

Airmi Monoblock heat pump

AIMG80X1 [R14]

























Device features



Environmentally friendly refrigerant R32



Efficient heating



Energy efficiency class at 35°C



Energy efficiency class at 55°C A++



Maximum COP 4,50



Operating range down to -25°C



Supply water temperature of 65°C



Smart Grid functionality



Twin rotary compressor



Integrated electric



Outdoor unit drip tray heater



Compressor crankcase heate



Easy installation and maintenance



Silent mode



WiFi module in wired controller



Daily operation schedule



Configurable weekly schedules



Vacation mode



Menu in English



Multilanguage menu



Integrated temperature sensor



Weather operating modes (climate curve)



2 heating control zones



Dedicated application



Disinfection



Maximum leaving water temperature of 60°C (in DHW mode)



Prepared to create a cascade system



Modbus Protocol



Specification outdoor unit

Marcon	_					
Marie 1976	Model				AIMG80X1 R14	
Montanger	EAN Code				5905567602429	
March Mar	Power supply			V-Hz Ø	220.240.50 ff	
Marie Mar	rower supply	1				
Marie Ma	Heating			_		
Mary		Rated input		kW	1,76	
Mind Fig. 1 Mind Fig. 2 1.00 </td <td></td> <td colspan="2">COP</td> <td></td> <td>4,50</td>		COP			4,50	
Mind Fig. 1 Mind Fig. 2 1.00 </td <td></td> <td colspan="2">Capacity</td> <td>kW</td> <td>8,30</td>		Capacity		kW	8,30	
Month Mo						
# Page	(A7/W45)					
## 1985 1985						
Mary		Capacity		kW	7,70	
Code		Rated input		kW	2,98	
Month of the	(6771133)				2,58	
Month of the				kw	820	
Mate	Cooling					
Depart Part Par	(A35/W18)			kW		
Source of the part of the pa		EER			4,65	
Main		Capacity		kW	7,60	
100 100		Rated input		kW	2.55	
March Mar	(A35/W7)					
Marchan August Ma						
## 100 10						
Mile of the continue of the	Seasonal energy	Rated heat output		kW	7,4	
Maria de la granding millone Mi		Seasonal energy efficiency ratio (ηS)		96	183	
Section of accosed and price price gen deceny class				kWh	3529	
Marco						
## STORY AS NOT 1999 131						
## Design a property of the control	Seasonal energy	Rated heat output		kW	6,70	
Manual of the personness of		Seasonal energy efficiency ratio (ηS)		96	131	
Spile Spi	LWT at 55°C			kWh	4162	
150					A	
Minima dia no management Minima dia no mana						
Minimum rand correct of the operatores (rector breaker with breaker type	SEER					
Type		LWT at 18°C			8,31	
Fig. 1996 Boughtes De Contor / BLDC Religiour X Religiour	Minimum rated current of the overcurrent circuit breaker with breaker type			A	B32	
Fig. 1996 Boughtes De Contor / BLDC Religiour X Religiour					Twin rotary inverter compressor DC	
Figural Paris	*					
Peter grant	Fan					
Refrigerant GAVP 4g 1.3 All minul wire pc and dimension of cords* ————————————————————————————————————						
Refrigerant February Febru	T _i		Туре		R32	
Page	B 61		GWP		675	
Name Valence Valenc	Refrigerant			kg	1,3	
Maintal wings and dimension of cords* Bracket spacing Will * Will			Quantity		0.878	
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Sound pressure level dB(A) 6 Sound pressure level dB(A) 59 Sound power level dB(A) 59 Ket dimensions (WX D X H) mm 1125 x 525 x 703 Gross dimensions (WX D X H) mm 1200 x 425 x 865 Net weight / Gross veright kg 8.25 / 596 4.25 x 865 Power guity Private cooling 5-5-43 / 25-55 4.25 x 865 Lewing water persure Space cooling °C 35-43 Power supply °C 77-25 72-25 Lewing water persure °C 25-60 77-25 Power supply °C 25-60 77-25 Power supply °P x y y y y y x y 3 Number of hearing stages pss 1 Power pss 1 Assimum operating current A 13.6 Maximum operating current A 13.6 Value of theiring stages pss 1 Power pss 1 C						
Sound power level dB(N) 59 Net directions (N × D × H) mm 1125 × 425 × 825 Operating putdong Coperating quotion of temperature Colling / Heading °C 55-543 / 25-35 Operating muddong temperature Operating muddong °C 55-543 / 25-35 Operation modes Feature special put of temperature Plant of the stating stages °C 55-54-34 Operation modes Foreign and cooling °C 7-25 4-25-56 Debut (bank) °C 25-69 9-90 Operation modes °C 25-69 1 Electric heater Space examing (bank) °C 25-69 1 Operation modes °C 25-69 1 1 Electric heater Power supply VHz, Ø 220-240-50,1f 1 Macromatic properting current A 13.6 3 1 Power supply Fresure relief valve MPa 0,3 3 1 Value or connection supplementation and properating current MPa 0,3 3	Bracket spacing (W1 × W2 × D)			mm	624×229×425	
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Total water volume I 0,86				m		
		Water pump type			DC inverter	
		Total water volume		1	0,86	

⁽¹⁾ Seasonal energy efficiency class measured under average climate conditions.

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Notes: DHW – Domestic hot water, LWT – Leaving water temperature

The sound pressure level is measured 1m in front of the unit and (1+H)/2m (where H is the height of the unit) above the floor in semi-anechoic room. During on-site operation sound pressure levels can be higher as a result of ambient noise. Sound pressure level and sound power level reflect the maximum value tested under three conditions specified respectively in notes A7W35, ΔT=5; A7W45, ΔT=5; A7W55 ΔT=8; relative humidity 85%. The figures specified above refer to the following standards: EN14511; EN14825; EN50564; EN12102; (EU) Np. 811/2013; (EU) No. 813/2013; Journal of Laws 2014 / C 207/02: 2014.

The residual current circuit breaker used to protect the electrical circuit of the appliance shall be selected in view of the electrical regulations in force, assuming that the rated residual current is not greater than IΔn: 30mA

*The above values apply to supply cables with a maximum length of 20mb. If this value is exceeded, an electrical designer should be consulted.