

# Compress 2000 Installer guide

Simple, affordable heating

**7**  
Year  
Guarantee\*



Installer  
guide

# Compress 2000 AWF

## Big on performance, small on space

The CS2000 AWF is an all-in-one full monobloc heat pump, built to speed up and simplify installation. With a volume of less than 0.6 cubic meters\*, planning permission isn't typically required, making it perfect for renovations and new builds.

With flexible outputs ranging from 4-30kW, adjustable sound levels, efficient operation, and simple controls – give your customers the heating reliability they're used to, with a smaller carbon footprint.



 **Trustpilot**  
Our customers rate us excellent

## Why install the Compress 2000 AWF?



**Guaranteed**  
7 years peace of mind\*



**Easy installation**  
With all-in-one monobloc design



**Flexible outputs**  
4-30kW with cascading options



**Efficient**  
Up to A+++ efficiency rating



**Easy access**  
Service and maintain with ease



**Accessory availability**  
Add to the configuration



# All-in-one full monobloc

## Simple space-saving with no indoor unit



Built for tight spaces and tighter budgets, this compact and efficient heat pump has output options from 4-16kW single-phase and 18-30kW three-phase, meaning ultimate flexibility for your customers' homes.

With adjustable sound levels reaching as low as 53dB and a reduced installation footprint, the CS2000 AWF is perfect for smaller homes, busy neighbourhoods, and renovations or new builds.

Plus, you can cascade up to six units to generate up to 180kW, offering complete flexibility for your customer's needs all-year-round.

### Why choose Worcester Bosch?



#### Tried and tested

With over 15 years of expertise, Bosch is an established leader in heat pumps.



#### Get ahead

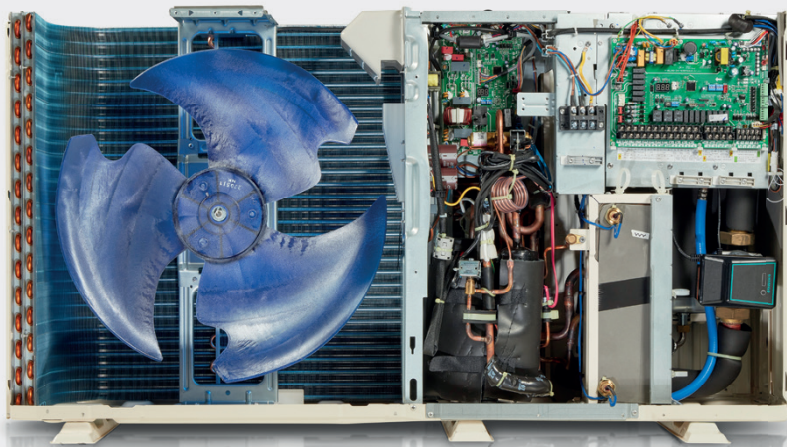
Training and support to go from newbie to expert.



#### End-to-end support

We've got your back – with marketing, technical, and design teams always on-hand.

# Simplicity and efficiency all-in-one



## A heat pump for all

With an easy and simple monobloc design, the CS2000 AWF is perfect for first-time installers or those on a tight schedule. With less training and fewer tools required, and no need for an F-Gas qualification, this heat pump is an installer's dream.

## Flexible outputs

With outputs ranging from 4kW to 16kW in single-phase and 18kW to 30kW in three-phase (not to mention the ability to cascade up to 6 units for a combined output of up to 180kW) this really is a heat pump for all properties.



## Quick and easy to install

The CS2000 AWF is an all-in-one, full monobloc solution with a single outdoor unit and no indoor units at all. Easy and fast to install, and with a volume of less than 0.6 cubic meters, in most scenarios this heat pump doesn't need any planning permission\*.



## Easy access

With many key components contained in the outside unit (like pump, expansion vessel, and heat exchanger), this is your one-stop-shop for simple maintenance. Plus, plenty of space and easy access with just a few screws to open the control box.



