Minichiller heat pump **Inverter**

BUILT-IN HYDRAULIC KIT



CE
CONFORMITY

R410A
REFRIGERANT GAS

SUPER INVERTER
DC INVERTER COMPRESSOR AND FAN

COMPACT DESIGN

WIRED CONTROLLER

High efficiency compressor DC Inverter

The DC inverter chiller integrates the latest technological innovations and ensures precise temperature regulation and highly efficient energy usage, making a significant contribution to the limiting the impact on the environment.

- DC Inverter compressor
- DC fan motor
- High performance heat exchanger

Emergency stop

An emergency stop button is fitted as standard. In addition, the manometer and display controller access incorporated in the front panel allow faster and easier maintenance.

Built-in hydraulic group

- High performance pump
- Glass of expansion
- Plate heat exchanger
- Differential pressure switch

Compact design

Thanks to their small dimensions the mini-chillers on-off can be installed in most cases thus guaranteeing great versatility in the installation.
It has a control panel that displays all the functions of the operating parameters of the unit so that facilitates its use. Also incorporates a pressure gauge of water.

Easy control

Remote ON/OFF and remote cool/heat functions.
Electronic controller is built.in in unit panel used to perform all related operations as the user interface as well as fast diagnosis of possible incidents and their history.

Built-in hydraulic kit

Incorporates the hydraulic kit inside, thus saving both space and installation costs.

Built-in serial Eliwell control

The Eliwell ST500 conroller allows you to configure the basic operating parameters

- Operating mode
- Operating temperature
- Defrost control
- Self-diagnosis of faults. etc.

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MODELS			HTW-MGCV7 WD2N1	HTW-MGCV10 WD2N1	HTW-MGCV12 WD2RN1	HTW-MGCV14 WD2RN1	HTW-MGCV16 WD2RN1
Power supply		V,P,HZ	220-240V (1 Ph~50Hz)		380-415V (3 Ph~50Hz)		
PERFORMANCE							
Cooling capacity[1]	Capacity	kW	7	10	11,2	12,5	14,5
	Input	W	2250	2950	3380	3900	4530
	EER	-	3,11	3,39	3,31	3,2	3,2
Heating capacity[2]	Capacity	kW	8	11	12,3	13,8	16
	Input	W	2500	3140	3720	4250	4850
	COP	-	3,2	3,5	3,31	3,25	3,3
FEATURES							
Air flow		m^3/h	5100	7000	7000	7000	7000
Sound pressure level[3]		dB(A)	58	59	59	60	60
Operating water temperature	Cooling	°C	4~20	4~20	4~20	4~20	4~20
	Heating	°C	30~55	30~55	30~55	30~55	30~55
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A
	Charge	Kg	2,5	2,8	2,8	2,9	3,2
DIMENSIONS & WEIGHT							
Net dimensions (WxHxD)		mm	990x966x354	950x1328x400	950x1328x400	950x1328x400	950x1328x400
Gross dimensions (WxHxD)		mm	1120x1100x435	1030x1456x435	1030x1456x435	1030x1456x435	1030x1456x435
Weight net/gross		Kg	81/91	110/121	110/121	111/122	111/122
CONNECTIONS							
Electrical wiring	Power supply	mm^2	3 x 2,5	3 x 4	5 x 4	5 x 4	5 x 4
	Interconnection	mm^2	3 x 1	3 x 1	3 x 1	3 x 1	3 x 1
Water inlet pipe		inch.	1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"

NOTES:

Due to continuous improvement, specifications are subject to change without notice.

1. Condenser air 35°C. Evaporator water inlet/outlet 12 / 7°C.
2. Evaporator air 7°C 85% de H.R. Water inlet / outlet condenser 40 / 45°C.
3. Check done 1m distance around the fan in open field (sound pressure).