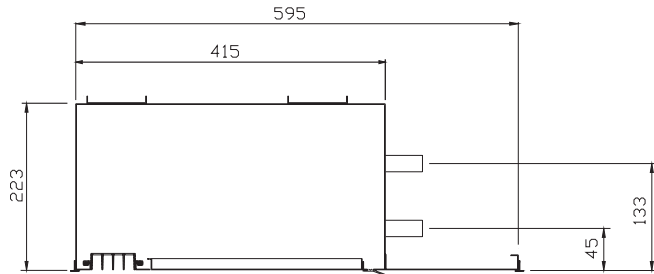


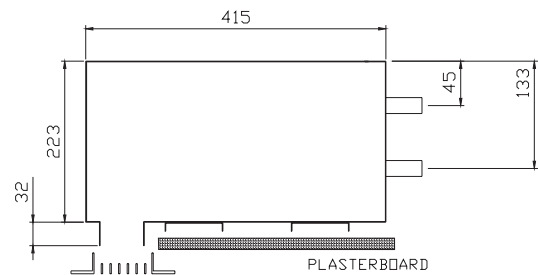
AIRDOR Elite Concealed (Void Inlet) - Technical Data Sheet

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: Void Inlet - Side Profile



Plasterboard: Void Inlet - Side Profile

DIMENSIONS AND WEIGHTS			
MODEL	1200	1800	2400
Length (mm)	1195	1795	2390
Height (mm)	see above		
Depth (mm)	415		
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