

# calorex

# DH60 Dehumidifier

Wall mounted compact Dehumidifier with optional air heating  
(Plastisol coated Galvanised Steel Cabinet)



C-tick  
Approved



Z 1422

Made in England

• Ideal for dehumidification in:

- Clothes drying rooms
- Warehousing and storage
- Electrical sub-stations
- Sports clubs and changing rooms
- Libraries
- Food Process & Storage  
ie sweets, pharmaceutical, grain & seeds, specialised timbers, paper, ceramic storage

- Plastisol coated galvanised steel cabinet

- Hot gas defrost for low temperature operation (X models)

- Quiet centrifugal fans

- Self contained with fully automatic operation

- Integral humidistat

- Polyester coated evaporator and condenser

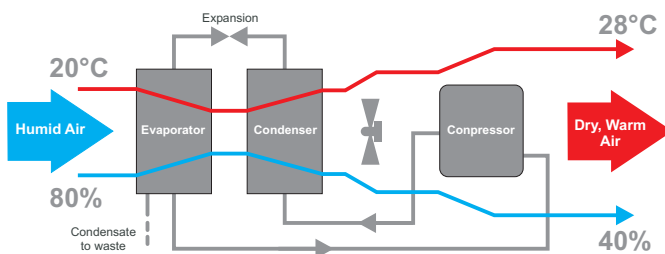
- Optional...

- LPHW Heater available on DH60A & DH60AX
- Remote Humidistat
- Polyester Cabinets available on DH60AP & DH60AXP

- Conform with...

- BS EN 60335.1 : 2002 & 60335.2.40 : 2003
- BS EN ISO 12100.1 : 2003 & 12100.2 : 2003
- BS EN ISO 13857 : 2008
- BS EN ISO 13850 : 2006
- BS EN 55011 : 1998
- BS EN 61000.3.2 : 2001 & 61000.3.11 : 2001
- BS EN 61000.4.2 : 1995, 4.3 : 2002, 4.4 : 2004, 4.5 : 2002, 4.6 : 2007 & 4.11 : 2004

### How a Calorex Dehumidifier Works



### Principles of operation – air to air dehumidifier

The process of dehumidification involves moisture-laden air being drawn into a dehumidifier where the air passes across a refrigerated coil. The air is rapidly cooled below its dew point, water vapour condenses & is drained to waste. Latent heat energy is captured & recycled as useful heat. The cooled air is then passed across the condenser where it is reheated and returned to the served area at the required lower relative humidity.

Sole NZ agents --

**AVON** ELECTRIC Ltd (est 1939)

P.O. Box 19748, 25 Taurus Place, Christchurch, New Zealand

Email : info@avonelectric.co.nz Ph : 0800-379-247 Fx : (03) 381-5596 Web : www.avonelectric.co.nz

