

Windmi Monoblock heat pump

WIM140X3 [R14]















Device features



Environmentally friendly refrigerant R32



Efficient heating



Energy efficiency class at 35°C



Energy efficiency class at 55°C A++



Maximum COP 4,65



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 crankcase heate



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

Memory 1995	•					
Marie	Model				WIM140X3 R14	
Marie	EAN Code				5905567602313	
Marie				V-Hz. Ø		
Maringang Mar	Tower supply	Capacity				
Marie Mar	Heating					
# March Mar	(A7/W35)			kW		
Markey Meregraph						
Management Ma				kW	14,00	
Codery		Rated input		kW	3,94	
Markey M	(1071113)	COP			3,55	
Markey M		Capacity		kW	12,00	
Continue	Heating					
## Control	(A7/W55)					
Marinary				I		
Martin	Cooling					
Colory	(A35/W18)			kW	3,46	
Marie Mari		EER			3,90	
Make		Capacity		kW	12,00	
		Rated input		kW	4,44	
	(A35/W7)				27	
March Mar						
## Section of the Control of the Co				1,000		
Maria design consignation Maria designation Maria d	Seasonal energy					
March Mar				_		
March Mar	LWT at 35°C			kWh	5789	
Ministry					A+++	
Ministry					3,42	
### Page 1	C			kW	11.99	
Maria						
Manual Parameter Manual Par						
### PACE				KVVII		
Maria						
Monitorial and current of the electric flower development conclusion beaker large levelopment of the electric flower development compression for Compression for Compression flower large levelopment of Compression flower large large levelopment of Compression flower large levelopment of Compression flower large levelopment of Compression flower large large large large levelopment of Compression flower large levelopment of Compression flower large	LWT at 7°C				5,05	
Type	LWT at 18°C			6,37		
Hear Hear Hear Hear Hear Hear Hear Hear	Minimum rated current of the overcurrent circuit breaker with breaker type			A	B25	
Hear Hear Hear Hear Hear Hear Hear Hear	Compressor				Twin rotary inverter compressor DC	
### Page 1						
Heingrand	Fan Quantity Type					
### Part						
Purpose						
Name Post and dimension of cords* Post xmm2 Post xmm2 Post xmm2 Post xmm3 P	Refrigerant		GWP		675	
Manife with pigs and derivated in the section of cords* Possible Possib	Reingerant		Outpotitus	kg	2,6	
Send persurie level			Quantity	TCO2eq	1,76	
Send persurie level	Minimal wire pcs and dimension of cords*		pcs × mm²	5×4		
Sound pressure level dB(N) 69 Sound persone level dB(N) 69 Ket dimersions Vet dimersions Vet Very Pri				636 × 320 × 456		
Sound power level (W × D × H) mm 1302 × 456 × 1425 Kind offices demensions						
Net dimensions (W × D × H) mm 1302 × 456 × 1425 Gross dimensions (W × D × H) mm 1302 × 456 × 1425 Kernestration (Since semination of the weight of Gross weight) The semination of the semination						
Gross dimensions Imm 1364 x 485 x 1600 Net weight / Gross weig						
Net weight / Gross-weight lig 172/192 Operating outdoor of perturn modes cc 5-507-25-43 DePMY °C 25-43 Operation modes Hearing and cooling Leaving water temperature Power cooling °C 5-25 DHW (anh) °C 25-62 DHW (anh) °C 40-62 Mumber of heating stages pcs 380-420-50.3f Number of heating stages pcs 3 Power Maximum operating current A 13.6 Condensate drain mm(nch) 931,75 (1,25) Pressure relief valve mm 20 Condensate drain for all value 1 5 Actual volume 1 5 Maximum pressure MPa 0.15 Heate exchanger Initial p			mm			
Operating outdook remperative Coling / Heating °C -5-50/-25-43 Department outcomes PW °C -25-43 Department outcomes Pace cooling °C 5-25 Leaving water Pemperature 5pace heating °C 25-62 DHV (rank) °C 40-62 Power suply VHt. Q 380-42-50,3f Muniper of heating stages pcs 3 Power flow of heating stages pcs 3 Power notections NW 9 Maximum operating current A 13.6 Vater connections Pressure relief valve MPa 0.6 Condensate drain mm 20 Pressure relief valve In Total volume I 5 Actual volume I 5 Actual volume I 5 Initial pressure MPa 1 Initial pressure MPa 0.15 Heat exchanger Minimum flow Mm PHE/ plate heat exchanger Vater pump type	Gross dimensions		mm	1364 × 485 × 1600		
