

Windmi Monoblock heat pump

WIM100X1 [R14]

























Device features



Environmentally friendly refrigerant R32



Efficient heating



Energy efficiency class at 35°C



Energy efficiency class at 55°C



Maximum COP 4,45



Operating range down to -25°C



Supply water temperature of 62°C



Programmable Dry Contact



Twin rotary compressor



Integrated electric



Outdoor unit drip tray heater



Compressor



Easy installation



WiFi module in wired controller



Daily operation schedule



Configurable weekly schedules



Vacation mode



Integrated temperature sensor



Weather operating modes (climate curve)



Dedicated application



Disinfection



Maximum leaving water temperature of 62°C (in DHW mode)



Modbus Protocol



Specification outdoor unit

Mary 1980						
Marie	Model				WIM100X1 R14	
Monty Mon	EAN Code				5905567602290	
March Mar	Downer cupply			V H2 Ø		
Many Name Mary Name Age 2.53 Mary Name Color 1 mg Color	Power Supply					
Marie Ma	Heating	Capacity		kW	10,00	
Mary		Rated input		kW	2,25	
Mind Total Mind Total Tot	(COP			4,45	
Mind Total Mind Total Tot		Capacity		kW	10.00	
Month Mo	Heating					
Profession P	(A7/W45)			N.II		
변경 등						
Marie 100 1	11. 2	Capacity		kW	9,50	
Code		Rated input		kW	3,54	
	(8774133)				2,68	
				kw.	900	
Main Part Main Part Main Main Part	Cooling					
	(A35/W18)			kW		
		EER			4,00	
Main		Capacity		kW	8,00	
Section Sec		Rated input		kW	2,67	
Marie	(A35/W7)					
March No. March 1975 Ma						
## Property of the Company of the Company of the Company of Compa						
Minimary	Seasonal energy			kW	9,73	
Maria deep grantangency Maria deep deaningengrig efficiency (100 Per 1	efficiency	Seasonal energy efficiency ratio (ηS)		96	196	
Second signed transprose gentioning views in the size state. Second signed transprose gentioning views in the size state. Second size in the size state. Seco	LWT at 35°C			kWh	3980	
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Manual control of the found and and Wife Wife Manual control of the found and and and and and and and and and a						
## Section and the process of the control of the c						
Marie of the continue of th	Seasonal energy	Rated heat output		kW	9,09	
Manual or processor	efficiency	Seasonal energy efficiency ratio (ηS)		96	134	
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Main					A	
Marie						
Minimum rand current of the executor of the	SEER					
Type		LWT at 18°C			6,25	
Fig. 1	Minimum rated current of the overcurrent circuit breaker with breaker type			A	B40	
Fig. 1					Twin rotary inverter compressor DC	
Figural Paris						
Principle of the Pri	Fan					
Refigear GNP Fe 1.8 Minimal wine pcot or de* Ve 1.2 Today 3 × 10 Sound pressure lived from the foot or de* Very 10 mm 55 Sound pressure lived from the foot of the first state						
Refrigerant			Туре		R32	
Name with pot and dimension of codes* Today Tod	0.61		GWP		675	
Marial wire post or decide spacing TCO peq TCO pe	Refrigerant			kg	1,8	
Bracket spoon Single service Sing			Quantity		122	
Backet spacing (N1 × D) mm 659 × 320 × 459 Sound power level - dBAV 66 Not dimensions (N × D × H) mm 1335 × 499 × 816 Cost Sd mendators mm 1420 × 535 × 990 Not weight / Gross weight big 121,31739 Not weight / Gross weight °C 5-590 / 25-43 Operating outdow Operating nuture Cooling / Hearing °C 5-590 / 25-43 Operating nuture Entemperature Polity °C 5-25 Operating nuture Entemperature *C 5-25 Beach heating Space noting Space no	Minimal wire ner and dimension of another					
Sound pressure level dB(A) 55 Sound pressure level dB(A) 66 Sound power level dB(A) 66 Ket dimensions (NY O × H) mm 1335 × 49 × 816 Gross dimensions 1420 × 535 × 990 1420 × 535 × 990 Net weight / Gross veright lig 121,3 / 139 power supply f° 5-5-50 / 25-43 power supply f° 5-25 power supply f° 5-25 power supply f° 25-42 power supply f° 20-40-62 power supply f° 20-40-62 power supply f° 3 Maximum operating current ps f Maximum operating current A 13.6 Maximum operating current A 13.6 Maximum operating current MPa 0.6 Condensate drian mm 20 Maximum operating current MPa 0.6 Maximum operating current MPa 0.6						
Sound power level (M × D × H) mm 1355 × 459 × 816 Ores dimensions (M × D × H) mm 1420 × 535 × 900 Net weight / Gross weight /m 1213 / 139 Net weight / Gross weight /c 5-500 / 25-43 Operating outdown perpetutive DIW °C 25-43 Operation modes *c 25-43 Leaving water temperature 5pace coding °C 5-25 Beach return perature 5pace coding °C 25-42 Temperature Power supply °C 40-62 Temperature Power supply VHz, 0 202 × 20-20-50.1f Maximum poperating current A 13.6 Power supply AW 3 Power supply AW 13.6	Bracket spacing (W1 × D)		mm	659 × 320 × 459		
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Gross dimensions mm 1420 × 535 × 990 Net weight, Gross weight,	Sound power level		dB(A)	66		
Gross dimensions mm 1420 × 535 × 990 Net weight, Gross weight,			mm	1335 × 459 × 816		
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Water circuit Expansion tank I 5 Maximum pressure MPa 1 Initial pressure MPa 0.15 Heat exchanger Type PHE / plate heat exchanger Minimum flow Vmin 6 Water pump head m 9 Water pump type DC Total water volume I 1,08			Total volume			
Water circuit Expansion tank Maximum pressure MPa 1 Initial pressure MPa 0,15 Heat exchanger Type PHE / plate heat exchanger Minimum flow I/min 6 Water pump head m 9 Water pump type DC Total water volume I 1,08						
Water circuit Maximum pressure Initial pressure MPa 1 Heat exchanger Type PHE / plate heat exchanger Water pump head Image: Im						
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Heat exchanger			Initial pressure	MPa	0,15	
Heat exchanger			Туре		PHE / plate heat exchanger	
Water pump head m 9 Water pump type DC Total water volume I 1,08		Heat exchanger		l/min		
Water pump type DC Total water volume I 1,08						
Total water volume I 1,08				m		
					DC	
		Total water volume		1	1,08	

⁽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.