

Non-Domestic Applications

Caspian



A floor-mounted fan convector specially developed for a diversity of applications in commercial installations – ideal for meeting the heating requirements of larger areas. Finished in clean and bright eggshell white – other colours available to order. Rapid response heating and the option of room temperature control makes Caspian the perfect method of heating for buildings such as schools, care homes, libraries, offices, hospitals, etc. The ability to generate heat efficiently from lower temperature heating systems maximises Caspian's renewable technology credentials.

Caspian Heat Output Data

	Model	Heat Output			Casing Colour	Fan-Only
		High kW (Btu/h)	Medium kW (Btu/h)	Low kW (Btu/h)		
Hydronic	Caspian 60/03	3.4 (12000)	3.2 (11000)	2.9 (10000)	White	n/a
	Caspian 60/04	4.6 (16000)	4.1 (14000)	3.6 (12000)	White	n/a
Hydronic	Caspian 90/06	6.7 (23000)	6.2 (21000)	5.6 (19000)	White	n/a
	Caspian 90/07	7.8 (27000)	7.0 (24000)	6.2 (21000)	White	n/a
Hydronic	Caspian 120/10	11.4 (39000)	10.4 (35000)	8.6 (29000)	White	n/a
	Caspian 120/11	12.2 (42000)	11.4 (39000)	9.5 (32000)	White	n/a
	Caspian 120/12	13.1 (45000)	12.2 (42000)	10.4 (35000)	White	n/a

75°C inlet water temperature, 18°C entering air temperature. Heat outputs tested in accordance with BS 4856.

Correction Factors - Caspian 60, 90 and 120 Range

EAT °C	Mean Water Temperature °C		
	65	70	75
15	0.85	0.95	1.05
18	0.79	0.89	1.00
21	0.74	0.84	1.95

	Model	Flow & Return Connections	Mains Cable	Transformer	Flexible Hoses	Isolating Valves	Fused Spur	Power Consumption			Water Capacity (Litres)
								Low Watts	Medium Watts	High Watts	
Hydronic	Caspian 60/03	22mm	1.5m	n/a	n/a	n/a	3A	29	36	51	0.28
	Caspian 60/04	22mm	1.5m	n/a	n/a	n/a	3A	29	36	51	0.32
Hydronic	Caspian 90/06	22mm	1.5m	n/a	n/a	n/a	3A	53	60	98	0.52
	Caspian 90/07	22mm	1.5m	n/a	n/a	n/a	3A	53	60	98	1.04
Hydronic	Caspian 120/10	22mm	1.5m	n/a	n/a	n/a	3A	53	99	114	0.28
	Caspian 120/11	22mm	1.5m	n/a	n/a	n/a	3A	60	114	135	0.32
	Caspian 120/12	22mm	1.5m	n/a	n/a	n/a	3A	99	135	151	0.52

Finish

Casing: zinc coated steel 1.2mm. Polyester powder-coated: textured white BS 4800 00A01 18% gloss.

Installation

- Suitable to two-pipe central heating systems
- Mount on the floor with fixings to the wall
- Pipe-work access holes on the rear and underside
- Coin operated front access panel
- Bleed valve accessible on removal of front casing
- Tamperproof control panel
- Unit must be earthed

Commissioning

Check water is hot enough to activate the low temperature cut-out thermostat

Controls

Rocker switch - low/medium/high

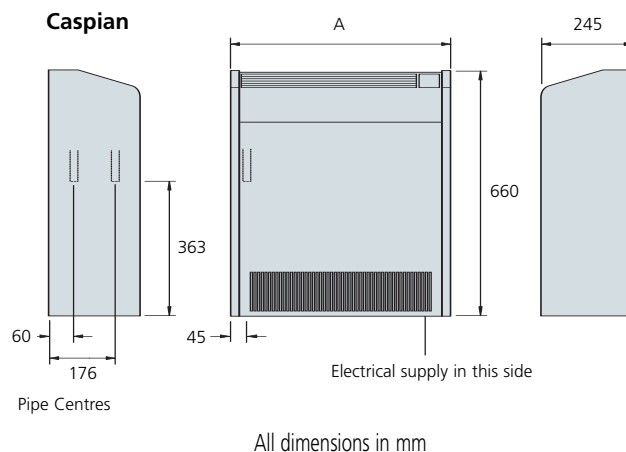
Illuminated rocker switch - on/off

Facility to connect room thermostat

Low temperature cut-out thermostat set to energise fan at approx. 42°C (108°F)

Accessories

Wall mounted room thermostat with on/off switch



Model	A
60	595
90	895
120	1195