Caspian[®] TT

Education | Healthcare | Places of worship | Leisure and sport | Office | Hospitality | Retail | Showroom | Industrial | Residential



Warm air is discharged from the upper surface to avoid causing discomfort to people sitting adjacent to the appliance

Caspian fan convectors are both a practical and high quality heating solution for any commercial project

Incorporating the latest EC motor technology, which can result in running-cost savings as high as 70%, and with variable speed control as standard, the Caspian delivers heat quickly and quietly. AC motor models are available on request

It is possible to have master and slave Caspian fan convectors that integrate the entire range of EC Caspian products. Please contact either our sales team or technical team to ensure that this is correctly specified

Caspians are compatible with most types of wet central heating systems, functioning equally efficiently with conventional boilers, biomass technology or ground or air source heat pumps

The airflow can be reversed so that the warm air is discharged from the lower vent. Please contact either our sales team or technical team to ensure that the correct inlet/discharge positioning is specified

Available with Smart Control and Antibacterial paint



Product Information

Motor

EC (BMS compliant) or AC.

Finish

Casing: zinc-coated steel 1.2mm . Polyester powder-coated: white RAL 9010. Available to special order in any colour and with anti-microbial or antibacterial paint.

Filter

Class G2, 100% polyester, non-washable.

Installation

Suitable for two-pipe central heating systems. Maximum installation height for high or ceiling mounting - 4m to underside. Pipework access holes on the rear and underside. Key operated front access panels. Bleed valve accessible on removal of front casing. Unit must be earthed.

Commissioning

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

wide. With variable heat output controller. As Smith's Caspian TT 60,

Controls

See accessories table.

90, 120, 150, 180.

Specification

To specify state: Fan Convector with EC motor (or AC), in 1.2mm zinc coated steel, 660mm high and 595mm, 895mm, 1195mm, 1495mm or 1795mm

As part our commitment to continuous improvement Smith's Environmental Products may change the specifications of its products without prior notification or public announcement. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All dimensions are in mm unless otherwise stated. Please visit our website for the most up to date information.



Issue 012 | April 2024

+44 (0) 1245 324 900 | sales@smithsep.co.uk | SmithsEP.co.uk

Technical Data

Model Reference	Fan Speed	Control Voltage VDC	40°C MWT	45°C MWT	50°C MWT	55°C MWT	60°C MWT	65°C MWT	70°C MWT	75°C MWT	80°C MWT
	Low	3.4	0.85	1.20	1.45	1.80	2.16	2.35	2.73	3.08	3.40
EC 60	Mid	4.9	1.02	1.53	1.92	2.37	2.76	3.18	3.58	4.05	4.38
	High	6.4	1.18	1.85	2.38	2.93	3.36	4.00	4.43	5.02	5.36
	Low	3.2	1.68	2.23	3.01	3.49	4.05	4.45	5.12	5.49	6.03
EC 90	Mid	4.6	2.22	3.07	4.05	4.66	5.42	6.01	6.81	7.34	7.93
	High	6.1	2.75	3.90	5.08	5.82	6.78	7.56	8.49	9.19	9.83
EC 120	Low	3.1	1.62	2.34	3.32	3.98	4.71	5.62	6.32	6.99	7.61
	Mid	4.3	2.31	3.25	4.27	5.15	6.07	7.02	7.91	8.74	9.60
	High	5.5	2.99	4.15	5.21	6.31	7.42	8.41	9.50	10.48	11.59
EC 150	Low	2.8	2.95	3.72	4.49	5.27	6.045	6.79	7.54	8.29	9.04
	Mid	4.0	3.99	4.99	5.99	6.99	7.97	8.99	9.97	10.98	11.93
	High	5.1	5.02	6.26	7.49	8.71	9.90	11.19	12.39	13.67	14.82
EC 180	Low	2.8	3.64	5.20	6.78	8.24	9.39	10.33	11.24	12.15	13.01
	Mid	3.9	4.51	6.18	7.85	9.51	10.95	12.36	13.70	15.07	16.40
	High	4.9	5.38	7.16	8.91	10.77	12.50	14.39	16.16	18.0	19.78

