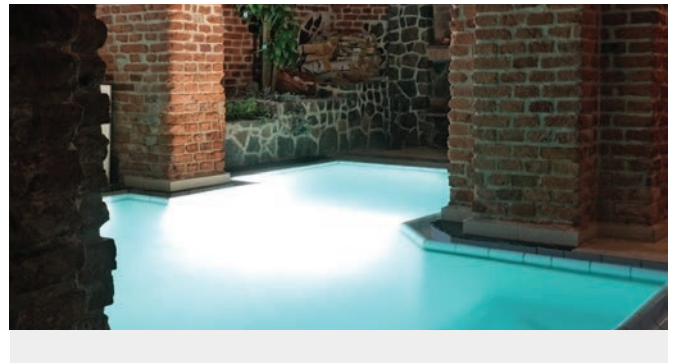


POOL AIR HANDLING UNITS

DEHUMIDIFICATION WITH HEAT RECOVERY



AW 1200



Features

- Pool hall dehumidification
- Dynamic heat pump heat recovery to pool and air
- Constant flow EC fan (models 600, 900, 1200)
- Speed controllable EC fan (model 1500)
- PLC control with 3.5" touchscreen user interface
- Remote monitoring/control

AA+LPHW models add:

- Integral LPHW heat exchanger for air heating

AW models add:

- Dynamic heat pump heat recovery to pool and air
- Integral LPHW heat exchangers for pool and air

Options

- Fresh air module
- Upgraded LPHW heat exchanger for air
- Electric resistance air heaters (6/12/18kW)
- Air cooling with remote condenser
- Titanium pool condenser (AW models only)

Electrical heater option notes

- In lieu of LPHW heat exchangers
- 6kW or 12kW is available for 600 and 900 models
- 12kW or 18kW is available for 1200 and 1500 models



VARIHEAT TOUCHSCREEN

Applications

- Spa and therapy pools
- Hotel pools and wellness centres
- Holiday parks & campsites



