

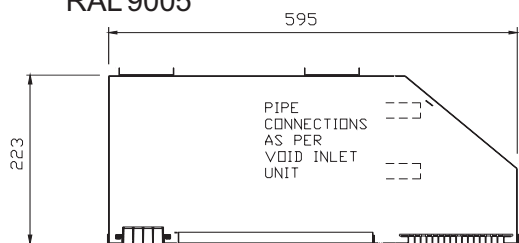


S & P Coil Products Limited

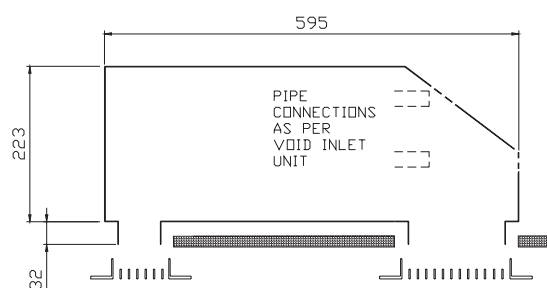
AIRDOR Elite Concealed (Room Inlet) - Technical Data Sheet

The AIRDOR Elite Concealed range comes with:

- Room inlet configurations suitable for installation into T-Bar or plasterboard ceilings, including optional spigotted side access panels for T-Bar applications.
- LPHW or electric powered heating elements with integral 3-speed fan control (LPHW only)
- A comprehensive range of controls
- T Bar units powder coated white to RAL 9016, plasterboard units powder coated black to RAL 9005



T-Bar: Room Inlet - Side Profile



Plasterboard: Room Inlet - Side Profile

DIMENSIONS AND WEIGHTS

MODEL	1200	1800	2400
Length (mm)	1195	1795	2390
Height (mm)	225		
Depth (mm)	595		
Weight (kg)	36	55	71

ELECTRIC MODELS

MODEL	Conc 1200e		Conc 1800e		Conc 2400e	
Heat Setting	1	2	1	2	1	2
Air Volume (litres/s)	220	320	360	480	480	640
Exit Air Velocity (m/s)	4.0	7.0	4.3	7.0	4.3	7.0
Duty (kW)	6.0	9.0	8.0	12.0	12.0	18.0
Air Temperature Rise (°C)	22.7	23.4	18.5	20.8	20.8	23.4
Minimum Mounting Height (m)	1.8					
Maximum Mounting Height (m)	3.5					
Operating Current (A)	9.1	13.7	12.2	18.3	18.3	27.4
Noise Level (dBA at 3m)	49	58	57	60	58	62

LPHW MODELS

MODEL	Conc 1200w			Conc 1800w			Conc 2400w		
Speed Setting	1	2	3	1	2	3	1	2	3
Air Volume (litres/s)	170	220	320	260	360	480	340	480	640
Exit Air Velocity (m/s)	3.5	4.0	7.0	3.5	4.3	7.0	3.5	4.3	7.0
82/71/20°C Duty (kW)	5.6	6.5	7.9	8.4	10.0	11.6	11.2	13.7	15.8
Air Temperature Rise (°C)	27.5	24.6	20.6	26.9	23.1	20.1	27.5	24.2	20.6
Pressure Drop (kPa)	0.7	0.8	1.1	1.3	1.7	2.2	0.7	0.8	1.1
Water Flow Rate (litres/s)	0.12	0.14	0.17	0.18	0.22	0.25	0.24	0.28	0.34
Minimum Mounting Height (m)	1.8								
Maximum Mounting Height (m)	3.5								
Operating Current (A)	0.9	1.2	1.6	1.4	2.0	2.4	1.8	2.4	3.2
Noise Level (dBA at 3m)	43	49	58	45	57	60	46	58	62