





Y-VHA-P1.84.2-CH – Y-VHA-P1.168.1-CH **AIR-COOLED CHILLER**

 **COOLING CAPACITY**
72 kW – 117 kW

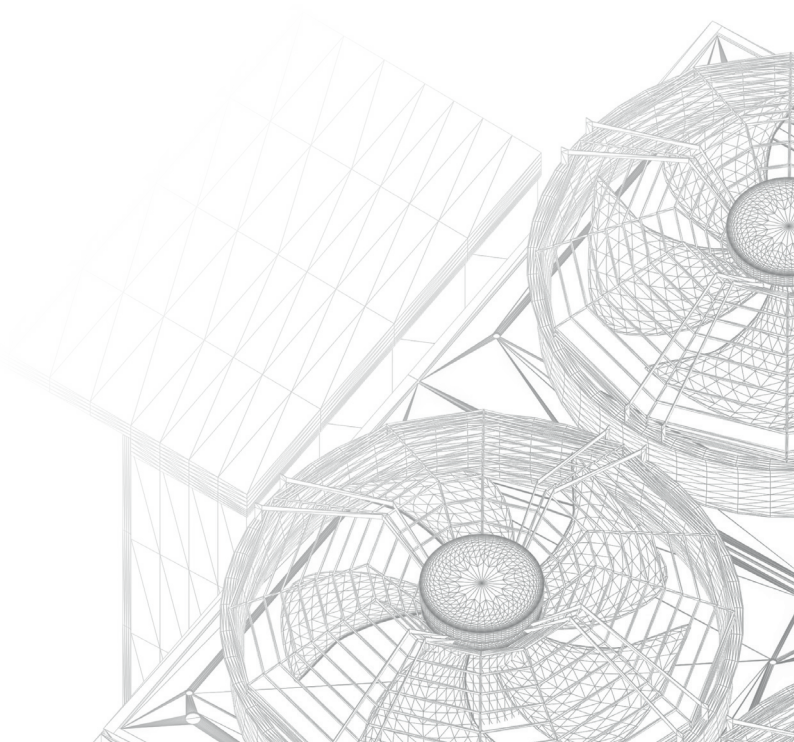
 **OPTIONAL**
with free-cooling



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
Dimensions and weight				
Dimensions (LxWxH)	mm	2.750 x 1.050 x 2.430	2.750 x 1.050 x 2.430	2.750 x 1.050 x 2.430
Shipping weight	kg	1.071	1.099	1.462
Operation weight	kg	1.097	1.126	1.499
Performance data (cooling) ❄️				
Cooling capacity (A35/W7)	kW	72,4	83,2	91,0
Electrical power consumption compressor	kW	19,40	23,50	26,20
EER	-	3,48	3,33	3,30
$\eta_{s,c}$	%	170	162	167
General data				
Refrigerant	pcs.	Propane	Propane	Propane
Compressor	pcs.	1	1	2
Type	-	Reciprocating semi-hermetic	Reciprocating semi-hermetic	Reciprocating semi-hermetic
Capacity control	-	Inverter	Inverter	4 steps
Refrigeration circuits	pcs.	1	1	2
Refrigerant charge	kg	4,44	5,24	9,60
Fan	pcs.	2	2	2
Type	-	Axial, EC	Axial, EC	Axial, EC
Noise emissions				
Sound power level	dB (A)	80	80	80
Sound pressure level at 10 m	dB (A)	48	48	48

TECHNICAL DATA

AIR-COOLED CHILLER

		Y-VHA-P1.130.2-CH	Y-VHA-P1.142.1-CH	Y-VHA-P1.168.1-CH
Dimensions and weight				
Dimensions (LxWxH)	mm	2.750 x 1.050 x 2.430	2.750 x 1.050 x 2.430	2.750 x 1.050 x 2.430
Shipping weight	kg	1.340	1.359	1.377
Operation weight	kg	1.377	1.396	1.402
Performance data (cooling) ❄️				
Cooling capacity (A35/W7)	kW	99,6	107,0	117,0
Electrical power consumption compressor	kW	29,20	32,10	35,50
EER	-	3,24	3,19	3,05
$\eta_{s,c}$	%	167	169	165
General data				
Refrigerant	pcs.	Propane	Propane	Propane
Compressor	pcs.	2	2	2
Type	-	Reciprocating semi-hermetic	Reciprocating semi-hermetic	Reciprocating semi-hermetic
Capacity control	-	3 steps	2 steps	2 steps
Refrigeration circuits	pcs.	1	1	1
Refrigerant charge	kg	5,49	5,96	6,40
Fan	pcs.	2	2	2
Type	-	Axial, EC	Axial, EC	Axial, EC
Noise emissions				
Sound power level	dB (A)	80	80	83
Sound pressure level at 10 m	dB (A)	48	48	51