



BOSCH

Compress 3400i Installer guide

Super efficient and flexible

7
Year
Guarantee*



Installer
guide

 **Trustpilot**
Our customers rate us excellent

Compress 3400i AWS

Flexible, future-proofed heating

Simple, space-saving, and speedy to install – the CS3400i AWS is new build and renovation-friendly, designed to suit most Irish homes. Supplying all the heating and hot water your customers need, in a much greener way.

Available in power outputs ranging from 4kW to 10kW as a heat pump, or 4kW to 8kW as a hybrid solution, this is the ace up your sleeve for customers on-the-fence about renewables.



Why install the Compress 3400i AWS?



Guaranteed

7 years peace of mind for you and your customers*



Super quiet

At 51dB, it's no louder than a dishwasher



Fits almost anywhere

Wall or floor mount, or install 30m away from the indoor unit



Planning exempt

Typically the outdoor unit needs no permission



Connected

Remote monitoring with optional Connect-Key K30



High output

Up to 60 degrees max. flow with energy efficient R32 refrigerant

Split air to water

Quiet, compact and flexible



Compact enough to be missed, quiet enough to go unnoticed, the CS3400i AWS pairs an indoor and outdoor unit together. Instead of a larger monobloc design, this smaller and flexible to site unit is the perfect fit for busier neighbourhoods. And there's a much wider choice of where you can install, as the unit typically requires no planning permission.

More flexibility comes in the range of more power outputs, from 4kW to 10kW, and the ability to choose between a standard wall-mounted setup or a hybrid solution – giving your customers the benefit of hybrid heating during cold snaps.

Why choose 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.

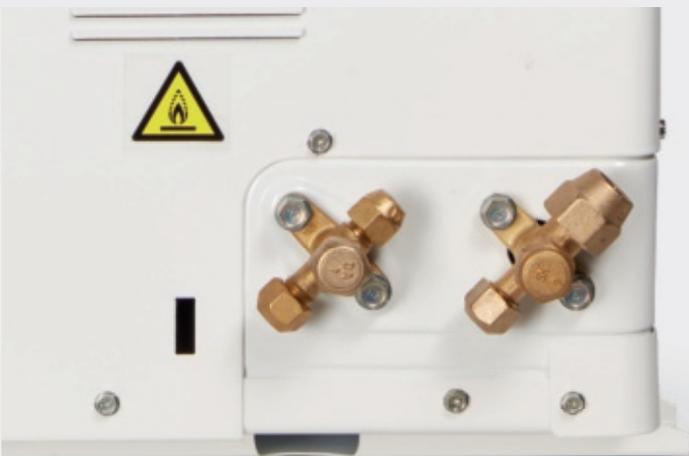
Simple to install

Easy to control



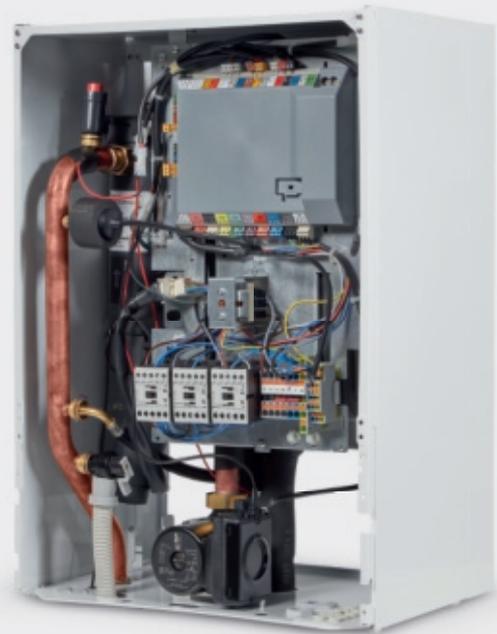
Simple indoor unit

All essential system components in one place, including expansion vessel, pump, valves, and inline water heater, which provides a fail-safe back-up when the weather is at it's coolest.



Lightweight and compact

Small and easy to handle, including wall-mounted options, making your installation simpler and your customer's set-up quicker.



Easy refrigerant connections and valves

Both units come pre-filled and, once connected, can be easily directed into refrigerant pipes.

Simple wiring

Both the CS3400i indoor unit and outdoor unit are easily connected to a power supply and connected together by a communication cable.



