

TECHNICAL DATA CSI 120T

RAVENHEAT

Natural Gas

CSI 120T

Nominal heat input net QMS		26.0 Kw
Minimum heat input net	Min	5.78 kW
Nominal heat output		25.7 kW
Minimum heat output	Min	5.72 kW
Nominal heat output condensing		28.8 kW
Minimum heat output condensing	Min	6.41 kW
Gas rate after 10 minutes	Max Min	2.7 m ³ /h 0.6 m ³ /h
Inlet pressure		20 mbar
Fan Speed C.H	Max Min	175 Hz / Burner % CO ² : G20 - 9.0 (+0.2 / -0.5) 47 Hz/ Burner % CO ² : G20 - 9.0 (+0.2 / -0.5)
Main burner injectors		Nr. 1 x 5.6
Electrical supply		230 V ~ 50 HZ
Power consumption		160 W
External fuse rating		3 A
Internal fuse		F1 - 3.15 A / F2 - 315 mA
Dry Weight		40 Kg
Water content C.H.		2.0 litre
Water content		0.5 litre
Gas supply connection		15mm compression isolating valve
Flow connection C.H.		22 mm compression isolating valve
Return connection C.H.		22 mm compression isolating valve
Inlet connection D.H.W.		15 mm compression isolating valve
Outlet connection D.H.W.		15 mm copper pipe
Condensation drain		¾" (21.5 mm) push fit
Max cold water capacity without additional expansion vessel 110 litre		
Safety discharge		15 mm copper pipe
Sealed water system C.H. max pressure PMS 2.5 bar Minimum working pressure 0.5 bar 7 litres expansion vessel pre-charge-pressure 0.5 bar		
Central heating operating temperature	Max Min	85 °C 40 °C
Design flow rate		1383 l/h 20 °C rise
Minimum flow rate C.H.		503 l/h
D.H.W flow rate	30 °C 35 °C 40 °C	15.4 l/min 13.2 l/min 11.5 l/min 10 °C inlet temperture
D.H.W. temperature	Max Min	60 °C 40 °C
Fan Speed D.H.W	Max	205 Hz - Min 47Hz
Qmw input net	Max	32.5 kW - Min 5.78 kW
D.H.W pressure PMW	Max Min	10 bar 0.8 bar
D.H.W minimum flow rate		3 l/min
Flue outlet nom. Diameter	100 mm	Specially supplied with boilers (if required)
Destination Category I2H		AT-DK-FI-SE
Destination Category I12H3+		GB, IE,CH,ES,IT,PT
Flue type		NOx 5 - C13 - C33 - C53