



Certikin
international ltd

monitair

SWIMMING POOL DEHUMIDIFIER

FEATURES

- Defrost - standard on all versions
- Air heating option available
- Optional through-the-wall model
- Variable humidistat
- Simple floor standing installation
- Zero ozone depletion refrigerants
- British built for an engineered quality product
- Economical
- 2 year warranty as standard



A robust, free-standing unit developed primarily for the swimming pool environment. Available in two models, both the Monitair 75 & 110 have been designed to extract high levels of moisture with low energy consumption. These floor mounted units have been engineered for efficiency and flexibility.

Install the Monitair and simply reduce the cost of reducing the moisture.

calorex

Why Dehumidify?

The internal pool hall environment needs controlling properly. Humid pool hall air contains a considerable quantity of moisture. If rapid deterioration of the building fabric and structure is to be avoided, it is crucial that this moisture is extracted correctly.

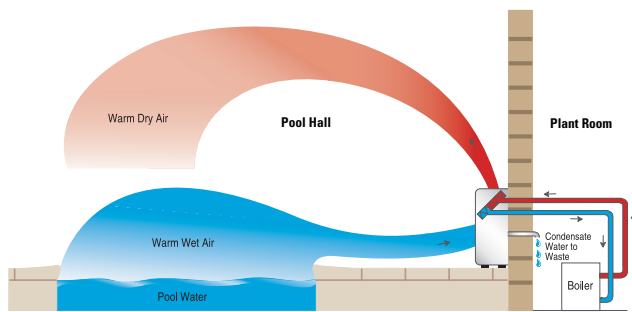
How?

Simple, install the Calorex Monitair - a high capacity floor standing dehumidifier. These highly efficient units utilise

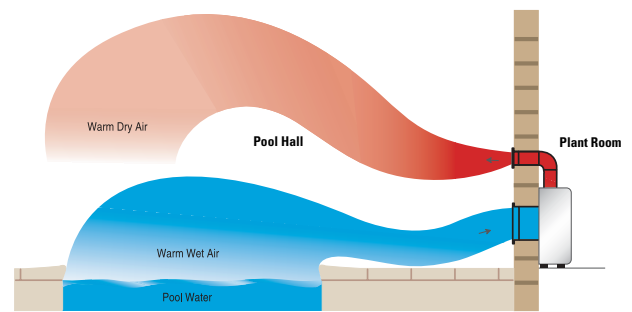
reliable heat pump technology for recovering heat and saving energy. In simple terms, ozone friendly Monitairs reduce the cost of reducing the moisture!

Which Type?

The Monitair is available in two dehumidification capacities, the Monitair 75 and Monitair 110. Offering a range of standard or through-the-wall models and optional air heater batteries, twelve types of Monitair offer complete flexibility. Below are specific details of the whole range

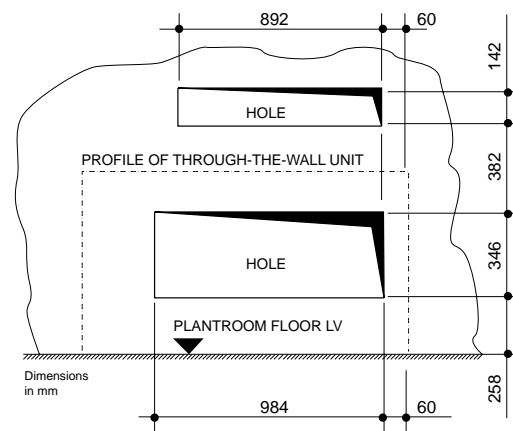


Standard Model (with optional air heating battery)



Through-the-wall model

Monitair Specifications		
Description	DH75	DH110
Dehumidification capacity (L/hr)	3.60	4.50
Heat to air (with LPHW) (kW)	8.90	8.90
Air flow rate (m ³ /hr)	1180	1180
Power consumption (kW)	1.46	2.12
Running current 1 ^{ph} (Amp)	6.40	9.30
Fuse capacity 1 ^{ph} (Amp)	13	20
Running current 3 ^{ph} (Amp)	-	4.20
Fuse capacity 3 ^{ph} (Amp)	-	10
Sound level @ 3m (dbA)	53	53
Performance figures based upon Pool Hall Air at 30°C, RH at 60%, Pool Water at 28°C. Low pressure boiler water supplied at 80°C (at 9.6 Ltr/min). DH75 and DH110 can be supplied with or without LPHW Heater Battery option. All are available as Through-the-wall models.		
Physical Properties	Standard model model	Through-the-wall model
Dimensions (mm)	1437W x 325D x 792H	1399W x 300D x 780H (1168 High ^o /all)
Max weight (kg)	153kg	154kg



Through-the-wall hole positions (viewed from within the plant room)

Note:

1. Through-the-wall models include duct and grille kit
2. Standard models are finished in smooth white coated alloy
3. LPHW heater battery connections are 22mm copper stubbs (all models)
4. When installing models with air heater battery option, a separate thermostat will be required. Terminals are built-in
5. A motorised 3 way valve is built-in to units fitted with air heater batteries

