

Inverter-Plus DEHUMIDIFIER

Model	IDHR35	IDHR45	IDHR60	IDHR96	IDHR120
Model (with electrical heating)	/	/	IDHE60	IDHE96	IDHE120
Advised pool surface (m²) *	≤10	≤15	≤25	≤40	≤50
Advised room size (m³) *	40~80	50~100	60~120	90~180	120~240
Operating air temperature (°C)	10~38				
Capacity (L/h) (Air 30°C, RH 80%) *	1.5	2.0	2.5	4.0	5.0
DER (L/kW·h) (Air 30°C, RH 80%) *	<u>4.00~3.50</u>	<u>3.7~3.30</u>	4.00~3.40	4.53~4.05	4.50~3.68
Capacity (L/h) (Air 30°C, RH 70%) *	1.25	1.7	2.1	3.3	4.2
DER (L/kW·h) (Air 30°C, RH 70%) *	3.34~3.10	<u>3.34~3.00</u>	3.34~3.00	4.00~3.50	3.86~3.25
Capacity (L/h) (Air 30°C, RH 60%) *	1	1.36	<u>1.7</u>	<u>2.6</u>	<u>3.4</u>
DER (L/kW·h) (Air 30°C, RH 60%) *	<u>2.8~2.4</u>	<u>2.8~2.5</u>	<u>2.65~2.45</u>	<u>3.2~2.9</u>	<u>3.1~2.7</u>
Electric heating optional (kW)	/	/	1.3	2.1	2.1
Rated power (kW) (Air 30°C, RH 80%) *	0.10~0.43	0.11~0.60	<u>0.13~0.73</u>	0.17~0.99	0.22~1.36
Rated current (A) (Air 30°C, RH 80%) *	<u>0.43~1.87</u>	<u>0.48~2.61</u>	<u>0.57~3.17</u>	0.74~4.30	0.96~5.91
Power supply	230V~/1Ph/50Hz				
Sound pressure at 1m dB(A)	34.9~41.4	35.5~43.8	38.3~45.6	40.3~45.8	39.9~46.4
Air flow (m³/h)	600	600	600	1000	1200
Net dimension L × W × H (mm)	1010×236×713	1040×236×713	850×291×770	1120×291×770	1220×291×770
Net weight (Kg)	52	62	53	68	72
Qty per 20'FT / 40'HQ (sets)	80/252	68/222	84/258	60/195	58/189
Gas (g)	300	350	500	750	800
GWP	675				
CO2 equivalent (tonnes)	0.203	0.236	0.338	0.506	0.540
Without Electrical Heating					
Max input current (A)	2.5	4.6	6.50	8.0	9.5
Circuit breaker (A)	4.0	6.0	<u>8</u>	<u>10</u>	<u>12</u>
Power cord (mm²)	3×1.5	3×1.5	<u>3×1.5</u>	<u>3×2.5</u>	<u>3×2.5</u>
With Electrical Heating					
Max input current (A)	/	/	13.00	18.5	20.0
Circuit breaker (A)	/	/	16.0	22.5	24.0
Power cord (mm²)	/	/	3×4	3×4	3×4