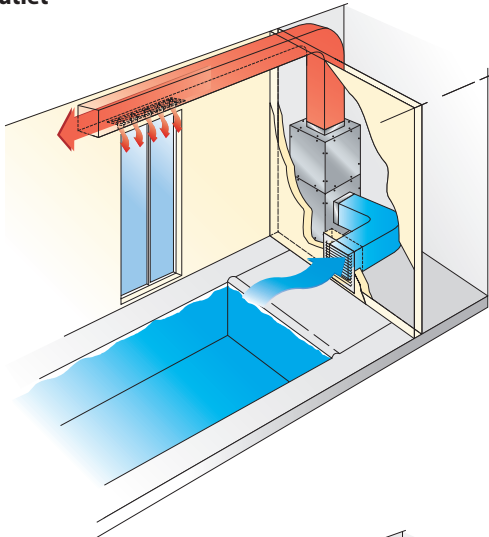


POOL AIR HANDLING UNITS

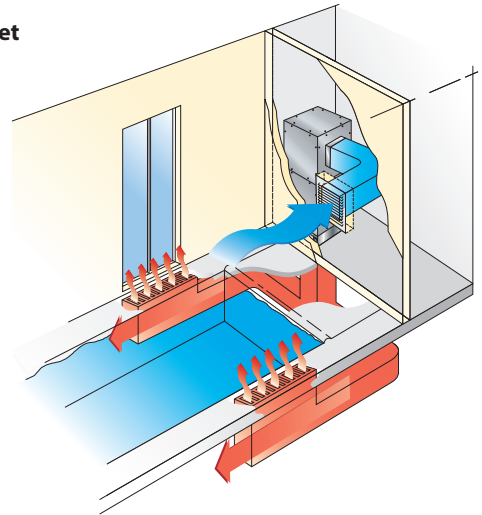
DEHUMIDIFICATION WITH HEAT RECOVERY

Installation options

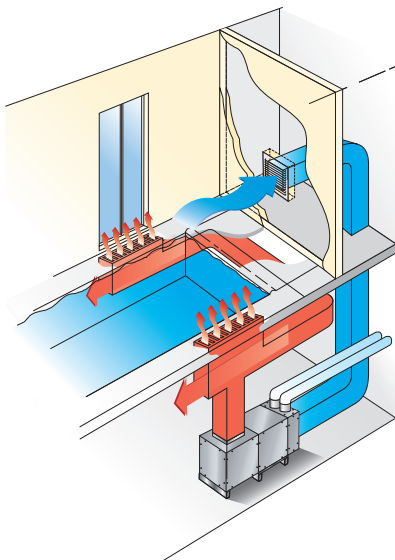
Top outlet



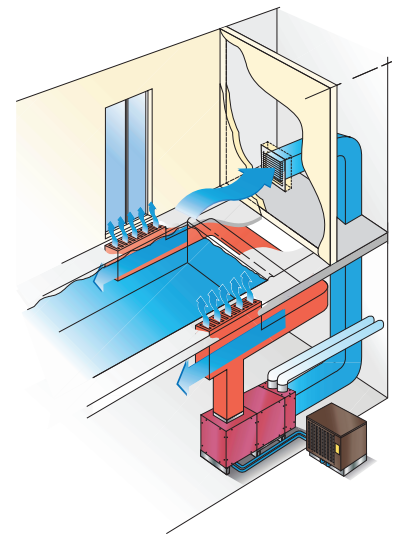
Bottom outlet



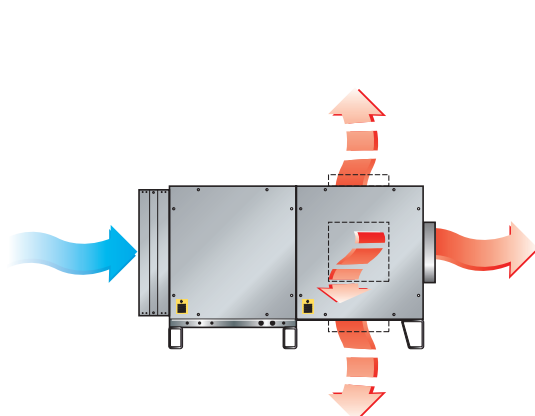
Basement outlet



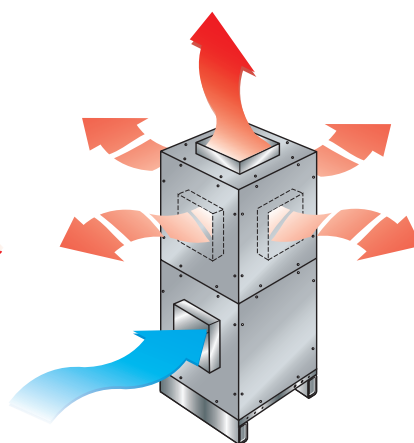
Remote condensing unit option



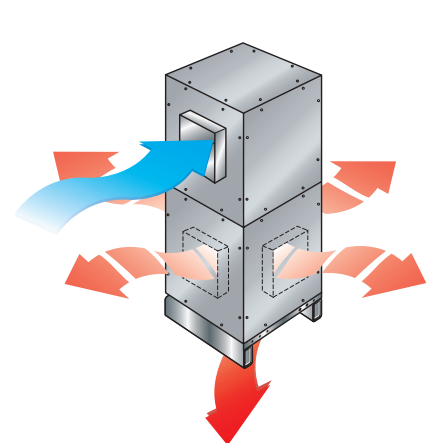
Horizontal outlet



Top outlet



Bottom outlet



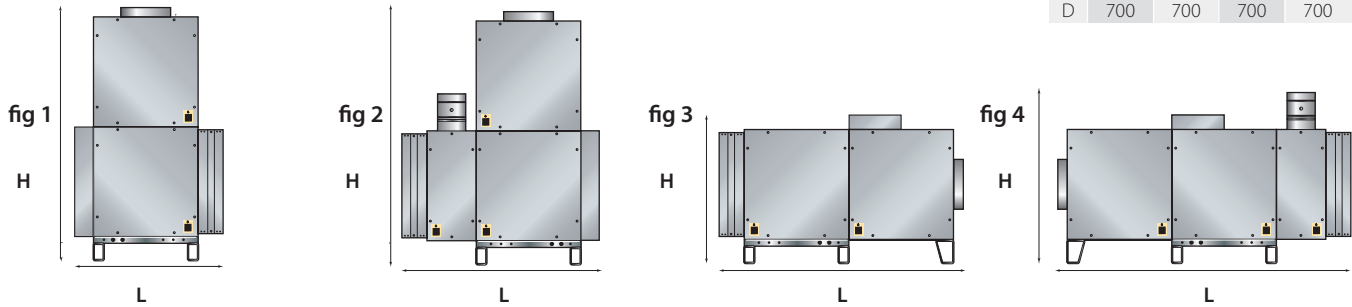
POOL AIR HANDLING UNITS

DEHUMIDIFICATION WITH HEAT RECOVERY

Configurations

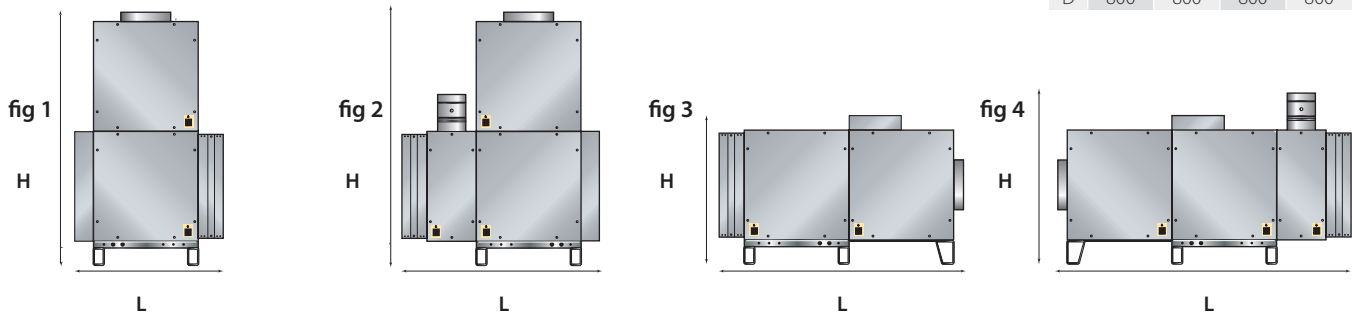
Variheat 600/900

	fig 1	fig 2	fig 3	fig 4
H	1574	1574	977	1028
L	986	1339	1574	1929
D	700	700	700	700



Variheat 1200/1500

	fig 1	fig 2	fig 3	fig 4
H	1778	1778	1110	1130
L	1105	1460	1778	2133
D	800	800	800	800



Specifications	Units	AW 600	AA 600	AW 900	AA 900	AW 1200	AA 1200	AW 1500	AA 1500
Air flow	m ³ /h	2000	2000	2500	2500	3500	3500	4300	4300
External available static	Pa	330	330	220	220	290	290	350	350
