

calorex

DH30 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

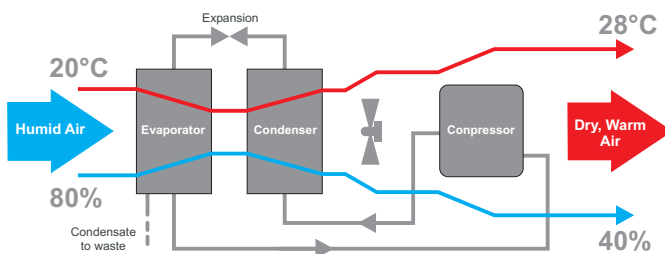
• Optional...

- LPHW Heater available on DH30A & DH30AX
- Remote Humidistat
- Polyester Cabinets available on DH30AP & DH30XP

• 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

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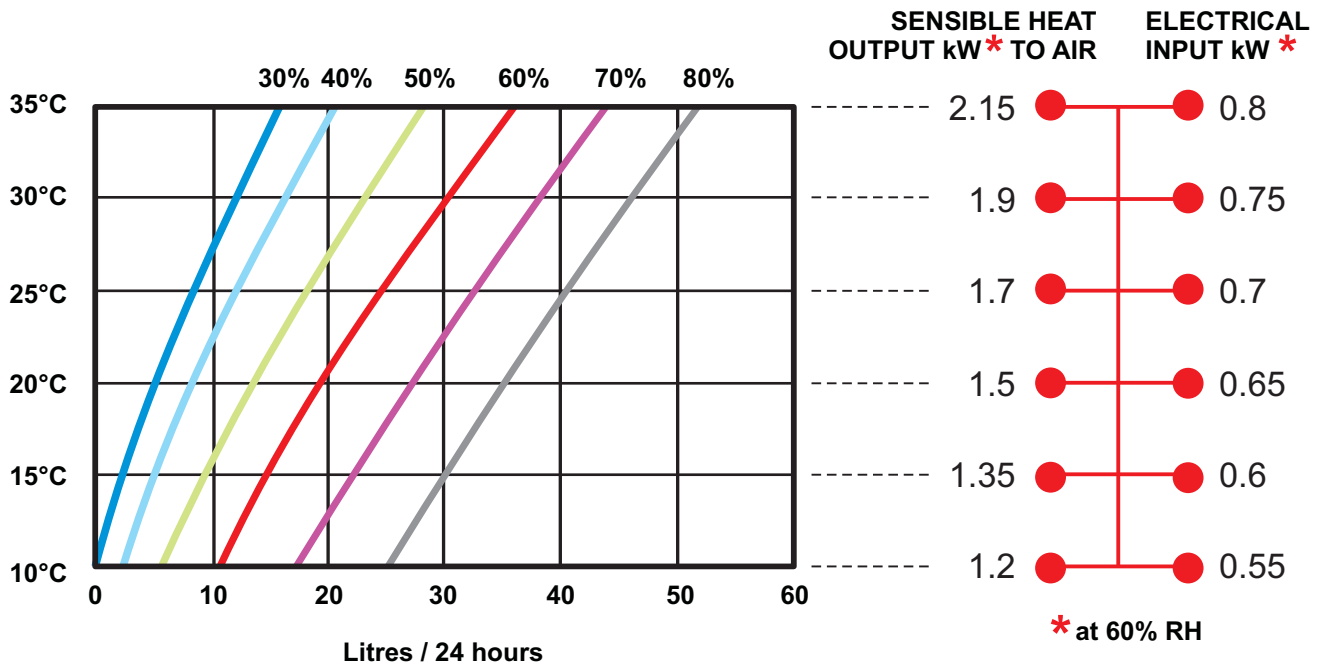
Calorex DH30 Dehumidifier Data Sheet

Specifications:

	units	DH30A	DH30AX	DH30AP	DH30AXP	DH30ARH
Technical data						
Operating temperature range	°C	15 - 35	0 - 35	15 - 32	0 - 35	15 - 35
Dehumidification (30°C / 60%)	L/hr	1.25	1.25	1.25	1.25	1.25
	L/24hrs	30.0	30.0	30.0	30.0	30.0
Airflow	m³/h	700	700	700	700	700
Sound pressure level @ 3m	DB(A)	52	52	52	52	52
Refrigerant		R407C	R407C	R407C	R407C	R407C
Electrical data						
Supply		230V 1ph 50Hz	230V 1ph 50Hz	230V 1ph 50Hz	230V 1ph 50Hz	230V 1ph 50Hz
Recommended Fuse Rating	Amps	10	10	20	20	10
Full Load amps	Amps	4.4	4.4	12.7	12.7	4.4
Compressor L.R.A.	Amps	15.8	15.8	15.8	15.8	15.8
Heater data						
Type		Optional LPHW	Optional LPHW	Electric	Electric	Reclaim
Heat output	kW	3.0 #	3.0 #	2.0	2.0	----
Water Flow Rate	L/min	5.0	5.0	----	----	10
Pressure Drop	M hd	----	----	----	----	1.6
Dimensions						
Width	mm	782	782	782	782	782
Depth	mm	256	256	256	256	256
Height	mm	648	648	648	648	648
Weight (Unpacked)	kg	40	40	40	40	45
Weight (Packed)	kg	50	50	50	50	55

Capacity is based on 80°C Hot water supply

Performance Data:



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