Heat output - EC (AC product also available)

Model Reference	Fan Speed	Air Volume (m³/h)	Air Volume (l/s)	Specific Fan Power w/ls	Power Consumption (W)	NR in typical room*	Hydraulic Resistance (KPA)	Nominal Weight (KG)	Water Capacity (L)
	Low	201.00	55.90	0.14	8.00	34.00	1.38		
EC 60	Mid	290.50	80.75	0.26	21.00	41.50	1.69	23.00	0.92
	High	380.00	105.60	0.32	34.00	49.50	2.00		
	Low	297.00	80.75	0.20	16.00	34.00	4.70		
EC 90	Mid	450.50	124.38	0.34	42.00	41.50	5.85	36.00	1.50
	High	604.00	168.00	0.40	68.00	49.97	7.00		
	Low	419.30	116.50	0.14	16.00	34.00	17.78		
EC 120	Mid	549.65	152.68	0.26	40.00	42.00	20.59	45.00	2.08
	High	680.00	188.89	0.34	64.00	49.96	23.40		
	Low	459.80	127.72	0.17	22.00	34.70	22.23		
EC 150	Mid	598.10	166.14	0.35	59.00	41.50	29.46	60.00	2.58
	High	736.40	205.56	0.47	96.00	49.38	36.69		
	Low	542.00	150.56	0.19	29.00	34.90	47.83		
EC 180	Mid	690.00	191.67	0.40	78.50	41.50	60.76	78.00	3.18
	High	838.00	232.78	0.55	128.00	49.00	73.70		

*a typical room is taken as a room with a volume of 173m³ and a reverberation time of 0.8 seconds at 500 Hz with one unit installed, situated against a wall or ceiling (radiating noise in a quartersphere). No allowance is made for attenuation provided by ceilings, enclosures or ductwork. Outputs based upon testing at EN442: 2014 using mean water temperature and an entering air temperature of 20°C with a 10°C temperature drop between flow and return.

Correction factors

Mean Water Temp °C	45 - 80				
Water Temperature drop °C		5	10	15	20
Entering Air Temperature °C	15	1.13	1.10	1.07	1.05
	18	1.08	1.05	1.02	0.99
	20	1.04	1.00	0.95	0.89
	25	0.93	0.91	0.89	0.86

How to calculate Mean Water Temperature

Mean water	ſ	Flow temperature + Return temperature
temperature (∆T)		2

Factors are approximate data based upon a standard coil.

As part our commitment to continuous improvement Smith's Environmental Products may change the specifications of its products without prior notification or public announcement. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All dimensions are in mm unless otherwise stated. Please visit our website for the most up to date information. Issue 012 | April 2024 +44 (0) 1245 324 900 | sales@smithsep.co.uk | SmithsEP.co.uk



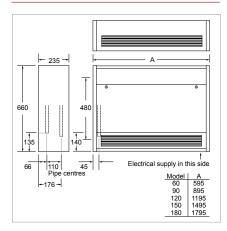
Ordering Guide

Model	Packed Wt (kg)	Product Codes	
AC Codes			
CASPIAN TT 60 AC	24	HPCA16000	
CASPIAN TT 90 AC	39	HPCA16001	
CASPIAN TT 120 AC	46	HPCA16002	
CASPIAN TT 150 AC	61	HPCA16003	
CASPIAN TT 180 AC	76	HPCA16004	
EC Codes			
CASPIAN TT 60 EC	24	HPCA15000	
CASPIAN TT 90 EC	39	HPCA15001	
CASPIAN TT 120 EC	46	HPCA15002	
CASPIAN TT 150 EC	61	HPCA15003	
CASPIAN TT 180 EC	76	HPCA15004	