Hello hybrid heating

Bring boilers and heat pumps together with the hybrid unit that can be coupled with our 4-8kW outdoor units.

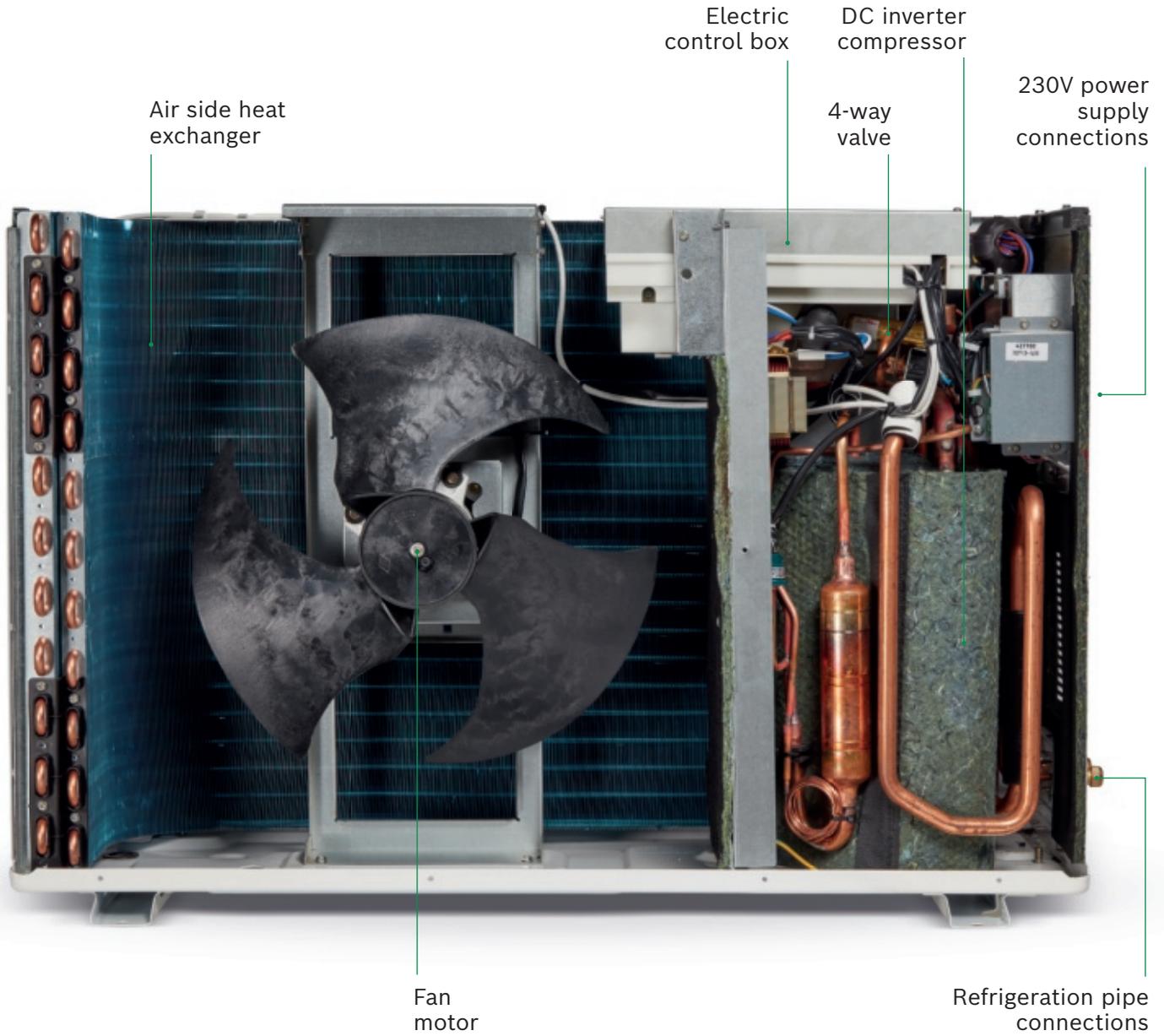


Connected and easy

HPC 410 control as standard, for simpler commissioning. Plus simple customer controls, compatible with Connect-Key K30 and HomeCom Easy app for remote monitoring and total peace of mind.

Outdoor unit

The inside story



Small but mighty, with hybrid compatibility and flexible siting options for your customers.