## All under control

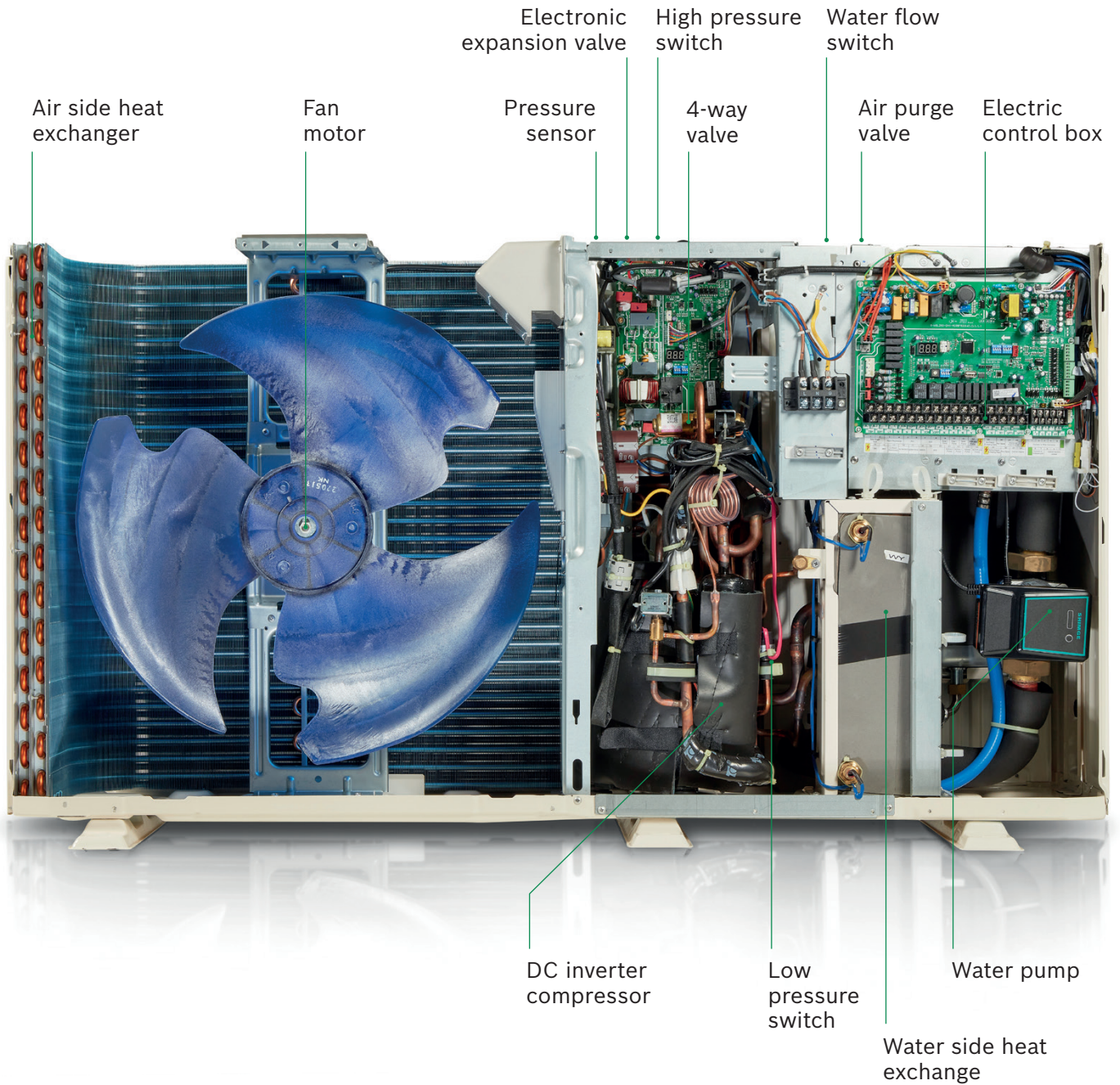
Customers can take control of their home heating with the included Controller – complete with integrated temperature sensor, zone thermostat function, two-zone system management, automatic weather sensors, and more.

## Flow temperatures up to 65°C

The CS2000 AWF has a flow temperature of up to 65°C and uses a safe and environmentally friendly R32 Refrigerant – making it the perfect solution for new build properties and renovations.