Mounting Options



Dimensions



100mm 150mm CASPIAN FF/EXT/SL/TT 60 PLINTH BLACK HACA33077 HACA33082 CASPIAN FF/EXT/SL/TT 90 PLINTH BLACK HACA33078 HACA33083 CASPIAN FF/EXT/SL/TT 120 PLINTH BLACK HACA33079 HACA33084 CASPIAN FF/EXT/SL/TT 150 PLINTH BLACK HACA33080 HACA33085 CASPIAN FF/EXT/SL/TT 150 PLINTH BLACK HACA33081 HACA33085 CASPIAN FF/EXT/SL/TT 160 PLINTH BLACK HACA33081 HACA33086 CASPIAN FF/EXT/SL/TT 60 PLINTH WHITE HACA33087 HACA33092 CASPIAN FF/EXT/SL/TT 100 PLINTH WHITE HACA33088 HACA33093 CASPIAN FF/EXT/SL/TT 100 PLINTH WHITE HACA33089 HACA33094 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33094 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095	Plinths	Product	t Codes	
CASPIAN FF/EXT/SL/TT 90 PLINTH BLACK HACA33078 HACA33083 CASPIAN FF/EXT/SL/TT 120 PLINTH BLACK HACA33079 HACA33084 CASPIAN FF/EXT/SL/TT 150 PLINTH BLACK HACA33080 HACA33085 CASPIAN FF/EXT/SL/TT 180 PLINTH BLACK HACA33081 HACA33086 CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33087 HACA33092 CASPIAN FF/EXT/SL/TT 90 PLINTH WHITE HACA33088 HACA33093 CASPIAN FF/EXT/SL/TT 100 PLINTH WHITE HACA33089 HACA33093 CASPIAN FF/EXT/SL/TT 100 PLINTH WHITE HACA33089 HACA33094 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33090 HACA33095 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA3307 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118	Plinths	100mm	150mm	
CASPIAN FF/EXT/SL/TT 120 PLINTH BLACK HACA33079 HACA33084 CASPIAN FF/EXT/SL/TT 150 PLINTH BLACK HACA33080 HACA33085 CASPIAN FF/EXT/SL/TT 180 PLINTH BLACK HACA33081 HACA33086 CASPIAN FF/EXT/SL/TT 60 PLINTH WHITE HACA33087 HACA33092 CASPIAN FF/EXT/SL/TT 90 PLINTH WHITE HACA33088 HACA33093 CASPIAN FF/EXT/SL/TT 100 PLINTH WHITE HACA33089 HACA33093 CASPIAN FF/EXT/SL/TT 100 PLINTH WHITE HACA33089 HACA33094 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33090 HACA33095 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA33037 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER (PROGRAMED AT FACTORY) HACA33128	CASPIAN FF/EXT/SL/TT 60 PLINTH BLACK	HACA33077	HACA33082	
CASPIAN FF/EXT/SL/TT 150 PLINTH BLACK HACA33080 HACA33085 CASPIAN FF/EXT/SL/TT 180 PLINTH BLACK HACA33081 HACA33086 CASPIAN FF/EXT/SL/TT 80 PLINTH WHITE HACA33087 HACA33092 CASPIAN FF/EXT/SL/TT 90 PLINTH WHITE HACA33088 HACA33093 CASPIAN FF/EXT/SL/TT 100 PLINTH WHITE HACA33089 HACA33094 CASPIAN FF/EXT/SL/TT 120 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33095 CASPIAN PF/EXT/SL/TT 180 PLINTH WHITE HACA33095 CASPIAN PAR PRODUCT CONTROLLER 15°-25° INTEGRAL (EC) HACA33005 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA3307 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118	CASPIAN FF/EXT/SL/TT 90 PLINTH BLACK	HACA33078	HACA33083	
CASPIAN FF/EXT/SL/TT 180 PLINTH BLACK HACA33081 HACA33086 CASPIAN FF/EXT/SL/TT 60 PLINTH WHITE HACA33087 HACA33092 CASPIAN FF/EXT/SL/TT 90 PLINTH WHITE HACA33088 HACA33093 CASPIAN FF/EXT/SL/TT 120 PLINTH WHITE HACA33089 HACA33094 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33090 HACA33091 HACA33095 CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33095 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA3305 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA3307 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER (PROGRAMED AT FACTORY)	CASPIAN FF/EXT/SL/TT 120 PLINTH BLACK	HACA33084		
