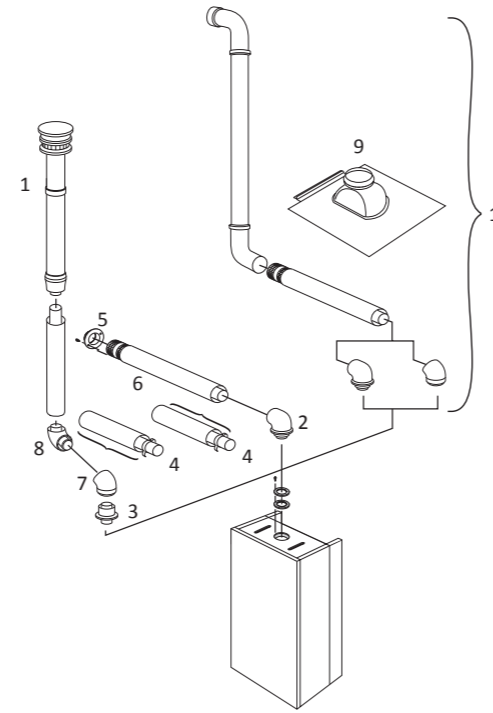


Flue Options

The CSI 85 AAA (T) 780 requires a standard 1 metre horizontal flue kit, or a vertical flue accessory kit which can be extended to 2.5 metres horizontal, or 3.5 metres vertical. The above flue arrangements should fit most requirements however; alternative systems (twin or 125mm) are available for longer flue distances on request.

10mm Concentric Flue System

Part	Description	Barcode	Ravenheat Part No
1	Vertical flue terminal kit	5060022141995	0019TER1102010
2	90 Degree boiler bend	5060022141209	CSIFB
3	Straight flue header	5060022141186	5094110B
4	1000mm Flue extension	5060022141339	PRFE
5	External flue collar	Supplied with no 6	SS
6	Horizontal flue kit	5060022141230	5780FKB
7	45 Deg in line bend	5060022141247	PR45FBI
8	90 Deg in line bend	5060022141063	PR90FBI
9	Vertical lead flashing	5060022141063	0019TEG06005
10	Plume kit	5060022143142	1019TER1101/0



Boiler Specification: Model CSI 85 AAA 780 Series

CENTRAL HEATING MAX-MIN NETT INPUT	kW	MODEL CSI85AAA	MODEL CSI 85AAA (T)
		22.6 – 11.6	22.6 – 116.6
OUTPUT	kW	22.3 – 11.4	22.3 – 11.4
DOMESTIC HOT WATER MAX-MIN INPUT	kW	26.0 – 11.6	26.0 - 11.6
DOMESTIC HOT WATER FLOW RATE RAISED 30°C Δt	l/Min	13.2	13.2
INLET TEMPERATURE 35°C Δt	l/Min	11.0	11.0
EXPANSION VESSEL	1	7/1	7/1
MAXIMUM CENTRAL HEATING TEMPERATURE	°C	85°	85°
CONNECTION HEATING FLOW & RETURN COMPRESSION	mm	22	22
GAS CONNECTION	mm	15	15
DOMESTIC SUPPLY (COLD) COMPRESSION	mm	15	15
DOMESTIC SUPPLY (HOT) COPPER	mm	15	15
CONDENSING PIPE ¾ PUSH FIT OVERFLOW PIPE			
FLUE SIZE	mm	100	100
ELECTRICAL MAINS SUPPLY		230V 50Hz FUSED 3amp	230V 50Hz FUSED 3amp
SEDBUK Nat Gas	%	90.1	90.1
LPG	%	92.1	92.1
Note: (T) denotes product with timer By-pass	Yes	Yes	08/10



CONDITIONS OF 3 YEAR WARRANTY – Boiler must be correctly installed. Boiler must be commissioned by a Gas Safe registered engineer. Boiler must be registered with Ravenheat upon purchase (so 3 year warranty can be activated, Band A models only). Boiler must be correctly maintained and serviced by a qualified, competent person. For any other information please refer to user guide and installation instructions.

Ravenheat is a member of the Benchmark initiative and fully supports the aims of the programme. Benchmark has been introduced to improve the standards of installation and commissioning of central heating systems in the UK and to encourage the regular servicing of all central heating systems to ensure safety and efficiency.

Ravenheat policy is one of continual improvement and development. We reserve the right to change specification without prior notice.



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 E-MAIL: SALES@RAVENHEAT.CO.UK



Innovating new technology into gas boilers



28 kW Advanced
 Combination
 Condensing
 Boiler

3 Year Guarantee*

11.0 Litres flow rate @ 35°C Rise

CSI 85 AAA (T)
 780 Series



Introducing the CSI 85 AAA 780 Series



The CSI 85 AAA (T) **780 Series** is the latest edition to our current range of reliable cost effective, high performance combi boilers. This model is an easy to install Sedbuk Band A rated, small economic energy saving boiler with atmospheric combustion. A distinguishing feature is the oval shape control panel, which is stylish and easy to clean with integrated side panels. Dimensions: 310 (D) x 770 (H) x 450mm (W).

