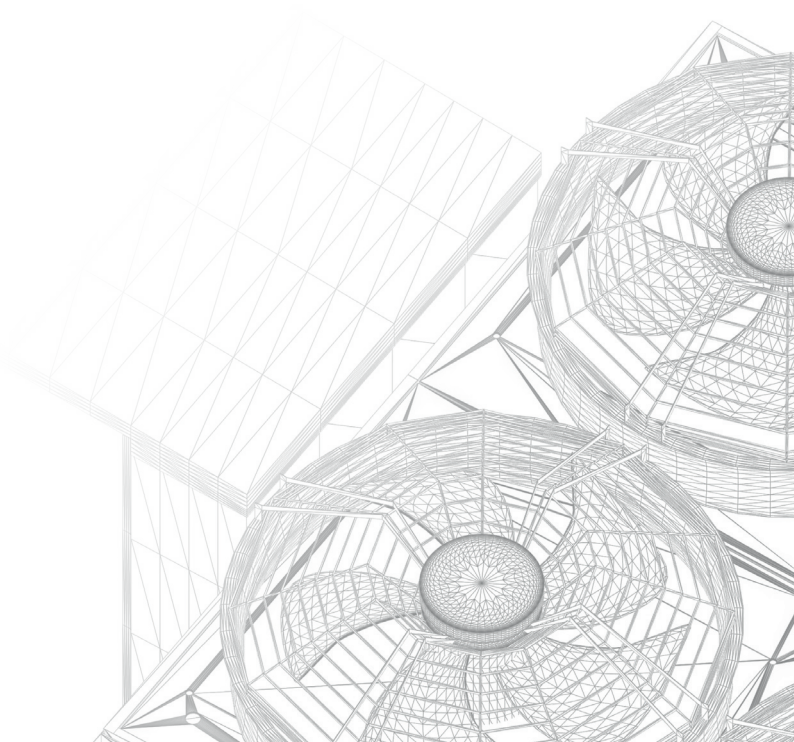
 **OPTIONAL**
with free-cooling



AIR-COOLED CHILLER
WITH NATURAL REFRIGERANT

Our chillers reliably produce perfect temperatures in comfort and process applications across a wide performance range. The highly developed, low-noise design ensures economical operation - even more so in the models with free cooling.

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



TECHNICAL DATA

AIR-COOLED CHILLER

Y-VHA-P1.84.2-CH

Y-VHA-P1.103.2-CH

Y-VHA-P2.118.2-CH

Y-VHA-P1.252.2-CH

Dimensions and weight

		Y-VHA-P1.84.2-CH	Y-VHA-P1.103.2-CH	Y-VHA-P2.118.2-CH	Y-VHA-P1.252.2-CH
Dimensions (LxWxH)	mm	3.800 x 1.050 x 2.430	3.800 x 1.050 x 2.430	3.800 x 1.050 x 2.430	3.800 x 1.050 x 2.430
Shipping weight	kg	1.673	1.673	1.738	1.772
Operation weight	kg	1.721	1.721	1.786	1.809

Performance data (cooling) ❄️

Cooling capacity (A35/W7)	kW	136,0	143,0	162,0	182,0
Electrical power consumption compressor	kW	42,80	41,90	50,10	54,70
EER	-	3,01	3,24	3,09	3,08
$\eta_{s,c}$	%	163	166	166	166

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 steps	3 steps	3 steps	2 steps
Refrigeration circuits	pcs.	2	1	1	1
Refrigerant charge	kg	13,40	8,93	9,48	9,17
Fan	pcs.	3	3	3	3
Type	-	Axial, EC	Axial, EC	Axial, EC	Axial, EC

Noise emissions

Sound power level	dB (A)	82	82	85	85
Sound pressure level at 10 m	dB (A)	50	50	53	53