CASPIAN FF/EXT/SL/TT 60 PLINTH WHITE HACA33087 HACA33092 CASPIAN FF/EXT/SL/TT 90 PLINTH WHITE HACA33088 HACA33093 CASPIAN FF/EXT/SL/TT 120 PLINTH WHITE HACA33099 HACA33094 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33096 Accessories HACA33091 HACA33096 Accessories HACA33091 HACA33096 Accessories HACA33091 HACA33096 CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33096 HACA33095 CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33096 HACA33096 Accessories HACA33091 HACA33096 CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33096 CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33096 HACA33096 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA3305 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA3307 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118	CASPIAN FF/EXT/SL/TT 150 PLINTH BLACK	HACA33080	HACA33085	
CASPIAN FF/EXT/SL/TT 90 PLINTH WHITE HACA33088 HACA33093 CASPIAN FF/EXT/SL/TT 120 PLINTH WHITE HACA33089 HACA33094 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33091 HACA33096 Accessories HACA33091 HACA33091 HACA33096 Accessories HACA33091 HACA33096 Accessories HACA33091 HACA33096 Accessories HACA33091 HACA33096 CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33096 Accessories HACA33091 HACA33096 Accessories HACA33091 HACA33096 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA3305 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° REMOTE SENSOR (EC) HACA3307 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER (PROGRAMED AT FACTORY)	CASPIAN FF/EXT/SL/TT 180 PLINTH BLACK	HACA33081	HACA33086	
CASPIAN FF/EXT/SL/TT 120 PLINTH WHITE HACA33089 HACA33094 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33091 HACA33096 Accessories HACA33091 HACA33096 Accessories Product Codes FLEXIBLE HOSES 22MM PAIR HAGA95003 ROOM THERMOSTAT HARD WIRED HAGA95001 ROOM THERMOSTAT TAMPER PROOF HAGA95004 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA33095 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° REMOTE SENSOR (EC) HACA3307 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33126	CASPIAN FF/EXT/SL/TT 60 PLINTH WHITE	HACA33087	HACA33092	
CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE HACA33090 HACA33095 CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33091 HACA33096 Accessories Product Codes FLEXIBLE HOSES 22MM PAIR HAGA95003 ROOM THERMOSTAT HARD WIRED HAGA95001 ROOM THERMOSTAT TAMPER PROOF HAGA95004 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA33005 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° REMOTE SENSOR (EC) HACA33037 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33126	CASPIAN FF/EXT/SL/TT 90 PLINTH WHITE	HACA33088	HACA33093	
CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE HACA33091 HACA33096 Accessories Product Codes FLEXIBLE HOSES 22MM PAIR HAGA95003 ROOM THERMOSTAT HARD WIRED HAGA95001 ROOM THERMOSTAT TAMPER PROOF HAGA95004 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA33095 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° REMOTE SENSOR (EC) HACA3307 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33126	CASPIAN FF/EXT/SL/TT 120 PLINTH WHITE	HACA33089	HACA33094	
Accessories Product Codes FLEXIBLE HOSES 22MM PAIR HAGA95003 ROOM THERMOSTAT HARD WIRED HAGA95001 ROOM THERMOSTAT TAMPER PROOF HAGA95004 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA33005 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° REMOTE SENSOR (EC) HACA33037 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33126	CASPIAN FF/EXT/SL/TT 150 PLINTH WHITE	HACA33090	HACA33095	