Operating outdook remperative Coling / Heating °C -5-50/-25-43 Department outcomes PW °C -25-43 Department outcomes Pace cooling °C 5-25 Leaving water Pemperature 5pace heating °C 25-62 DHV (rank) °C 40-62 Power suply VHt. Q 380-42-50,3f Muniper of heating stages pcs 3 Power flow of heating stages pcs 3 Power notections NW 9 Maximum operating current A 13.6 Vater connections Pressure relief valve MPa 0.6 Condensate drain mm 20 Pressure relief valve In Total volume I 5 Actual volume I 5 Actual volume I 5 Initial pressure MPa 1 Initial pressure MPa 0.15 Heat exchanger Minimum flow Mm PHE/ plate heat exchanger Vater pump type	Net weight / Gross weight		kg	172 / 192		
Part				°C	-5-50/-25-43	
Operation modes Space cooling °C 5-25 Space habing °C 25-62 DHW (tank) °C 40-62 DHW (tank) °C 380-420-90,3f Bleat of heating stages Power V+tz Ø 380-420-90,3f Bleat of heating stages Power MW 9 Maximum operating current AV 13,6 Power of heating stages AV 9 Water connections MPa 13,6 Pressure relief valve MPa 0,6 Pressure relief valve MPa 0,6 Condensate drain MPa 0,6 Expansion tank Total volume 1 5 Actual volume 1 5 Maximum pressure MPa 1 1 Maximum pressure MPa 1 1 Maximum pressure MPa 1 1 Maximum pressure MPa 1 PHE / plate heat exchanger Heat exchanger Mrimum flow Vim	temperature					
Space cooling Space coolin						
Leaving vater temperature Space heating °C 25-62 DHV (rank) °C 40-62 V-Hz, Ø 380-420-50, 3f Number of heating stages pcs 3 Mer 9 9 Maximum operating current MPa 06 06 Pressure relief valve MPa 06 06 Actual volume I 5 0 Actual volume I 0 0.15 Actual volume I 0.15 0.15	,	Space cooling		00		
Specific Placing Specific P	Leaving water temperature					
DHV (tank)						
Number of heating stages				°C	40~62	
Power	Electric heater	Power supply		V-Hz, Ø	380-420~50, 3f	
Power		Number of heating stages		pcs	3	
Maximum operating current A 13,6 Water connections mm(inch) 031,75 (1,25) Pressure relief valve MPa 0,6 Condensate drain mm 20 Condensate drain 5 Actual volume I 5 Actual volume I 5 Actual volume I 5 Maximum pressure MPa 1 Initial pressure MPa D,15 Heat exchanger PHE / plate heat exchanger Water pump head I 12 Water pump type I/minimum flow						
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Water circuit Total volume I 5 Water circuit Actual volume I 5 Maximum pressure MPa 1 Initial pressure MPa 0.15 Heat exchanger Type PHE / plate heat exchanger Water pump head Vmin 12 Water pump type Water pump type DC						
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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 I/min 12 Water pump head m 9 Water pump type DC				mm	20	
Water circuit Expansion tank Maximum pressure MPa 1 Initial pressure MPa 0,15 Heat exchanger Type PHE / plate heat exchanger Minimum flow Vmin 12 Water pump head m 9 Water pump type DC			Total volume	I	5	
Water circuit Expansion tank Maximum pressure MPa 1 Initial pressure MPa 0,15 Heat exchanger Type PHE / plate heat exchanger Minimum flow Vmin 12 Water pump head m 9 Water pump type DC			Actual volume	I	5	
Initial pressure	Water circuit	Expansion tank				
Heat exchanger Type PHE / plate heat exchanger Minimum flow Vmin 12 Water pump head m 9 Water pump type DC	water circuit					
Heat exchanger Minimum flow I/min 12 Water pump head m 9 Water pump type DC				MPa		
Water pump head m 9 Water pump type DC		Heat exchanger				
Water pump type DC			Minimum flow	l/min	12	
Water pump type DC		Water pump head		m	9	
1943						
		Total water volume			1,743	

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

(T) Seasonal energy enlicative Custom Readured United average united Exhibitions.

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.