Copyright 2009

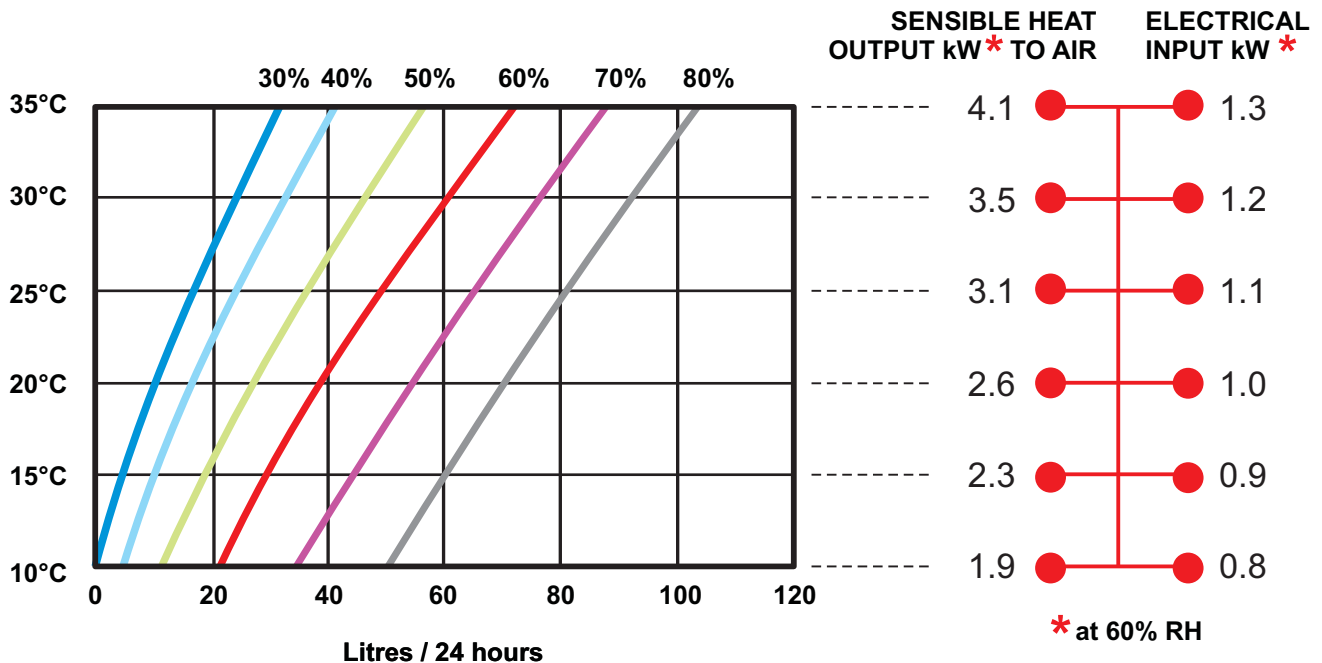
# Calorex DH60 Dehumidifier Data Sheet

## Specification:

	units	DH60A	DH60AX	DH60AP	DH60AXP	DH60ARH
<b>Technical data</b>						
Operating temperature range	°C	15 - 35	0 - 35	15 - 32	0 - 35	15 - 35
Dehumidification (30°C / 60%)	L/hr	2.5	2.5	2.5	2.5	2.5
	L/24hrs	60.0	60.0	60.0	60.0	60.0
Airflow	m³/h	1280	1280	1280	1280	1280
Sound pressure level @ 3m	DB(A)	54	54	54	54	54
Refrigerant		R407C	R407C	R407C	R407C	R407C
<b>Electrical data</b>						
Supply		230V 1ph 50Hz	230V 1ph 50Hz	230V 1ph 50Hz	230V 1ph 50Hz	230V 1ph 50Hz
Recommended Fuse Rating	Amps	13	13	32	32	13
Full Load amps	Amps	7.5	7.5	24.2	24.2	7.5
Compressor L.R.A.	Amps	30.0	30.0	30.0	30.0	30.0
<b>Heater data</b>						
Type		Optional LPHW	Optional LPHW	Electric	Electric	Reclaim
Heat output	kW	5.0 #	5.0 #	4.0	4.0	----
Water Flow Rate	L/min	5.0	5.0	----	----	14
Pressure Drop	M hd	----	----	----	----	1.5
<b>Dimensions</b>						
Width	mm	1247	1247	1247	1247	1247
Depth	mm	256	256	256	256	256
Height	mm	648	648	648	648	648
Weight (Unpacked)	kg	60	60	60	60	65
Weight (Packed)	kg	75	75	75	75	80

# Capacity is based on 80°C Hot water supply

## Performance Data:



Sole NZ agents --

**AVON** ELECTRIC Ltd (est 1939)

Copyright 2009

P.O. Box 19748, 25 Taurus Place, Christchurch, New Zealand

Email : info@avonelectric.co.nz Ph : 0800-379-247 Fx : (03) 381-5596 Web : www.avonelectric.co.nz