Dr Navid Khordehgah, Bosch Product Manager

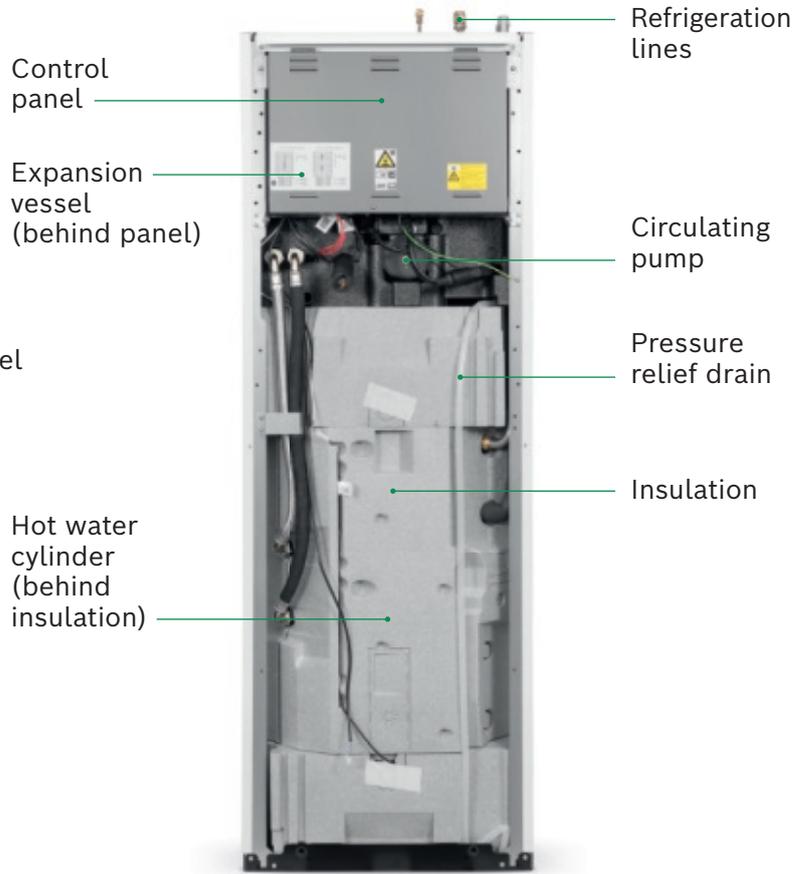
Indoor heat pump units

The inside story

This all-in-one **freestanding tower unit** includes a 190 litre hot water storage cylinder with key system components.



HPC 410 control panel



Control panel

Expansion vessel (behind panel)

Hot water cylinder (behind insulation)

