

Compress 5800i AW heat pump Specifier guide

Quiet, compact, powerful



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The quietest heat pump we've ever made, this all-in-one monobloc heat pump is easy to install and easy to maintain.

With an all-in-one pre-plumbed cylinder option and a compact footprint, it's a sleek option for space-conscious customers.

Why choose the 5800i AW heat pump?



Quiet quality

Enjoy the peace with low noise



Compact

Modern design and simple to install



Powerful

High flow temperatures up to 75°C for UK homes



Feel good

R90 refrigerant has a low global warming potential score of only 3



Integrated

Integrated pre-plumbed cylinder option saves space and time



Design

All the style and maximum reliability you've come to expect from Bosch



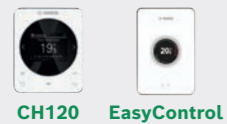
CS5800i outdoor units

Model	CS5800i 4 OR-S	CS5800i 5 OR-S	CS5800i 7 OR-S
Part number	8738213464	8738213465	8738213466
Power supply	230v	230v	230v
Dimension (WxHxD) mm	1100 x 800 x 540	1100 x 800 x 540	1100 x 800 x 540
Weight (Kg)	143	143	143
Clearances	Front: 2m (800mm*) Left/Right: 1m (2m to wall or 400mm*) Rear: 400mm (200mm*) *Minimum distance: The clearance can be reduced to the minimum clearance on one side and either the front or rear. There must be no house openings (windows, doors, light shafts) and electrical sources of ignition (sockets, lamps, electric switches) within the protected area.		
Sound power in accordance with EN 12102	40dB(A)	42dB(A)	42dB(A)
Fuse (A)	16	16	16
Refrigerant	R290	R290	R290
Max flow temperature	75°C	75°C	75°C
SCOP @ 35°C (MCS)	4.53	4.53	4.54
SCOP @ 45°C (MCS)	3.82	3.90	3.96
SCOP @ 55°C (MCS)	3.03	3.28	3.29
Max output @-7/35 [kW]	3.92	5.42	6.71
COP max output @-7/35	2.89	2.51	2.36
Max output @7/35 [kW]	4.99	6.80	7.97
COP max output @7/35	3.59	3.16	3.07
Nominal output @7/35 [kW]	2.84	2.84	2.84
COP nominal output @7/35	4.85	4.85	4.85

Optional heat pump controls



Hybrid heat pump system controls



Dimensions

Outdoor unit
 Height: 800mm
 Width: 1100mm
 Depth: 540mm

Indoor unit
 Height: 710mm
 Width: 400mm
 Depth: 300mm

For Pre-plumbed cylinder dimensions please see our website.

System set-ups

The following information shows some possible system configurations.

Hybrid heat pump system

Outdoor unit, with hybrid unit, combi boiler*, and system controller.



Heat pump system

Outdoor unit with pre-plumbed cylinder.



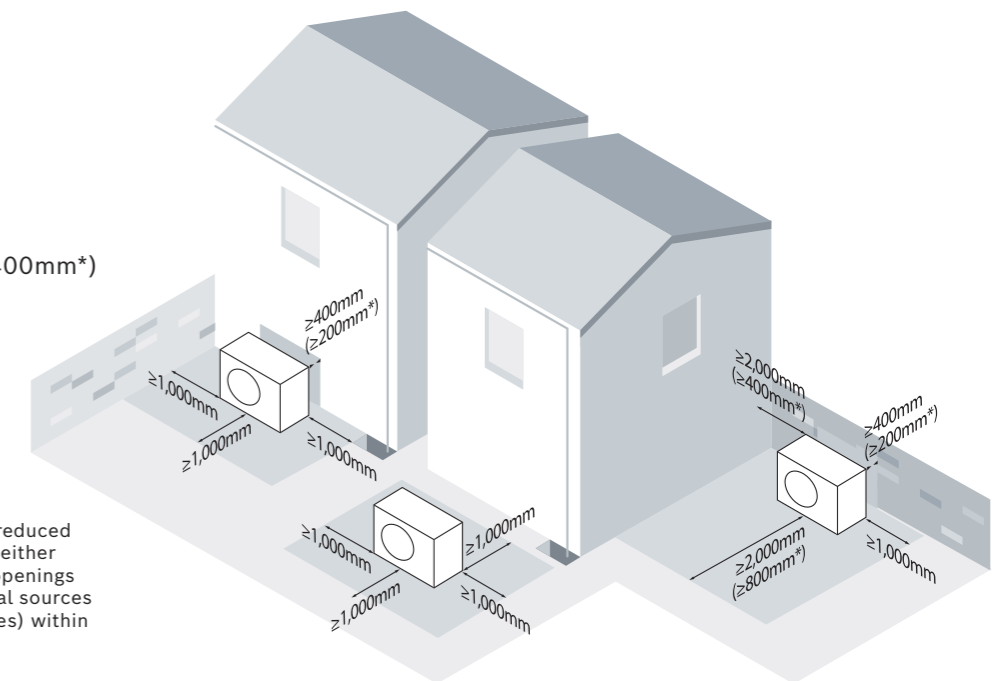
Heat pump system

Outdoor unit with indoor unit and cylinder.



Clearances

Front: 2,000mm (800mm*)
 Rear: 400mm (200*)
 Left/Right: 1,000mm
 (2,000mm to wall or 400mm*)



*Minimum distance: The clearance can be reduced to the minimum clearance on one side and either the front or rear. There must be no house openings (windows, doors, light shafts) and electrical sources of ignition (sockets, lamps, electric switches) within the protected area.



For more information, scan the QR code to visit our website.

*New or existing Greenstar Combi 8000 & 8000+ range, 4000, 2000, 1000, CDI Compact, CDI Classic, Si Compact and i ERP.

Training

Ready for a heating revolution?

Wherever you are in your electrified home heating journey, from starting out to adding to your heat pump expertise, we can support you.

Heat pumps should only be installed, brought into operation and maintained by a competent professional. F-Gas certification required for installation of the CS3400i.

Start your journey with us

Becoming MCS certified is a mark of your excellence as an installer. We're here to support you with our range of MCS courses including:

- ▶ Water regulations certification (WRAS) course
- ▶ Level 3 Award Low temperature heating and hot water systems in dwellings
- ▶ Level 3 Award RQF installation and maintenance of air source heat pump systems

Our product training courses will help you get hands-on experience and understand all the features and benefits, specification, installation, and servicing.

Get in touch

Sales

Tel: 0330 123 9669

Email: sales.bosch@uk.bosch.com

Technical Helpline (Pre & Post Sales)

Tel: 0330 123 3366

Email: technical-advice@uk.bosch.com

Spare Parts

Tel: 0330 123 9779

Email: spares.mailbox@uk.bosch.com

Worcester Bosch

Cotswold Way
Warndon
Worcester
WR4 9SW

worcester-bosch.co.uk

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