Fresh air flow (option)	m ³ /h	0-900	0-900	0-900	0-900	0-900	0-900	0-900	0-900
External available static	Pa	100	100	100	100	100	100	100	100
Dehumidification @ 30°C/60% RH	l/h	4.6	4.6	6.5	6.5	8.5	8.5	10.5	10.1
Dehumidification @ 30°C/70% RH	l/h	5.5	5.5	7.8	7.8	10.8	10.8	13.2	13.2
Heat to air									
Net via heat pump (Mode B)	kW	5.1	5.1	7.1	7.1	10.0	10.0	14.0	14.0
Via standard LPHW @ 80°C	kW	11.0	11.0	13.5	13.5	24.0	24.0	28.0	28.0
Max. available (Mode B + standard LPHW)	kW	14.0	14.0	18.6	18.6	30.0	30.0	36.0	36.0
Via upgraded LPHW @ 55°C	kW	9.4	9.4	11.5	11.5	20.4	20.4	23.8	23.8
Max. available (Mode B + upgraded LPHW)	kW	12.7	12.7	16.9	16.9	27.0	27.0	36.8	36.8
Heat to water									
Net via heat pump (Mode A)	kW	5.5	0	7.4	0	10.0	0	12.5	0
Via LPHW @ 80°C	kW	18.0	0	30.0	0	30.0	0	40.0	0
Max. available (Mode A + LPHW)	kW	23.5	0	37.4	0	40.0	0	52.5	0
Nominal power consumed	kW	2.1	2.1	2.8	2.8	3.6	3.6	4.7	4.7

AW denotes heat recovery to air/water and LPHW heaters for air/water
AA denotes heat recovery to air and optional LPHW heater for air only