Refrigeration lines

Circulating pump

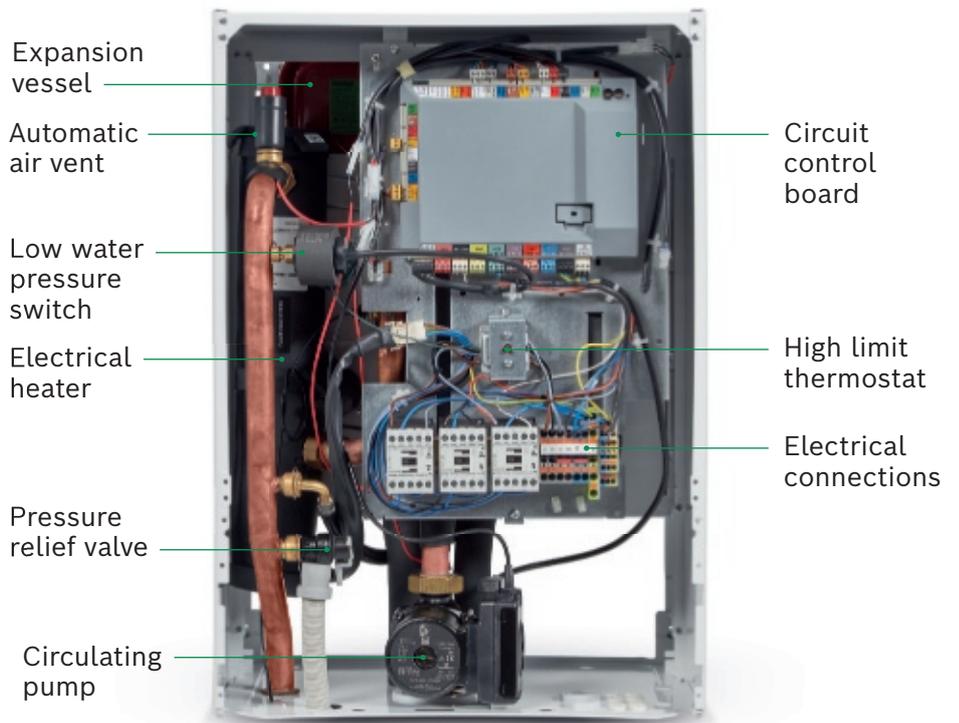
Pressure relief drain

Insulation

This **wall-mounted unit** offers a flexible range of options in combination with various hot water storage solutions.



HPC 410 control panel



Expansion vessel

Automatic air vent

Low water pressure switch

Electrical heater

Pressure relief valve

Circulating pump

Circuit control board

High limit thermostat

Electrical connections

Indoor hybrid unit

The inside story



Control panel

Automatic
air vent

Low loss header
(behind control
board)

Mixing valve

Sensor
connections

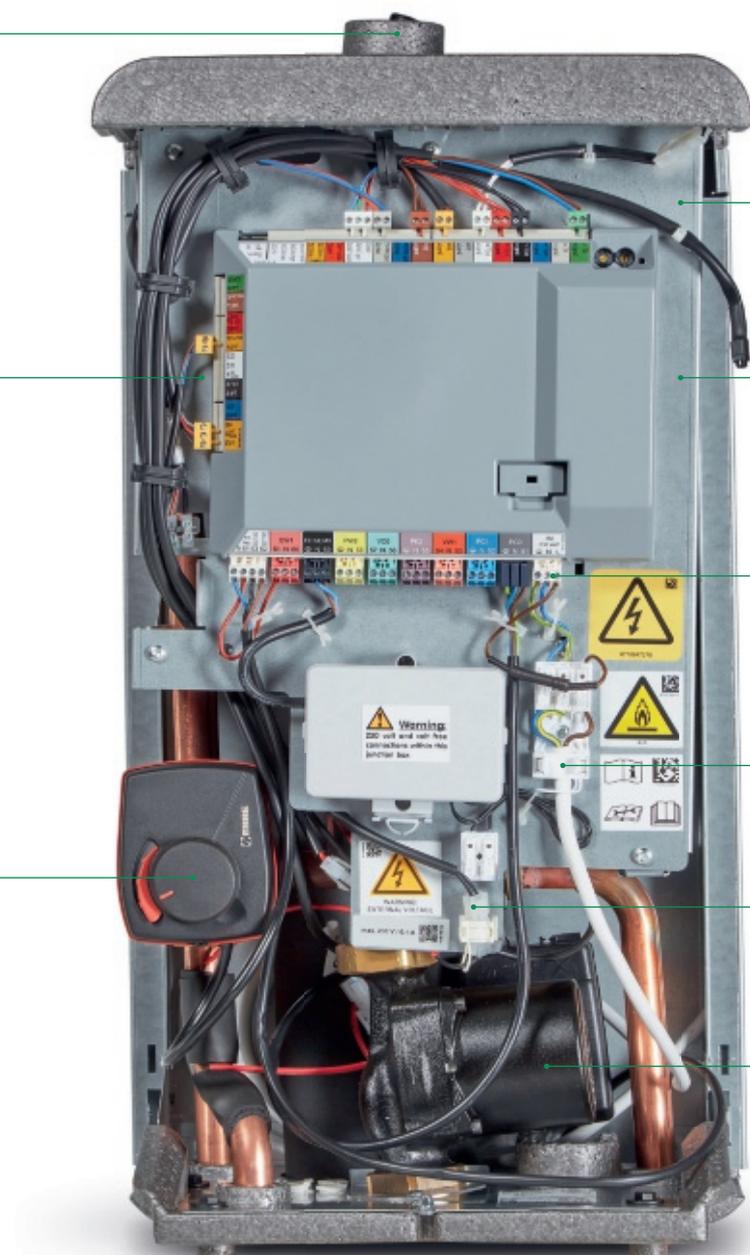
Circuit
control board

230V connections

230V power supply

230V or volt free
connection to boiler

Circulating pump



System options

Flexible and future-ready, the CS3400i is available in 4 outputs: 4, 6, 8 and 10kW, and as a heat pump for a hybrid heat pump system set-up (4-8kW), making it a great choice for many homes.

