



CE conformity · Refrigerant gas · Super DC Inverter · Easy maintenance

Auto-swing function · LED Display · Low sound pressure level · Remote control

Super DC Inverter

Technology that reduces power consumption and takes better advantage of the air energy for both heating and cooling

Easy maintenance

The unit is designed to be easier for maintenance and component replacement.

Auto-swing function

The unit has an automatic deflector oscillation horizontally. In this way, it may vary automatically the air exit angle in every direction.

Low sound level and control system of improved refrigerant

Thanks to the use of the expansion valve (with 2,000 positioning stages), precise control of the refrigerant flow rate is ensured, which reduces the sound level.
The 3 fan speeds with double air deflector and the optimised fan design allow for a homogeneous and turbulence-free air distribution.

Easy installation

The outlet of the refrigeration pipe can be done right, left or behind.
The electronic expansion valve is located inside the equipment.
It incorporates a new template of fixation to the wall, that facilitates the installation.

LED display

Shows: Temperature, mode (cold/warm), function status (In: Turbo), cleaning reminder, filter change, etc.

Remote control

Controlled and programmed by remote control. The unit incorporated a remote control that allows to set all the parameters of the indoor units from any point near the unit.

MODELS			HTW-MI22 GDHN1M	HTW-MI28 GDHN1M	HTW-MI36 GDHN1M	HTW-MI45 GDHN1M	HTW-MI56 GDHN1M	HTW-MI71 GDHN1M	HTW-MI90 GDHN1M
Power supply		V,P,HZ	220-240V (1 Ph~50/60Hz)						
PERFORMANCE									
Cooling capacity	Capacity	kW	2,2	2,8	3,6	4,5	5,6	7,1	8
		Frig/h	1892	2408	3096	3870	4816	6106	6880
		Btu/h	7506	9553	12283	15354	19107	24226	27297
	Input	W	8	9	19	19	27	49	53
	Rated current	A	0,27	0,31	0,43	0,44	0,58	0,6	0,6
Heating capacity	Capacity	kW	2,4	3,2	4	5	6,3	8	9
		Kcal/h	2064	2752	3440	4300	5418	6880	7740
		Btu/h	8189	10918	13648	17060	21496	27297	30709
	Input	W	8	9	19	19	27	49	53
	Rated current	A	0,27	0,31	0,43	0,44	0,58	0,6	0,6
FEATURES									
Sound level (H/M/L)		dB(A)	31/30/29	31/30/29	33/32/30	35/33/31	38/36/34	44/39/36	44/39/36
Air flow (H/M/L)		m^3/h	422/393/356	417/370/316	656/573/488	594/507/424	747/648/547	1195/1005/809	1195/1005/809
Design pressure		Mpa	4,4/2,6	4,4/2,6	4,4/2,6	4,4/2,6	4,4/2,6	4,4/2,6	4,4/2,6
Operation temperature		ºC	17~32|10~28	17~32|10~28	17~32|10~28	17~32|10~28	17~32|10~28	17~32|10~28	17~32|10~28
Climatisable perimeter*		m^2	15	20	25	32	40	50	57
DIMENSIONS & WEIGHT									
Net dimensions (WxHxD)		mm	835x280x203			990x315x223		1194x343x262	
Gross dimensions (WxHxD)		mm	935x385x320			1085x420x335		1290x375x460	
Weight net/gross		Kg	8,4/12,1	9,5/13,1	11,4/15,5	12,8/16,9	12,8/16,9	17/22,4	17/22,4
CONNECTIONS									
Electrical connections	Power supply	mm^2	3 x 2,5	3 x 2,5	3 x 2,5	3 x 2,5	3 x 2,5	3 x 2,5	3 x 2,5
	Interconnection	mm^2	3 x 0,75	3 x 0,75	3 x 0,75	3 x 0,75	3 x 0,75	3 x 0,75	3 x 0,75
Refrigerant piping	Liquid - Gas	inch.	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
	Drainage	mm	Ø 16,5	Ø 16,5	Ø 16,5	Ø 16,5	Ø 16,5	Ø 16,5	Ø 16,5

NOTES:

1. Nominal cooling capacities are based on the following conditions: return air temperature 27°CDB/19°CWB, outdoor temperature 35°CDB, equivalence refrigerant piping: 8m (horizontal).
2. Nominal heating capacities are based on the following conditions: return air temperature 20°CDB, outdoor temperature 7°CDB/6°CWB, equivalence refrigerant piping: 8m (horizontal).
3. The available static pressure range is the appropriate pressure level at which the unit can operate optimally.

* Calculated for a maximum height of approximately 2.5 m.