FLEXIBLE HOSES 22MM PAIR HAGA95003 ROOM THERMOSTAT HARD WIRED HAGA95001 ROOM THERMOSTAT TAMPER PROOF HAGA95004 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA33005 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° REMOTE SENSOR (EC) HACA33037 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33126	CASPIAN FF/EXT/SL/TT 180 PLINTH WHITE	HACA33091	HACA33096	
ROOM THERMOSTAT HARD WIRED HAGA95001 ROOM THERMOSTAT TAMPER PROOF HAGA95004 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA33005 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° REMOTE SENSOR (EC) HACA33037 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER (PROGRAMMED AT FACTORY) HACA33126	Accessories	Product Codes		
ROOM THERMOSTAT TAMPER PROOF HAGA95004 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA33005 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° REMOTE SENSOR (EC) HACA33037 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER (PROGRAMMED AT FACTORY) HACA33126	FLEXIBLE HOSES 22MM PAIR	HAGA95003		
CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC) HACA33005 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° REMOTE SENSOR (EC) HACA33037 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER (PROGRAMMED AT FACTORY) HACA33126	ROOM THERMOSTAT HARD WIRED	HAGA95001		
CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° REMOTE SENSOR (EC) HACA33037 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER (PROGRAMMED AT FACTORY) HACA33126	ROOM THERMOSTAT TAMPER PROOF	HAGA95004		
CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC) HACA33117 CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER (PROGRAMMED AT FACTORY) HACA33126	CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° INTEGRAL (EC)	HACA33005		
CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR (EC) HACA33118 BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER (PROGRAMMED AT FACTORY) HACA33126	CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 15°-25° REMOTE SENSOR	HACA33037		
BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER (PROGRAMMED AT FACTORY) HACA33126	CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° INTEGRAL (EC)	HACA33117		
	CASPIAN PROPORTIONAL HEAT OUTPUT CONTROLLER 11°-21° REMOTE SENSOR	HACA33118		
CASPIAN ADJUSTABLE LOW TEMPERATURE CUT-OUT (EC AND AC) HACA33001	BLANK CONFIGURABLE PROPORTIONAL HEAT OUTPUT CONTROLLER (PROGRAMI	HACA33126		
	CASPIAN ADJUSTABLE LOW TEMPERATURE CUT-OUT (EC AND AC)	HACA33001		
CASPIAN EXTERNAL CONTROL HARNESS (EC) HACA33004	CASPIAN EXTERNAL CONTROL HARNESS (EC)	HACA33004		
CASPIAN EC LINKING KIT (MASTER/SLAVE) HACA33068	CASPIAN EC LINKING KIT (MASTER/SLAVE)	HACA33068		
CASPIAN REMOTE SWITCHING ON/OFF RELAY (24V AC COIL) HACA33127	CASPIAN REMOTE SWITCHING ON/OFF RELAY (24V AC COIL)	HACA33127		
CASPIAN THERMOSTAT (T1) & AUTO-SPEED CONTROL (T2) (AC LOW LEVEL) HACA33003	CASPIAN THERMOSTAT (T1) & AUTO-SPEED CONTROL (T2) (AC LOW LEVEL)	HACA33003		
CASPIAN THERMOSTAT (T1) (EC & AC LOW LEVEL) HACA33002	CASPIAN THERMOSTAT (T1) (EC & AC LOW LEVEL)	HACA33002		
CASPIAN THERMOSTAT (T2) (AC LOW LEVEL) HACA33036	CASPIAN THERMOSTAT (T2) (AC LOW LEVEL)	HACA33036		

As part our commitment to continuous improvement Smith's Environmental Products may change the specifications of its products without prior notification or public announcement. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All dimensions are in mm unless otherwise stated. Please visit our website for the most up to date information. Issue 012 | April 2024 +44 (0) 1245 324 900 | sales@smithsep.co.uk | SmithsEP.co.uk

