

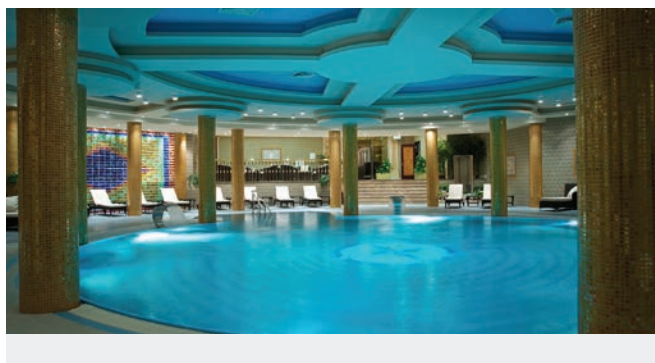


# HIGH CAPACITY POOL DEHUMIDIFIERS

## FLOOR STANDING



**DH 110**



### Features

- 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

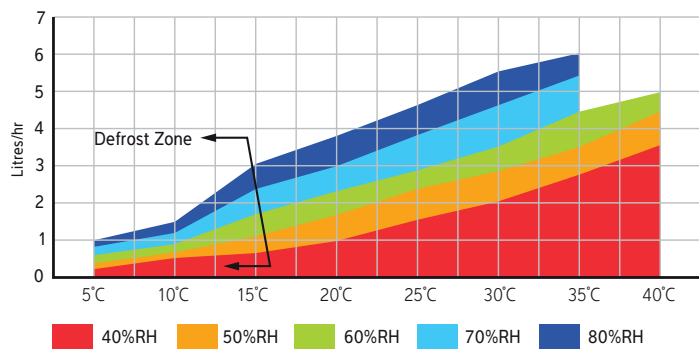
### Applications



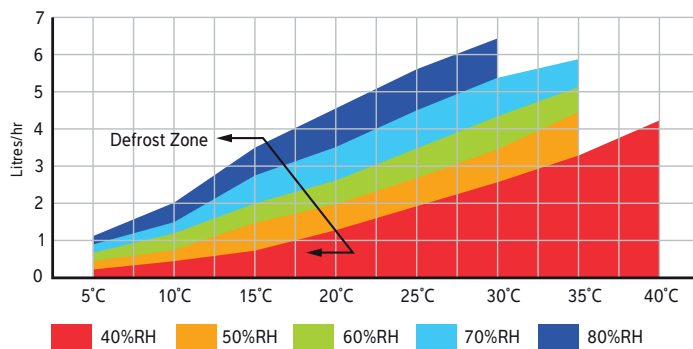
- Indoor pools
- Therapy pools
- Health clubs and wellness centres
- Hotels and spa pools
- Holiday parks and campsites

### Performance data

**DH 75**



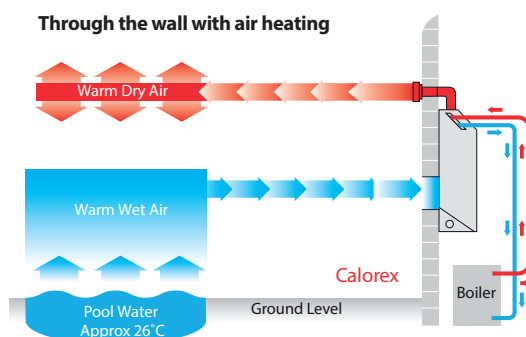
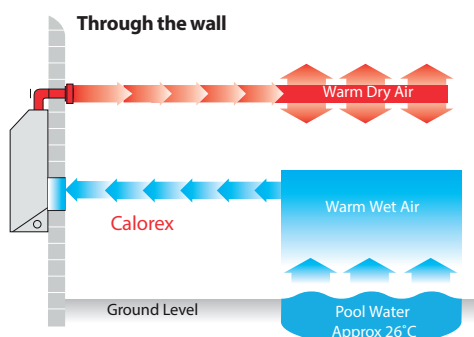
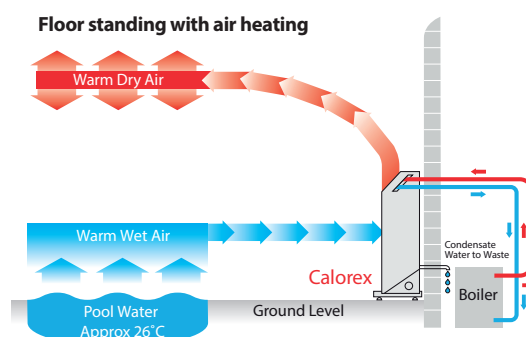
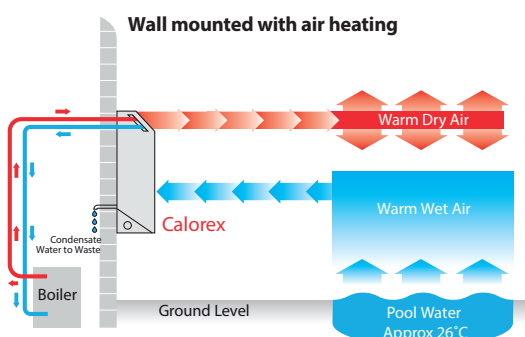
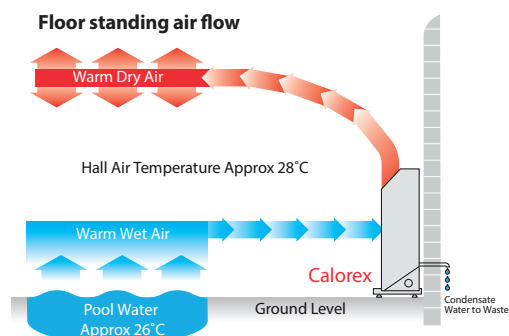
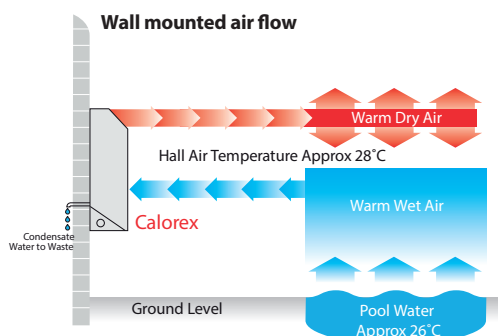
**DH 110**



# POOL DEHUMIDIFIERS

## AIR FLOW – HOW IT WORKS

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 below. 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.



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	1180	1180
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