

DALRADA HOME



One-Stop Solution To Meet Various Residential Needs

As a green heating solution for the future, Dalrada Home heat pumps can provide comfortable heating in winter, cooling in summer, gentle airflow, and a more comfortable overall sensation, while also supporting a 24-hour hot water supply.



Whole House Heating



Central Hot Water



Central Cooling



Hot Water + House Heating



Hot Water + House Cooling

Neighbor-Friendly, Super Quiet Heat Pumps



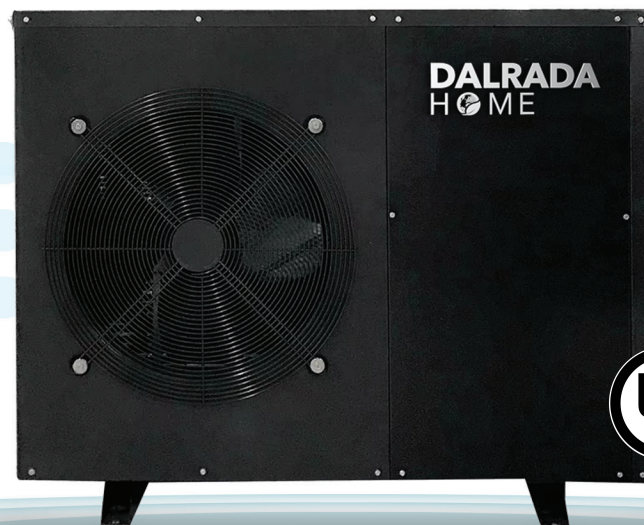
20dB-Rustle of Leaves



30dB-Whisper



70dB-Car



43~51dB(A)

Sound pressure level(1m)

DALRADA
HOME



R32 Pro Series Specifications

Model	Units	DH32-2F	DH32-4F	DH32-5.5F
Effective Square Footage Area	FT²	1000-1500 FT²	1500-2500 FT²	2500-3500 FT²
Power input		220V1PH/60hz		
Heating condition: air DB 20°C (68°F)/WB 15°C (59°F) water from 15°C (59°F) to 55°C (131°F)				
Heating capacity	W	12.3	24.6	32.8
Input power (Heating)	W	2.67	5.37	7.16
Input current (Heating)	A	12.2	24.4	32.6
COP	W/W	4.6	4.6	4.6
Heating condition: air DB 7°C (44.6°F)/WB 6°C (42.8°F) water inlet:30°C (86°F) water outlet: 35°C (95°F)				
Heating capacity	W	10.9	19.5	28.1
Input power (Heating)	W	2.88	4.75	6.83
Input current (Heating)	A	13.1	21.6	31.0
COP	W/W	4.12	4.10	4.12
Heating condition: air DB 7°C (44.6°F)/WB 6°C (42.8°F) water inlet:40°C (104°F) water outlet: 45°C (113°F)				
Heating capacity	W	10.5	17.0	24.0
Input power (Heating)	W	3.25	5.00	7.27
Input current (Heating)	A	14.8	22.7	33.0
COP	W/W	3.23	3.40	3.30
Heating condition: air DB -12°C (10.4°F)/WB -14°C (6.8°F) Water inlet :36°C (96.8°F) water outlet: 41°C (105.8°F)				
Heating capacity	W	6.5	11.5	18.0
Input power (Heating)	W	3.08	5.45	8.40
Input current (Heating)	A	14.0	24.8	38.2
COP	W/W	2.11	2.11	2.14
Cooling condition: air DB 35°C 95°F)/-°C (68°F) water inlet:12 °C (53.6°F) ,water outlet:7°C (44.6°F)				
Cooling capacity	W	8.0	15.0	20.0
Input power	W	3.00	5.98	7.90
Input current	A	13.6	27.2	35.9
Max running current	A	20.5	40.7	53.9
Controller		Inverter Control		
Compressor		DC inverter compressor		
Fan motor		DC fan motor		
Refrigerant flow control		Electric Expansion Vavle		
Heat exchanger		High efficient tube in shell heat exchanger		
Refrigerant		R32		
Sound pressure level	(1m)	dB(A)	43	4L
Water inlet/outlet	inch	1"	1-1/2"	1-1/2"
Water flow volume	gal/h	364.6	681.6	908.8
Net Dimension(L*D*H)	inch	41.3"/16.5"/33.5"	45.3"/18.5"/49.2"	54.3"/20.3"/62.4"
Packing Dimension(L*D*H)	inch	41.3"/17.7"/39.4"	49.2"/20.5"/56.7"	57.1"/21.7"/66.9"

*The data contained in this informational brochure may be subject to updates or modifications based upon any product improvements or revisions.