# The inside story



**Simple to install and space-saving, the Compress 2000 AWF is great for experienced and new installers.**

Colin Simpson, Worcester Bosch Product Manager

# Technical data

Outdoor unit CS2000 AWF 7 738 602 ...	...277 4 R-S	...278 6 R-S	...279 8 R-S	...280 10 R-S	...281 12 R-S	...282 14 R-S	...283 16 R-S
Heating capacity for A-7/W35	4.7kW	6kW	7kW	8kW	10kW	12kW	13.1kW
COP for A7/W35	5.1	4.95	5.15	4.95	4.95	4.6	4.5
ERP class/Etas acc. to EN14825 (55 °C)	A++	A++	A++	A++	A++	A++	A++
ERP class/Etas acc. to EN14825 (35 °C)	A+++	A+++	A+++	A+++	A+++	A+++	A+++
Refrigerant	R32	R32	R32	R32	R32	R32	R32
Max. supply flow temp	65°C	65°C	65°C	65°C	65°C	65°C	65°C
Max. sound at A7/W55	55dB(A)	58dB(A)	59dB(A)	60dB(A)	65dB(A)	65dB(A)	68dB(A)
Max. sound at A7/W55 in silent mode	53dB(A)	55dB(A)	54dB(A)	55dB(A)	59dB(A)	59dB(A)	59dB(A)
Outdoor unit weight	86kg	86kg	105kg	105kg	129kg	129kg	129kg
Dimensions (w x d x h)	1295 x 400 x 717mm			1385 x 445 x 864mm			
Power supply	230V	230V	230V	230V	230V	230V	230V

Outdoor unit CS2000 AWF 7 738 602 ...	...287 18 R-T	...288 22 R-T	...289 26 R-T	...290 30 R-T
Heating capacity for A-7/W35	18kW	21kW	22kW	23kW
COP for A7/W35	4.7	4.4	4.08	3.91
ERP class/Etas acc. to EN14825 (55 °C)	A++	A++	A+	A+
ERP class/Etas acc. to EN14825 (35 °C)	A+++	A+++	A+++	A++
Refrigerant	R32	R32	R32	R32
Max. supply flow temp	65°C	65°C	65°C	65°C
Max. sound at A7/W55	70dB(A)	72dB(A)	74dB(A)	77dB(A)
Max. sound at A7/W55 in silent mode	63dB(A)	62dB(A)	70dB(A)	73dB(A)
Outdoor unit weight	177kg	177kg	177kg	177kg
Dimensions (w x d x h)	1120 x 400 x 1557mm			
Power supply	400V	400V	400V	400V

Related accessories	Part number
Hose kit 300mm 1", 4-6kW	7-738-602-359
Hose kit 300mm 1 ¼" , 8-30kW	7-738-602-360
DHW temperature sensor, 30m	7-738-602-364
DHW temperature sensor, 10m	7-738-602-363
System freeze protection kit, 4-6kW	7-738-602-366
System freeze protection kit, 8-16kW	7-738-602-367
System freeze protection kit, 18-30kW	7-738-602-368
Floor antivibration kit, 4-16kW	7-738-602-372
Floor antivibration kit, 18-30kW	7-738-602-377
Double zone distribution unit: direct + mixed (with mixing valve)	7-738-602-361

Related accessories	Part number
Double zone distribution unit: direct + mixed	7-738-602-362
1-Phase electric back-up heater	7-738-602-369
3-Phase electric back-up heater	7-738-602-370
Drain pan for condensate	7-738-602-371
Wall antivibration kit, 4-16kW	7-738-602-373
Wall antivibration kit, 18-30kW	7-738-602-378
Wall mounting brackets	7-738-602-374
3-Way valve, 4-6kW	7-738-602-375
3-Way valve, 8-16kW	7-738-602-524
3-Way valve, 18-30kW	7-738-602-525



# Training

## Ready for a heating revolution?

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

## 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.

Installing heat pumps doesn't need a specific qualification, but our complementary product training 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](mailto:sales.bosch@uk.bosch.com)

### Technical Helpline (Pre & Post Sales)

Tel: 0330 123 3366

Email: [technical-advice@uk.bosch.com](mailto:technical-advice@uk.bosch.com)

### Spare Parts

Tel: 0330 123 9779

Email: [spares.mailbox@uk.bosch.com](mailto:spares.mailbox@uk.bosch.com)

### Worcester Bosch

Cotswold Way  
Warndon  
Worcester  
WR4 9SW

[worcester-bosch.co.uk](http://worcester-bosch.co.uk)

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## Not MCS certified?






We can support you with unlocking government grants and extended guarantees.

If MCS isn't right for your business right now, you can use our third party MCS umbrella scheme – who will handle the design, training and MCS accreditation paperwork to enable your customer to apply for government grants.

Contact our pre-sales team to find out more:  
**0330 123 3366**

## Share

We would love to see your installations!

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