R32 Pool Series Specifications

Model	Units	DH32-7FP	DH32-11FP	DH32-18FP	DH32-27FP
Pool Volume Capacity	GAL	7500	11500	19800	31500
Power Supply	V/PH/PZ	230/1/60			
Operating Air Temperature	°C (°F)	-15°~43° (5°-109°)			
Heating Performance Condition: Air 26°C (80°F), Water 26°C (80°F), Humidity 80%					
Heating capacity in Booster mode	BTU	30708	44356	71652	110890
	kW	9	13	21	32.5
Heating capacity		7.5	11	18	27.5
COP in Booster mode		6	6.4	6.1	6.4
COP		14.8~6.6	14.9~7.0	15.9~6.7	15.5~7.2
COP at 50% capacity		10.6	10.5	11.2	11.5
Heating Performance Condition: Air 15°C (59°F), Water 26°C (80°F), Humidity 70%					
Heating capacity in Booster mode	BTU	23201.6	31731.6	49474	73358
	kW	6.8	9.3	14.5	21.5
Heating capacity		5.7	7.8	12.5	18.5
COP in Booster mode		4.2	4.3	4.2	4.6
COP		7.4~4.6	7.5~4.8	7.8~4.5	7.8~5.2
COP at 50% capacity		6.4	6.8	6.6	7
Cooling Performance Condition: Air 26°C (80°F), Water 26°C (80°F), Humidity 80%					
Cooling capacity	BTU	11942	17401.2	26613.6	43332.4
	kW	3.5	5.1	7.8	12.7
Sound pressure at 1m dB(A)		37.8~44.2	38.6~46.9	42.9~50.8	43.3~53.9
Sound pressure of 50% capcaity at 1m dB(A)		21.5	41.3	44.5	46.4
Sound pressure at 10m dB(A)		17.7~24.2	18.6~26.9	22.9~30.8	23.3~31.9
Heat Exchanger		Spiral Titanium Tube in PVC			
Casing		Plastic Casing			Galvanized Metal Casing
Rated Power Input at air 15°C (°59F) (kW)		0.18~1.13	0.26~1.52	0.43~2.61	0.64~5.12
Rated Power Input at air 15°C (°59F) (A)		0.78~4.91	1.13~6.61	1.87~11.35	2.78~23.2
Advised water flux (m^3/h)		2~4	3~4	6.5~8.5	10~12
Water pipe in-out size (mm)		50			
Refrigerant		R32			
Unit Net Dimensions (L/M/H) (in)		36.6”/14.2”/21.7”	39.8”/14.6”/24.4”	43.9”/18.5”/37.5”	43.9”/18.5”/49.2”
Unit Shipping Dimensions (L/M/H) (in)		40.7”/15.6”/23.1”	43.1”/15.9”/25.6”	47.4”/20.7”/38.4”	47.4”/20.7”/50.3”
Net Weight (lbs)		117	139	238	276
Shipping Weight (lbs)		128	148	256	298

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

Dalrada DH32-7FP

R32 Refrigerant / Lower Noise / ErP A+++

Power Supply	v/Hz/Ph	230V/1PH/60Hz
Sound Pressure (1m)	dB(A)	37.8~44.2
Max Heating Capacity	kW	9
Pool Volume	Gal	7500
Cabinet Type	/	Plastic Casing
Net Weight	lbs	117
Net Dimension (L*D*H*)	inch	36.6”/14.2”/21.7”

Dalrada DH32-11FP

R32 Refrigerant / Lower Noise / ErP A+++

Power Supply	v/Hz/Ph	230V/1PH/60Hz
Sound Pressure (1m)	dB(A)	38.6~46.9
Max Heating Capacity	kW	13
Pool Volume	Gal	11500
Cabinet Type	/	Plastic Casing
Net Weight	lbs	139
Net Dimension (L*D*H*)	inch	39.8”/14.6”/24.4”

Dalrada DH32-18FP

R32 Refrigerant / Lower Noise / ErP A+++

Power Supply	v/Hz/Ph	230V/1PH/60Hz
Sound Pressure (1m)	dB(A)	42.9~50.8
Max Heating Capacity	kW	21
Pool Volume	Gal	19800
Cabinet Type	/	Plastic Casing
Net Weight	lbs	238
Net Dimension (L*D*H*)	inch	43.9”/18.5”/37.5”

Dalrada DH32-27FP

R32 Refrigerant / Lower Noise / ErP A+++

Power Supply	v/Hz/Ph	230V/1PH/60Hz
Sound Pressure (1m)	dB(A)	43.3~53.9
Max Heating Capacity	kW	32.5
Pool Volume	Gal	31500
Cabinet Type	/	Galvanized Metal Casing
Net Weight	lbs	276
Net Dimension (L*D*H*)	inch	43.9”/18.5”/49.2”

THE ABOVE MODELS HAVE BEEN SELECTED FOR THE UNITED STATES MARKET

* The information in this document is just for reference. Since the continuous improvement and control in the production process, the information contained in this document may be subject to change. Please refer to the nameplate on the machine for model specifications.