

Product Release

# AA 300 VH

calorex®

## An Induct Style Dehumidifier

Designed for swimming pool hall  
humidity and space temperature control

### Standard Features

- 3.6L/hr at 30°C/60% RH
- 0 – 1300 m<sup>3</sup>/hr variable speed fan with two external static pressure settings
- 12V remote control panel, up to 20m lead and quick connect 'D' type plug leads

Fresh air introduction point

- Air filters and duct flanges
- Temperature setback control (LPHW version)



Optional control panel kit can be  
mounted up to 20 metres away



Optional flange kit

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## TECHNICAL DATA

MODEL:-		Units	AA300
DEHUMIDIFICATION DUTY	VIA HEAT PUMP (30°C/60% rh)	litres/hr	3.6
HEAT TO AIR	VIA HEAT PUMP (MODE B):-	kW	4.4
	VIA LPHW @ 80°C :-	kW	7.3
	TOTAL :- (MODE B)	kW	9.8
RECOMMENDED BOILER CAPACITY (AA+LPHW)	RECOMMENDED BOILER CAPACITY	kW	10
	RECOMMENDED BOILER CAPACITY	Btu's/hr	34000
	FLOW RATE	l/min	10
	Pressure Drop @ Rated Flow	m/hd	2.9
	Max system working pressure	bar	6
ELECTRICAL	TOTAL POWER CONSUMED (nominal) :- 'F' & NON 'F'	kW	2
	MIN SUPPLY CAPACITY (Max F.L.A.)	Amps	13
	MAX SUPPLY FUSE 1 ph N:- 'F' & NON 'F'	Amps	20
MAIN FAN	AIR FLOW (anemometer @ air on filter, wet evaporator)	m³/hr	1300 ±10%
	MAX EXTERNAL STATIC PRESSURE- NON 'F'	Pa	95
	MAX EXTERNAL STATIC PRESSURE- 'F'	Pa	110
	DESIGN CONDITION Amps:-		
	1 ph N :- NON 'F'	Amps	1.04
	1 ph N :- 'F'	Amps	1.5
	FLA:- 1 ph N:-	Amps	2.6
COMPRESSOR	NOMINAL POWER CONSUMED:-	kW	1.9
	LRA:- 1 ph N:-	Amps	46
	RLA:- 1 ph N:-	Amps	8.6
	SOFT START Amps 1 ph N:-	Amps	24
GENERAL DATA	<b>Hermetic System</b>		
	GAS CHARGE (R407c)	kg	2.6
	LPHW battery volume	litres	1.15
PHYSICAL DIMENSIONS	WIDTH (Unpacked)	mm	730
	DEPTH (Unpacked)	mm	1025
	HEIGHT (Unpacked)	mm	850
	WEIGHT approx' (AA un-packed no options):-	kg	111
	NOISE LEVEL @ 1m	dBA	61

### Options:

- 7.5kW air heating LPHW coil with 3 way valve and thermostatic control
- Flexible duct flange kit
- Remote sensor kit
- 20m control panel lead