



Y-VHA-P1.71.2-4T – Y-VHA-P1.142.2-4T

4-PIPE AIR-COOLED MULTIPURPOSE UNIT

**HEATING CAPACITY**

66 kW – 121 kW

**COOLING CAPACITY**

57 kW – 102 kW

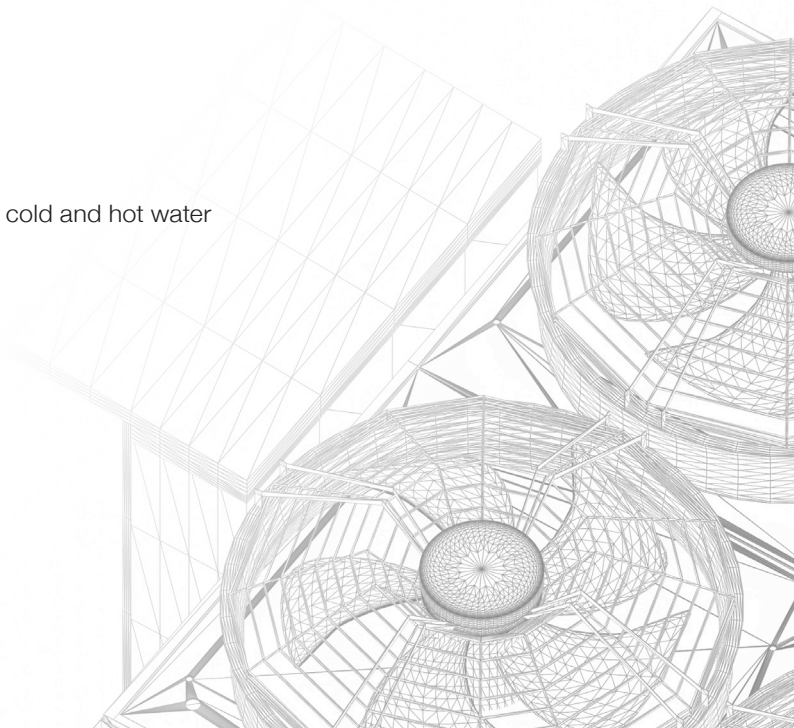
**R290**

4-PIPE

AIR-COOLED MULTIPURPOSE UNIT





Our air-cooled multipurpose unit for 4 pipe systems are the perfect choice when heating and cooling loads need to be met at the same time. In such cases, in addition to their high cost-effectiveness, they offer valuable advantages in terms of space savings and a particularly tidy design of the entire energy system.

- ✓ Simultaneous and independent production of cold and hot water
- ✓ Semi-hermetic reciprocating compressor
- ✓ Optional inverter for compressors
- ✓ EC fans
- ✓ Noise-reduced design
- ✓ Optional hydraulic module
- ✓ PLC control



TECHNICAL DATA

4-PIPE AIR-COOLED MULTIPURPOSE UNIT

		Y-VHA-P1.71.2-4T	Y-VHA-P1.84.2-4T	Y-VHA-P1.103.2-4T
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	1.287	1.322	1.341
Operation weight	kg	1.310	1.349	1.367
Performance data (heating only) 				
Heating capacity (A7/W35)	kW	66,0	76,8	88,1
Electrical power consumption compressor	kW	14,0	16,7	18,5
COP	-	4,34	4,24	4,38
$\eta_{s,h}$ (LT)	%	157	143	149
Performance data (cooling only) 				
Cooling capacity (A35/W7)	kW	56,7	64,8	76,6
EER	-	3,10	2,96	3,05
$\eta_{s,c}$	%	166	163	150
Performance data (heating + cooling)  				
Heating capacity (A7/W35)	kW	80,3	95,1	106,0
Cooling capacity (A35/W7)	kW	65,1	77,3	86,4
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	9,22	10,10	11,00
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

4-PIPE AIR-COOLED MULTIPURPOSE UNIT

Y-VHA-P1.130.2-4T

Y-VHA-P1.142.2-4T

Dimensions and weight

Dimensions (LxWxH)	mm	2.750 x 1.050 x 2.430	2.750 x 1.050 x 2.430
Shipping weight	kg	1.902	1.944
Operation weight	kg	1.928	1.971

Performance data (heating only) 🔥

Heating capacity (A7/W35)	kW	110,0	121,0
Electrical power consumption compressor	kW	22,6	25,0
COP	-	4,40	4,31
η s,h (LT)	%	158	150

Performance data (cooling only) ❄️

Cooling capacity (A35/W7)	kW	93,5	102,0
EER	-	2,97	2,94
η s,c	%	156	153

Performance data (heating + cooling) 🔥❄️

Heating capacity (A7/W35)	kW	135,0	145,0
Cooling capacity (A35/W7)	kW	110,0	118,0

General data

Refrigerant	pcs.	Propane	Propane
Compressor	pcs.	2	2
Type	-	Reciprocating semi-hermetic	Reciprocating semi-hermetic
Capacity control	-	4-level	4-level
Refrigeration circuits	pcs.	2	2
Refrigerant charge	kg	13,70	15,00
Fan	pcs.	2	2
Type	-	Axial, EC	Axial, EC

Noise emissions

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