



A dehumidifier sizing study, drawn up based on a detailed diagram of the pool and the room to be dehumidified, must be carried out by the Design Office before ordering a console dehumidifier.

## FAIRLAND CONSOLES

Family 5 220

Fairland dehumidifiers are designed to treat, and contribute to the heating of, the air above indoor pools.

Fairland dehumidifiers can also be used to treat the air in rooms prone to dampness (cellars, bathrooms, kitchens, etc.), gym halls and museums.

All the data listed below was certified by the TÜV, in accordance with the test protocol EN 810 :1997 that stipulates an air temperature of 30°C and a relative humidity of 70%.

Test reports for Fairland dehumidifiers issued by the TÜV Rheinland are available for download from our internet site.



### Technical data:

- HP Booster technology, similar to Pioneer heat pumps,
- Refrigerant : R 410/A, which is superior to R 407/C with better performance data,
- Free-standing or wall mounted console,
- Hygro-thermostat enclosed, for self assembly,
- ABS casing, thermoformed,
- Pleasing design,
- Optional heater battery available, for assembly by the client,
- Runs silently.

Technical data			
Modèle	DH-60	DH-90**	DH-120**
Dehumidification capacity (litres/ 24 hours*)	60	93	120
Dehumidification capacity (litres/ hour*)	2.50	3.90	5.00
Dehumidification Efficiency Ratio (DER)	2.40	2.31	2.49
Heat generated (kW)	2.80	4.20	5.50
Air flow rate (m <sup>3</sup> /H)	800	1 000	1 200
Electrical heating battery (option) (kW)	2	3	3
Electrical power consumed (kW)	1	1.7	2
Nominal current absorbed (A)	4.58	7.83	9.15
Power supply (Volts/ Frequency)	230 V. / 50 Hz		
Operating temperature range (°C)	10 to 38		
Acoustic power (dB(A))	61.50	62.80	62.80
Acoustic pressure at 5 meters (dB(A))	39.50	40.80	40.80
Dimensions (L x W x H) (mm)	855×242x 848	1155×280×848	1155×280×848
Net weight/ gross weight (Kg)	53/68	70/86	75/91

(\*): According to the test protocol EN 810 :1997, that is Air temperature of 30°C and HR of 70%.

(\*\*): Fairland DH-90 and DH-120 dehumidifiers have the same type of casing.

Code	Description	Price
9494000	Fairland DH-60 dehumidifier, 60 litres/24 hours	<b>2,032.00</b>
9495000	Fairland DH-90 dehumidifier, 93 litres/24 hours	<b>2,397.00</b>
9497000	Fairland DH-120 dehumidifier, 120 litres/24 hours	<b>2,797.00</b>
Options		
9494050	2kW heating element, for Fairland DH-60 dehumidifier*	<b>273.00</b>
9495050	3kW heating element, for Fairland DH-90 and DH-120 dehumidifier*	<b>327.00</b>

\* To be mounted by the installer