





Y-VHA-P1.25.2-CH – Y-VHA-P1.71.2-CH **AIR-COOLED CHILLER**

 **COOLING CAPACITY**
21 kW – 59 kW

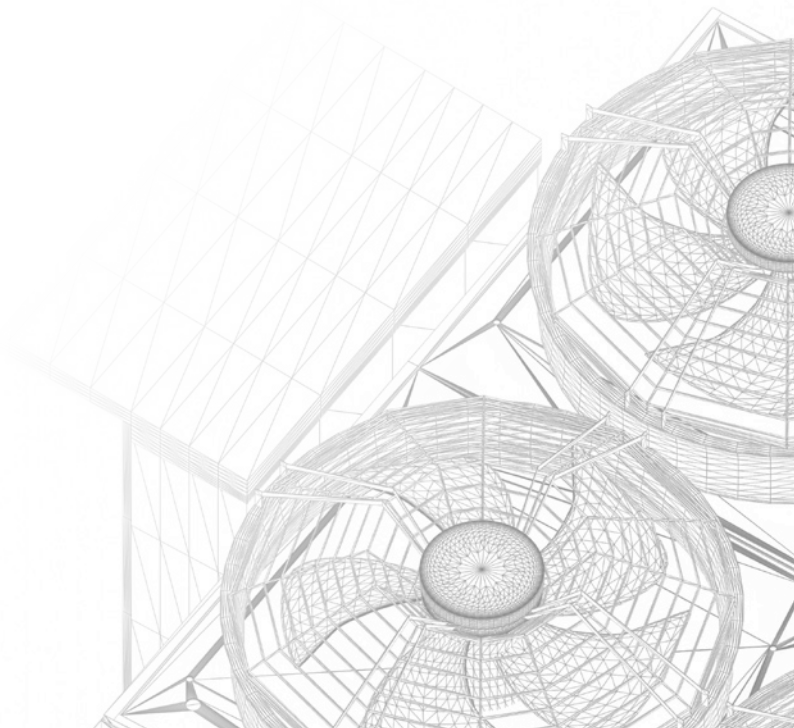
 **OPTIONAL**
with free-cooling



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
- ✓ Inverter for compressors
- ✓ EC fans
- ✓ Noise-reduced design
- ✓ Optional hydraulic module
- ✓ PLC control



TECHNICAL DATA

AIR-COOLED CHILLER

		Y-VHA-P1.25.2-CH	Y-VHA-P1.28.2-CH	Y-VHA-P1.33.2-CH
Dimensions and weight				
Dimensions (LxWxH)	mm	1.700 x 1.050 x 2.430	1.700 x 1.050 x 2.430	1.700 x 1.050 x 2.430
Shipping weight	kg	592	594	694
Operation weight	kg	600	603	701
Performance data (cooling) ❄️				
Cooling capacity (A35/W7)	kW	21,4	23,1	28,6
Electrical power consumption compressor	kW	6,02	7,31	7,43
EER	-	3,34	3,16	3,49
$\eta_{s,c}$	%	166	166	177
General data				
Refrigerant	pcs.	Propane	Propane	Propane
Compressor	pcs.	1	1	1
Type	-	Reciprocating semi-hermetic	Reciprocating semi-hermetic	Reciprocating semi-hermetic
Capacity control	-	Inverter	Inverter	Inverter
Refrigeration circuits	pcs.	1	1	1
Refrigerant charge	kg	1,60	1,60	2,70
Fan	pcs.	1	1	1
Type	-	Axial, EC	Axial, EC	Axial, EC
Noise emissions				
Sound power level	dB (A)	70	70	76
Sound pressure level at 10 m	dB (A)	38	38	44

TECHNICAL DATA

AIR-COOLED CHILLER

Y-VHA-P1.36.2-CH

Y-VHA-P1.59.2-CH

Y-VHA-P1.71.2-CH

Dimensions and weight

		Y-VHA-P1.36.2-CH	Y-VHA-P1.59.2-CH	Y-VHA-P1.71.2-CH
Dimensions (LxWxH)	mm	1.700 x 1.050 x 2.430	1.700 x 1.050 x 2.430	1.700 x 1.050 x 2.430
Shipping weight	kg	634	800	813
Operation weight	kg	642	822	836

Performance data (cooling) ❄️

		Y-VHA-P1.36.2-CH	Y-VHA-P1.59.2-CH	Y-VHA-P1.71.2-CH
Cooling capacity (A35/W7)	kW	28,4	50,5	57,7
Electrical power consumption compressor	kW	7,70	14,70	17,80
EER	-	3,35	3,28	3,02
$\eta_{s,c}$	%	173	166	166

General data

		Y-VHA-P1.36.2-CH	Y-VHA-P1.59.2-CH	Y-VHA-P1.71.2-CH
Refrigerant	pcs.	Propane	Propane	Propane
Compressor	pcs.	1	1	1
Type	-	Reciprocating semi-hermetic	Reciprocating semi-hermetic	Reciprocating semi-hermetic
Capacity control	-	2-level	Inverter	Inverter
Refrigeration circuits	pcs.	1	1	1
Refrigerant charge	kg	2,70	3,39	3,62
Fan	pcs.	1	1	1
Type	-	Axial, EC	Axial, EC	Axial, EC

Noise emissions

		Y-VHA-P1.36.2-CH	Y-VHA-P1.59.2-CH	Y-VHA-P1.71.2-CH
Sound power level	dB (A)	76	77	81
Sound pressure level at 10 m	dB (A)	44	45	49