

FLOOR-STANDING SWIMMING POOL DEHUMIDIFIERS

DH 75-110AX

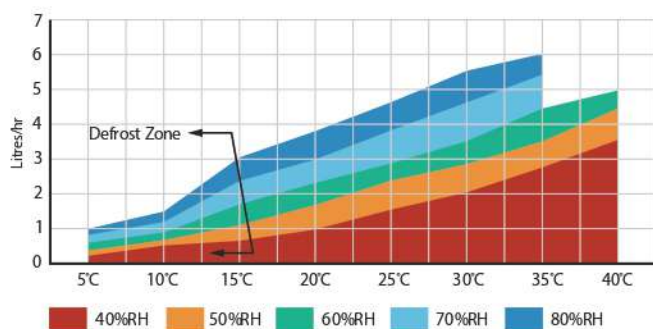


DH 110

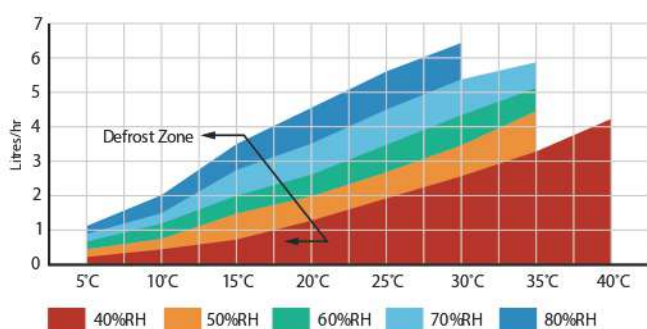
DH 75-110AX are floor-standing high performance and high capacity dehumidifiers. With high moisture extraction for low energy use, as well as being corrosion free and easy to clean, they are ideal for keeping your swimming pool environment healthy the humidity under control. Options are also available for additional air heating, and through-the-wall installation that can be situated adjacent to the pool hall.

Performance data

DH 75



DH 110



- High moisture extraction for low power consumption
- Corrosion free, easy to clean aluminium air grille with easy clean air filter
- Zero ozone depleting refrigerant
- Low internal operating pressures = long useful life
- Adjustable air outlet
- Quiet centrifugal fans, two speeds
- Hot gas defrost (allows operation to 5°C air temperature)
- Remote humidistat and on/off function

Options

- Through-the-wall version
- LPHW air heater complete with 3 way valve and 12V thermostat interlock
- 400V-3ph option for DH 110



Each Calorex unit includes an adjustable humidistat controlling relative humidity (RH) in the ideal range of 55% – 65%. With RH under control, condensation can be minimised by selecting the most appropriate installation from the schematics shown on the next page. Note: vulnerable areas such as windows, roof lights or other cold bridges may form condensation at low external air temperatures unless dry air is blown directly onto them.

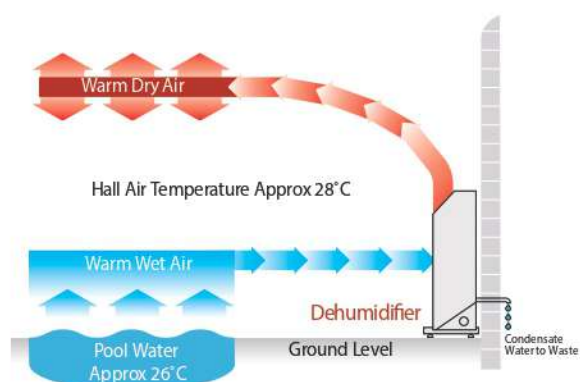
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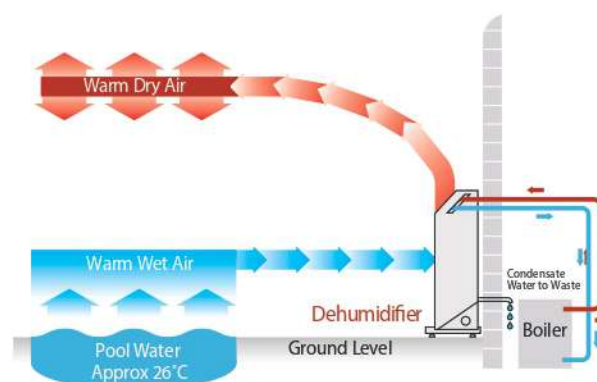


INSTALLATION OPTIONS

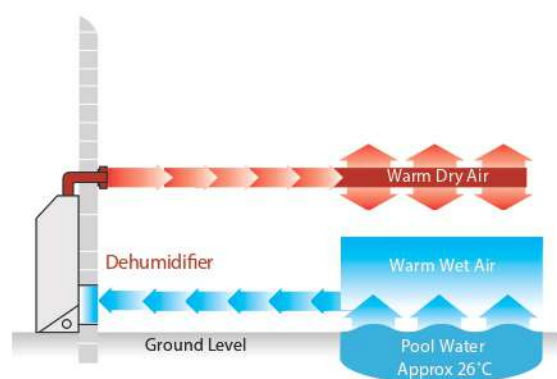
Floor-standing air flow



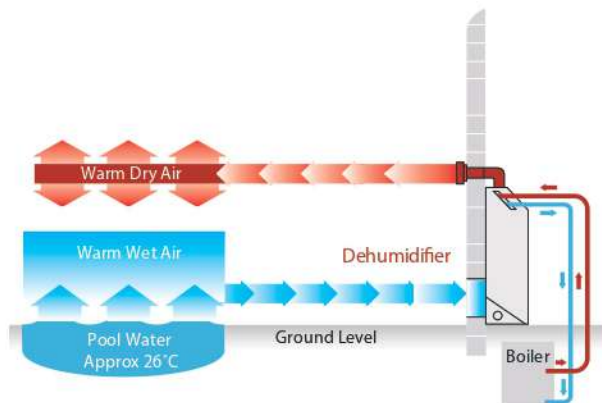
Floor-standing with air heating



Through-the-wall



Through-the-wall with air heating



Specifications	Units	DH 75AX	DH 110AX
Operating temperature range	°C	5-35	5-35
Dehumidification @ 30°C/60% RH	l/h	3.6	4.5
Heat recovered to air @ 30°C/60% RH	kW	4.0	5.2
Air flow	m³/h	1,180	1,180
External static pressure	Pa	0	0
Sound pressure level @ 3m	dB(A)	53	53
Refrigerant		R407c	R407c
Power supply	V/Hz	230/1ph/50	230/1ph/50
Nominal power consumption	kW	1.5	2.1
FLA	A	9.5	12
Maximum supply fuse	A	13	20
LRA (compressor start)	A	55	66
Heater type		Optional LPHW	Optional LPHW
Heat output @ 80°C flow	kW	8.9	8.9
Flow rate	l/min	9.6	9.6
Product size (w x d x h)	mm	1520 x 385 x 796	1520 x 385 x 796
Weight	kg	143	144
Condensate drain size (brass compression)	mm	15	15