



" EXPERT HVAC "



# HYUNDAI

PRODUSE : AER CONDIȚIONAT | RĂCIRE | INCĂLZIRE | VENTILAȚIE | DESUFUMARE | ANTIINCENDIU  
 SERVICII : PROIECTARE | VÂNZARE | LIVRARE | INSTALARE | SERVICE | GARANȚIE | POSTGARANȚIE

## Air to Water Heat Pump



### Pompe de caldura aer-apa MONOBLOC

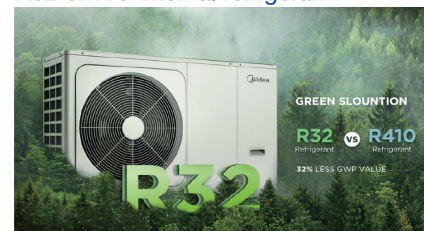
- freon ecologic R32
- compresor BLDC Inverter sistem de inalta performanta
- functionare extrem de **silentioasa**
- **complet echipate** cu pompa de circulatie, vas expansiune, supapa siguranta
- functie **WIFI integrata** cu control la distanta (smartphone)
- **functionare pana la -25°C**
- temperatura **agent termic** pana la **60°C**
- functionare in **cascada** **pana la 6 unitati**
- **functie preparare rapida ACM**
- **functie antilegionela** (desinfectie boiler)
- posibilitate de control a 2 zone de incalzire

### Echipe:

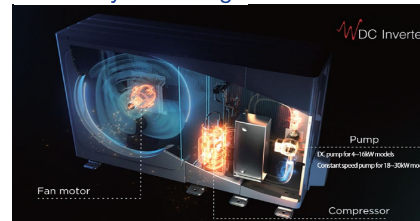
- compresor BLDC Inverter **MITSUBISHI ELECTRIC**
- motor ventilator **PANASONIC**
- pompa de circulatie de tip inverter
- schimbator de caldura **ALFA LAVAL**



### R32 environmental refrigerant



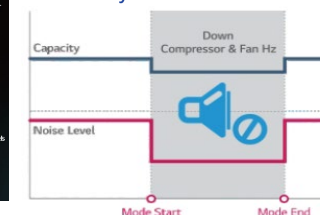
### Inverter system design



### APP control



### Extremely silent



Denumire			HYHC-V18W/D2RN8	HYHC-V22W/D2RN8	HYHC-V26W/D2RN8	HYHC-V30W/D2RN8
			<b>trifazat</b>			
1.Incalzire (A7/W35)	Capacitate	kW	18.00	22.00	26.00	30.10
	P electrica absorbita	kW	3.83	5.00	6.37	7.70
	COP		4.70	4.40	4.08	3.91
2.Incalzire (A7/W45)	Capacitate	kW	18.00	22.00	26.00	30.00
	P electrica absorbita	kW	5.14	6.47	8.39	10.35
	COP		3.50	3.40	3.10	2.90
3.Incalzire (A7/W55)	Capacitate	kW	18.00	22.00	26.00	30.00
	P electrica absorbita	kW	6.55	8.30	1.61	13.04
	COP		2.75	2.65	2.45	2.60
4.Racire (A35/W18)	Capacitate	kW	18.50	23.00	27.00	31.00
	P electrica absorbita	kW	3.90	5.00	6.28	7.75
	EER		4.75	4.60	4.30	4.00
5.Racire (A35/W7)	Capacitate	kW	17.00	21.00	26.00	29.50
	P electrica absorbita	kW	5.57	7.12	9.63	11.57
	EER		3.05	2.95	2.70	2.55
Clasa eficienta sezoniera	LWT 35C		<b>A+++</b>			
	LWT 55C		<b>A++</b>			
Compresor			<b>BLDC Inverter - MITSUBISHI ELECTRIC</b>			
Incarcare din fabrica	refrigerant R32	kg	5.00	5.00	5.00	5.00
Pompa circulatie			<b>inclusa de tip inverter</b>			
	Presiune maxima	mCA	9.00	9.00	9.00	9.00
Vas expansiune	volum	litri	8.00	8.00	8.00	8.00
Racorduri hidraulice		inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Rezistenta electrica	back-up	kW	-	-	-	-
Plaja temperatura apa	Racire	°C	5~25	5~25	5~26	5~27
	Incalzire	°C	25~65	25~65	25~66	25~67

	Apa Calda Menajera	°C	30~60	30~60	30~61	30~62
Alimentare electrica		V, Hz	<b>3 x 380V, 50Hz</b>	<b>3 x 380V, 50Hz</b>	<b>3 x 380V, 50Hz</b>	<b>3 x 380V, 50Hz</b>
Putere sonora	EN12102-1	dB(A)	71	73	75	77
Plaja temperatura exteriora	Racire	°C	-5~43	-5~43	-5~43	-5~43
	Incalzire	°C	-25~35	-25~35	-25~35	-25~35
	Apa Calda Menajera	°C	-24~43	-24~43	-24~43	-24~43
Masa neta		kg	177	177	177	177
Dimensiuni	latime x Inaltime x Adancime	mm	1129x1558x528	1129x1558x529	1129x1558x530	1129x1558x531

**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 descrisi 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**

