



Y-VHA-P1.168.2-4T – Y-VHA-P1.229.2-4T

## 4-PIPE AIR-COOLED MULTIPURPOSE UNIT



**HEATING CAPACITY**  
133 kW – 145 kW



**COOLING CAPACITY**  
119 kW – 154 kW

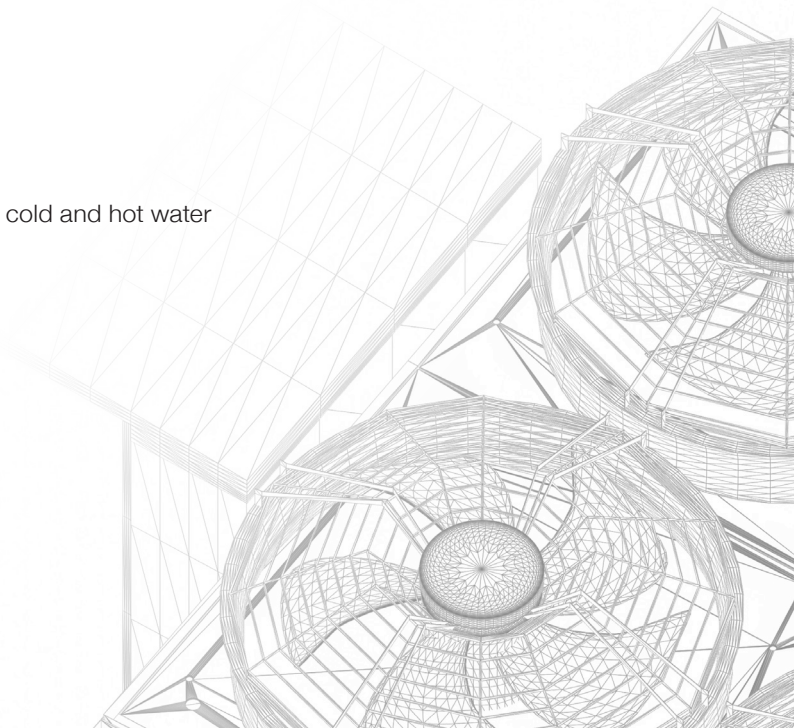


**R290**

### 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-P1.130.2-4T

## Y-VHA-P1.142.2-4T

**Dimensions and weight**

		Y-VHA-P1.130.2-4T	Y-VHA-P1.142.2-4T
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)** 🔥

		Y-VHA-P1.130.2-4T	Y-VHA-P1.142.2-4T
Heating capacity (A7/W35)	kW	110,0	121,0
Electrical power consumption compressor	kW	22,6	25,0
COP	-	4,40	4,31
$\eta$ s,h (LT)	%	158	150

**Performance data (cooling only)** ❄️

		Y-VHA-P1.130.2-4T	Y-VHA-P1.142.2-4T
Cooling capacity (A35/W7)	kW	93,5	102,0
EER	-	2,97	2,94
$\eta$ s,c	%	156	153

**Performance data (heating + cooling)** 🔥❄️

		Y-VHA-P1.130.2-4T	Y-VHA-P1.142.2-4T
Heating capacity (A7/W35)	kW	135,0	145,0
Cooling capacity (A35/W7)	kW	110,0	118,0

**General data**





		Y-VHA-P1.130.2-4T	Y-VHA-P1.142.2-4T
Refrigerant	pcs.	Propane	Propane
Compressor	pcs.	2	2
Type	-	Reciprocating semi-hermetic	Reciprocating semi-hermetic
Capacity control	-	3-level	2-level
Refrigeration circuits	pcs.	1	1
Refrigerant charge	kg	13,70	15,00
Fan	pcs.	2	2
Type	-	Axial, EC	Axial, EC

**Noise emissions**

		Y-VHA-P1.130.2-4T	Y-VHA-P1.142.2-4T
Sound power level	dB (A)	83	83
Sound pressure level at 10 m	dB (A)	51	51

## TECHNICAL DATA

### 4-PIPE AIR-COOLED MULTIPURPOSE UNIT

		Y-VHA-P1.168.2-4T	Y-VHA-P1.196.2-4T	Y-VHA-P1.229.2-4T
<b>Dimensions and weight</b>				
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
Shipping weight	kg	2.069	2.121	2.304
Operation weight	kg	2.108	2.170	2.352
<b>Performance data (heating only) </b>				
Heating capacity (A7/W35)	kW	133,0	147,0	145,0
Electrical power consumption compressor	kW	27,0	31,5	36,7
COP	-	4,55	4,06	3,70
$\eta_{s,h}$ (LT)	%	153	145	145
<b>Performance data (cooling only) </b>				
Cooling capacity (A35/W7)	kW	119,0	136,0	154,0
EER	-	2,97	2,97	2,85
$\eta_{s,c}$	%	129	157	150
<b>Performance data (heating + cooling)  </b>				
Heating capacity (A7/W35)	kW	168,0	185,0	215,0
Cooling capacity (A35/W7)	kW	138,0	151,0	175,0
<b>General data</b>				
Refrigerant	pcs.	Propane	Propane	Propane
Compressor	pcs.	2	2	2
Type	-	Reciprocating semi-hermetic	Reciprocating semi-hermetic	Reciprocating semi-hermetic
Capacity control	-	3-level	3-level	3-level
Refrigeration circuits	pcs.	1	1	1
Refrigerant charge	kg	16,50	22,10	23,70
Fan	pcs.	3	3	3
Type	-	Axial, EC	Axial, EC	Axial, EC
<b>Noise emissions</b>				
Sound power level	dB (A)	82	85	85
Sound pressure level at 10 m	dB (A)	50	53	53