Quality

Built to exacting ISO 9001 standards using quality components, all our boilers carry the European CE mark. Each Ravenheat appliance undergoes rigorous testing and operating procedure before being carefully packed for maximum protection, ready to leave our factory.

We only use high quality components from leading industry manufacturers:

Honeywell, Grundfos and Giannoni.

Easily installed neat connections



How does it work?

The CSI 85 AAA (T) 780 Series condensing combi works far more efficiently than traditional boilers. This boiler recovers most of its heat by condensing heat from the fumes allowing it to achieve over 90% Sedbuk efficiency. In other words it extracts more heat from a smaller quantity of fuel. The reason for this is a second aluminium heat exchanger. This increased efficiency is obtained by reducing the temperature of the flue gases to the point where water vapour produced during combustion is condensed out. This releases latent heat which would otherwise escape. By extracting the heat, the net result gives lower gas bills.

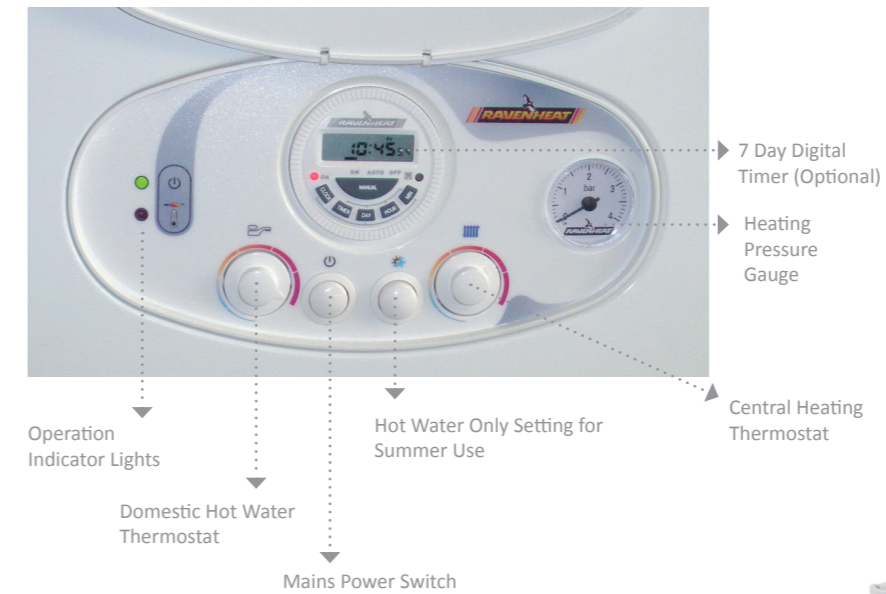
Enjoy the benefits:

- Over 90% Sedbuk efficiency
- Low cost hot water
- 100% Function tested
- Reduced heating bills by up to 35%
- Designed and manufactured in accordance with ISO 9001
- Built in automatic bypass
- Frost protection
- Optional Digital timer 7 day programmer
- Built in condensing trap
- 3 Year guarantee
- Available in Nat gas or LPG



Modern instrument panel with easy to set user controls for greater energy savings

Timer version (T) = Factory fitted timer



(Non-Timer model)



The RVHT 2 easily integrates into almost any manufacturers' combi boiler or, can replace a standard boiler time clock.

Technical After-Sales Service

Ravenheat have a technical helpline at its central headquarters in Leeds. Service engineers or their customers have the satisfaction of knowing they will receive advice, and the knowledge that one of Ravenheat's own technicians is on hand should an on-site visit be required. Ravenheat only used their own highly qualified technicians thereby ensuring the highest quality and most reliable customer care.

Ravenheat run their own unique comprehensive installer training programme working alongside the regulative bodies and trade associations. The training programme is open to any Gas Safe Registered installer. For further information about our training days simply contact us via our internet website www.ravenheat.co.uk or by requesting further information via e-mail: enquiries@ravenheat.co.uk.

New multi-fit Wireless Controller for higher efficiency

The wireless 7 day programmable room timer/thermostat is easy to install. Features include 7 day programmable settings and digital display with blue background LED light. It will enhance any domestic gas boiler, and controls the temperature more economically.

2 Models are available: Wall mounted RVHT 1 for the installation of receiver close to boiler, or RVHT 2 for integrated receiver which fits into the boiler control. Both model receivers come with built in manual override and LED display.

Models are available from your local plumbing and heating merchant.

Wall Mounted RVHT 1 Set



Receiver

Transmitter

Integral RVHT 2 Set



Receiver

Transmitter