



Air to Water Heat Pump

Pompe de caldura aer-apa MONOBLOC

- freon ecologic R32
- compresor BLDC Inverter sistem de inalta performanta
- functionare extrem de **silentioasa**
- **complet echipate** cu pompa de circulatie, vas expansiune, supapa siguranta
- functie **WIFI integrata** cu control la distanta (smartphone)
- **functionare pana la -25°C**
- temperatura **agent termic** pana la **65°C**
- functionare in **cascada** pana la **6 unitati**
- **functie preparare rapida ACM**
- **functie antilegionela** (desinfectie boiler)
- posibilitate de control a 2 zone de incalzire

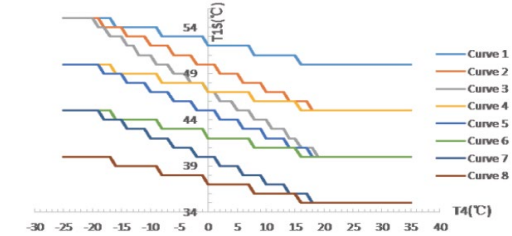
R32 environmental refrigerant



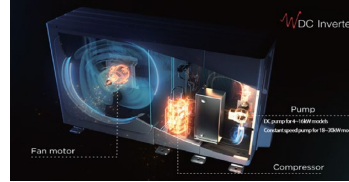
APP control



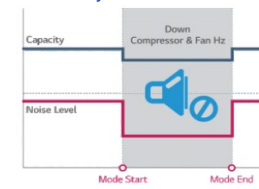
Climate curve function



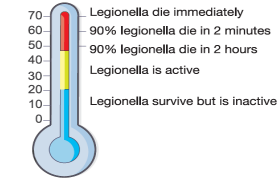
Inverter system design



Extremely silent



Disinfect function



- Echipare:**
- compresor BLDC Inverter **MITSUBISHI ELECTRIC**
 - motor ventilator **PANASONIC**
 - pompa de circulatie de tip inverter
 - schimbator de caldura **ALFA LAVAL**



Denumire			HYHC-V6W/D2N8-BE30	HYHC-V8W/D2N8-BE30	HYHC-V10W/D2N8-BE30	HYHC-V12W/D2N8-BE30	HYHC-V14W/D2N8-BE30	HYHC-V16W/D2N8-BE30	HYHC-V12W/D2R8-BE90	HYHC-V14W/D2R8-BE90	HYHC-V16W/D2R8-BE90
			monofazat	monofazat	monofazat	monofazat	monofazat	monofazat	trifazat	trifazat	trifazat
1.Incalzire (A7/W35)	Capacitate	kW	6.35	8.40	10.00	12.10	14.50	15.90	12.10	14.50	15.90
	P electrica absorbita	kW	1.28	1.63	2.02	2.44	3.15	3.53	2.44	3.15	3.25
	COP		4.95	5.15	4.95	4.95	4.95	4.50	4.95	4.95	4.50
2.Incalzire (A7/W45)	Capacitate	kW	6.30	8.10	10.00	12.30	12.30	16.00	12.30	12.30	16.00
	P electrica absorbita	kW	1.70	2.10	2.67	3.32	3.32	4.57	3.32	3.32	4.57
	COP		3.70	3.85	3.75	3.60	3.70	3.50	3.60	3.70	3.50
3.Incalzire (A7/W55)	Capacitate	kW	6.00	7.50	9.50	11.90	11.90	16.00	11.90	11.90	16.00
	P electrica absorbita	kW	2.03	2.36	3.06	3.90	3.90	5.61	3.90	3.90	5.61
	COP		2.95	3.18	3.10	3.05	3.05	2.85	3.05	3.05	2.85
4.Racire (A35/W18)	Capacitate	kW	6.50	8.30	9.90	12.00	13.50	14.90	12.00	13.50	14.90
	P electrica absorbita	kW	1.35	1.64	2.18	3.04	3.75	4.38	3.04	3.75	4.38
	EER		4.80	5.05	4.55	3.95	3.60	3.40	3.95	3.60	3.40
5.Racire (A35/W7)	Capacitate	kW	7.00	7.45	8.20	11.50	12.40	14.00	11.50	12.40	14.00
	P electrica absorbita	kW	2.33	2.22	2.52	4.18	4.96	5.60	4.18	4.96	5.60
	EER		3.00	3.35	3.25	2.75	2.50	2.50	2.75	2.50	2.50
Clasa eficienta sezoniera	LWT 35C										
	LWT 55C										
Compresor			BLDC Inverter - MITSUBISHI ELECTRIC								
Incarcare din fabrica	refrigerant R32	kg	1.40	1.40	1.40	1.75	1.75	1.75	1.75	1.75	1.75
Pompa circulatie			de tip inverter								
	Presiune maxima	mCA	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
Vas expansiune	volum	litri	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Racorduri hidraulice		inch	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Rezistenta electrica	back-up	kW	3.00	3.00	3.00	3.00	3.00	3.00	9.00	9.00	9.00
Plaja temperatura apa	Racire	°C	5~25	5~25	5~26	5~27	5~28	5~29	5~30	5~31	5~32
	Incalzire	°C	25~65	25~65	25~66	25~67	25~68	25~69	25~70	25~71	25~72
	Apa Calda Menajera	°C	30~60	30~60	30~61	30~62	30~63	30~64	30~65	30~66	30~67
Alimentare electrica		V, Hz	1 x 230V, 50Hz	1 x 230V, 50Hz	1 x 230V, 50Hz	1 x 230V, 50Hz	1 x 230V, 50Hz	1 x 230V, 50Hz	3 x 380V, 50Hz	3 x 380V, 50Hz	3 x 380V, 50Hz
Putere sonora	EN12102-1	dB(A)	58	59	60	65	65	68	65	65	68
Plaja temperatura exteriora	Racire	°C	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43
	Incalzire	°C	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35
	Apa Calda Menajera	°C	-24~43	-24~43	-24~43	-24~43	-24~43	-24~43	-24~43	-24~43	-24~43
Masa neta		kg	98	121	121	144	144	144	160	144	160
Dimensiuni	latime x Inaltime x Adancime	mm	792x1295x429	945x1385x525	945x1385x526	945x1385x527	945x1385x528	945x1385x529	945x1385x530	945x1385x531	945x1385x532

Nota:

1. Aer exterior 7°C , 85% R.H., Apa tur-retur 35/30°C
2. Aer exterior 7°C , 85% R.H., Apa tur-retur 45/40°C
3. Aer exterior 7°C , 85% R.H., Apa tur-retur 55/47°C
4. Aer exterior 35°C , Apa tur-retur 7/12°C
5. Aer exterior 35°C , Apa tur-retur 18/23°C



WiFi control

descarcati aplicatia "COMFORT HOME" din APP STORE sau GOOGLE PLAY sau scanati codul QR de pe cutia controllerului dupa care va inregistrati urmand pasii descriși in manual aplicatia functioneaza pe Android 7.0 si IOS7, sau versiuni mai noi aplicatia permite vizualizarea statusului pompei de caldura, modul de operare, setarile de temperatura precum si consumul de energie si sugestii pentru consum redus

SCHEMA DE PRINCIPIU pt montaj

