

NEW AQUAREA AIR RADIATORS

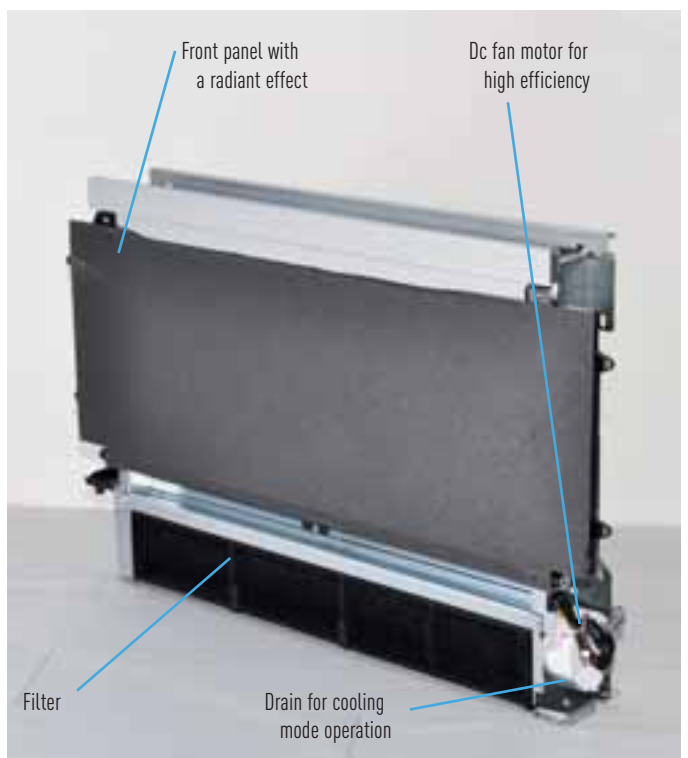
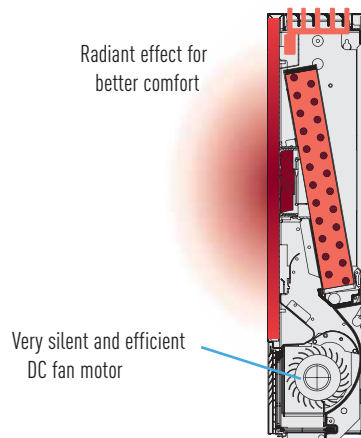
High efficiency climate control High Efficiency Radiators
Aquarea Air terminals are extremely slim. With a depth of just under 13 cm they are at the cutting edge of the market. Blending easily into the home, Aquarea Air's elegant design, and product refinements are clear to see in every detail.

Its particular slimness has been obtained thanks to the innovative layout of the ventilation unit and the heat exchanger. The fan is tangential with asymmetric blades and the heat exchanger has large surface, enabling high airflows to be achieved with low pressure loss and low noise levels. Exceptional ventilation efficiency means the motor uses considerably less energy (low wattage). The fan speed is continuously modulated by the temperature controller with proportional integral logic, with undoubted advantages for regulating the temperature and humidity in summer mode.



Fan Coils for Heat Pump application	PAW-AAIR-200						PAW-AAIR-700						PAW-AAIR-900						
Total heating capacity	W	138	160	350	470	570	223	360	708	1032	1188	273	475	886	1420	1703			
Water flow	kg/h	23.7	27.5	60.2	80.8	98.0	38.4	61.9	121.8	177.5	204.3	47.0	81.7	152.4	244.2	292.9			
Water pressure drop	kPa	0.1	0.2	0.4	2.0	2.9	0.1	0.1	0.3	0.8	1.0	0.1	0.2	0.5	1.6	2.2			
Air flow	m ³ /h	28	37	55	113	162	44	84	155	252	320	54	110	248	367	461			
	Speed	Main Fan Off	Super	Min	Med	Max	Main Fan Off	Super	Min	Med	Max	Main Fan Off	Super	Min	Med	Max			
Maximum input power	W	2	5	7	9	13	3	9	14	18	22	3	11	16	20	24			
Sound pressure level	dB(A)	17.6	18.8	24.7	33.2	39.4	18.4	19.6	25.8	34.1	40.2	18.4	22.3	26.2	34.4	42.2			
Inlet water temperature	°C	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35			
Outlet water temperature	°C	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
Inlet air temperature	°C	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19			
Outlet air temperature	°C	34.5	32.6	38.9	32.0	30.0	34.9	32.4	33.3	31.8	30.6	34.8	32.5	30.2	31.1	30.6			
Dimensions (H x W x D)	mm	735 x 576 x 129						935 x 576 x 129						1135 x 576 x 129					
3 ways valve included		Yes						Yes						Yes					
Touch screen thermostat		Yes						Yes						Yes					

During winter, the operating principle is based on micro fans of very low power consumption and minimum noise that send hot air, coming from the heat exchanger, to the inside of the front panel of the device and therefore heat it effectively. With this principle, the terminal also provides significant power while heating, without running the main fan. Comfort temperatures therefore maintained, without air movements and in silence. In summer mode, the airflow generated by the micro fans is stopped to avoid any dew formation on the terminal's front surface.



32%
MORE EFFICIENT
THAN STANDARD
RADIATORS



PAW-AAIR-900

**AQUAREA
AIR**



PAW-AAIR-700

PAW-AAIR-200

New line up of Super low temperature radiators for Heat Pump application:

Aquarea Air 200/700/900 with radiating effect

Major Benefit

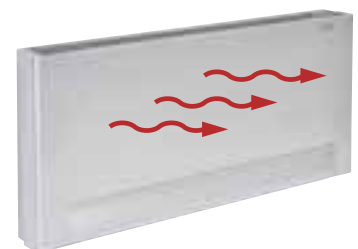
- On the water installation
- Only 1 water temperature on the water circuit (35 °C)
- No expansive 2 zone kits
- No overflow valve (as Aquarea Air has a 3-way valve)
- Very easy to install
- On the efficiency
- COP with water at 35 °C is 32% higher than efficiency with water at 45 °C! (case MDF06, at +7 °C)

Main features

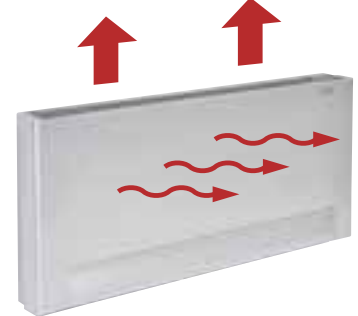
- Front panel heating with radiant effect
- High heating capacity (without main fan running)
- 4 fan speeds and capacities
- Exclusive design
- Extremely compact (only 12.9 cm deep)
- Cooling and dehumidification functions possible (drain is needed)
- 3-way valve included (no overflow valve needed on the installation if more than 3 radiators installed)
- Touch screen thermostat



Operating on heating mode with radiator using only radiant effect



Operating on heating mode with radiant effect and fan mode



Operating on cooling mode with fan

