

Certikin

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Contact your Certikin stockist for prices and availability.

This literature is intended as a guide.
The company reserves the right to change the specifications without notice.



AA300 & AA500 Induct Style Dehumidifier

with option for air & pool water heating

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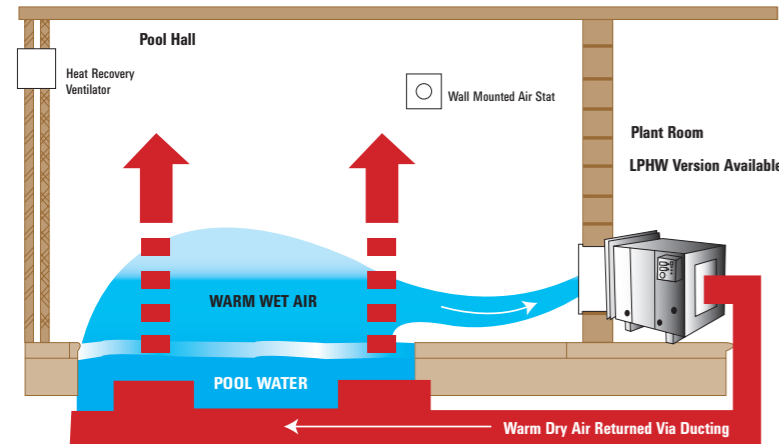
AA300 & AA500 Induct Style Dehumidifier

A compact ducted dehumidifier for pools with simple ducting requirements.

Designed specifically for indoor domestic pools or small hotel or therapy pools, the AA300 and AA500 are the ideal solution for dehumidifying your pool room.

It's available with integral LPHW heat exchangers for air and water heating too.

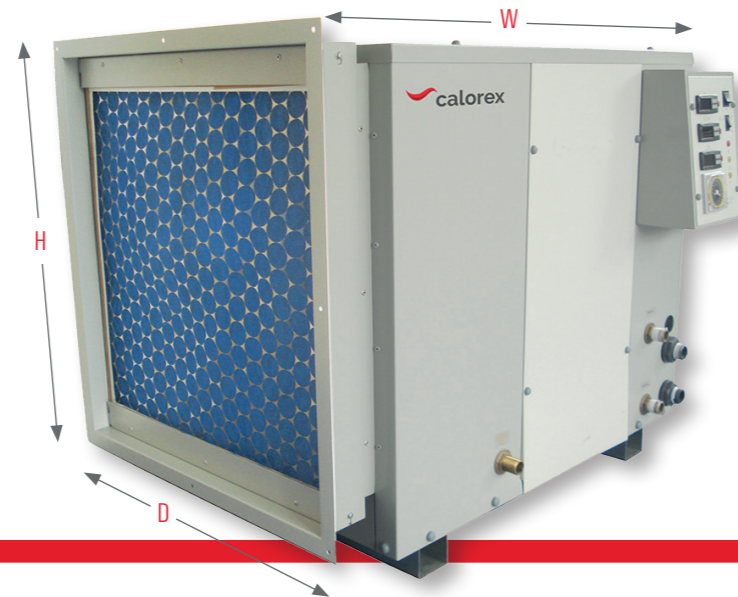
Plus the AA300/AA500's compact dimensions ensure maximum installation flexibility.



Features of the AA 300VH & AA500VH

- 3.6l/hr at 30°C / 60% RH (AA300) - 4.5l/hr at 30°C / 60% RH (AA500)
- EC inverter main fan
- 12V remote control panel, 2m lead (10m cable option)
- Fresh air introduction point
- Air filters and duct flanges
- Temperature setback control (LPHW version)
- Options: 20m control panel lead, Air LPHW, Air and water LPHW
- Heat recovery to air
- 1 year manufacturers warranty

H = 850mm
W = 1027mm
D = 730mm



Specifications

MODEL	AA300AF	AA300AF/L	AA300AF/WL	AA500AF	AA500AF/L	AA500AF/WL
Operating conditions - °C	15-36	15-36	15-36	15-36	15-36	15-36
Dehumidification rate (30°C / 60% RH) - ltrs / hr	3.6	3.6	3.6	4.5	4.5	4.5
HEAT TO AIR						
Via heat pump - kW	4.4	4.4	4.4	6.1	6.1	6.1
Via LPHW @ 80°C - kW	-	7.3	7.3	-	7.5	7.5
Total (mode B) - kW	-	9.8	9.8	-	11.7	11.7
Heat to water - kW	-	-	18	-	-	18
BOILER CAPACITY						
Recommended boiler capacity - kW	-	7.3	25.3	-	7.5	25.5
Recommended flow rates - l/min	10	15	21	10	15	21
Pressure drop @ rated flow - m/hd	-	2.9	4.2	-	2.9	4.2
Max system working pressure - bar	-	6	6	-	6	6
ELECTRICAL						
Total power consumed (nominal - F & non F) - kW	2.1	2.1	2.1	2.3	2.3	2.3
Min supply capacity - Amps	13	13	13	13	13	13
Max supply fuse - 1ph N - F & non F - Amps	20	20	20	20	20	20
MAIN FAN						
Air flow (anemometer @ air on filter, wet evaporator) - m ³ /hr	1300 ± 10%	1300 ± 10%	1300 ± 10%	1800 ± 10%	1800 ± 10%	1800 ± 10%
Max external static pressure - Pa	300	300	300	250	250	250
GENERAL DATA						
Gas charge (R407c) - kg	2.6	2.6	2.6	2.6	2.6	2.6
LPHW battery volume - litres	-	1.15	1.15	-	1.15	1.15
Noise level @ 1m - dBA	61	61	61	61	61	61
DIMENSIONS						
H x W x D - mm	850 x 1027 x 730	850 x 1027 x 730	850 x 1027 x 730	850 x 1027 x 730	850 x 1027 x 730	850 x 1027 x 730
Weight - kg	111	111	111	111	111	111



Air and water LPHW control panel



Control panel kit can be mounted up to 20 metres away (additional cable required).