Heat pump system



Heat pump system



Hybrid system – with combi boiler*



Hybrid system – with system boiler**



*Compatible with natural gas, LPG and oil boilers.

**Compatible with natural gas and LPG boilers with integral diverter valve.

Technical data



Outdoor units	4 OR-S 8 750 722 680	6 OR-S 8 750 722 681	8 OR-S 8 750 722 682	10 OR-S 8 750 722 683
Heating capacity for A-7/W35	4.3	5.1	6.2	6.9
COP for A7/W35	4.68	4.75	4.70	4.43
ERP class/Etas acc. to EN14825 (55 °C)	A++ (125%)	A+ (122%)	A++ (126%)	A++ (126%)
ERP class/Etas acc. to EN14825 (35 °C)	A+++	A+++	A+++	A+++
Refrigerant	R32	R32	R32	R32
Max. supply flow temperature (up to A-7 °C)	60°C	60°C	60°C	60°C
Sound power level*	61dB(A)	59dB(A)	59dB(A)	59dB(A)
Max. sound power level during the night (incl. tonality)	58dB(A)	56dB(A)	56dB(A)	57dB(A)
Outdoor unit weight	50kg	66kg	66kg	66kg
Dimensions (W x D x H) mm	976x380x609	975x380x864	975x380x864	975x380x864
Power supply	230V	230V	230V	230V

*In accordance with EN12102 (normal output with A7/W55).

Freestanding indoor tower unit	AWM 4-10 8 738 213 440
Dimensions (W x D x H) mm	600x660x1800
Weight	136kg
Electric booster heater	6kW
Expansion vessel	13.5L



Wall-mounted indoor unit	AWS 10E 7 738 602 259
Dimensions (W x D x H) mm	485x398x700
Weight	41kg
Electric booster heater	2-6kW
Expansion vessel	8L



Hybrid indoor unit	Hybrid AWS 8 738 808 679
Dimensions (W x D x H) mm	350x243x757
Weight	22kg



Accessories

	Related accessories	Part number
HP Cylinders	Green Storage WB Range Heat Pump Cylinder 150	7-733-601-189
	Green Storage WB Range Heat Pump Cylinder 180	7-733-601-333
	Green Storage WB Range Heat Pump Cylinder 210	7-733-601-334
	Green Storage WB Range Heat Pump Cylinder 250	7-733-601-335
	Green Storage WB Range Heat Pump Cylinder 300	7-733-601-336
Buffer Tanks	50l Buffer vessel	7-716-161-061
	120l Buffer vessel	7-735-500-777
Control	Bosch CR10H (room thermostat)	7-738-112-314
Accessories	MM100 Mixer	7-738-110-140
	Bracket Kit for MM100	8-738-205-073
	3 Way Valve 28mm (Moulded)	8-738-213-355
	3 Way Valve 22mm (Moulded)	8-738-213-356
	Cable CANbus 15m 2x2x0,75	8-738-206-183
	Cable CANbus 30m 2x2x0,75	8-738-206-184
	Hybrid Filter Set	7-736-604-293
	DHW /Flow Sensor 4m	8-738-206-017
	Sensor 4m T1/T4 Nr.1133	7-719-002-853
	Pipe Refrigerant 1/2_1/4 10m	7-733-701-502
	Pipe Refrigerant 1/2_1/4 20m	7-733-701-503
	Kit Refrigerant Pipe 1/4_5/8 20m	7-716-842-659
	Heating Cables	7-738-602-276
	Floor Mounting Kit	7-716-161-065
	Wall Mounting	7-747-222-358
	Connect Key Set K30	8-750-742-716
	Pump Group	Pump Group HS25/6 s BO
Pump Group HS25/6 BO		7-733-601-144
Pump Group HSM25/6 BO		7-733-601-148
Pump Group HS25/6 MM100 BO		7-733-601-151
Pump Group HSM25/6 MM100 BO		7-733-601-155
Pump Group Accessories	Accessory HKV 2/25/25 Manifold for 2 Pump Groups	8-718-599-377
	Accessory HKV 2/25/32 Manifold for 3 Pump Groups	8-718-599-379
	Accessory WHY/HKV 2/25/25 Manifold for 2 Pump Groups with LLH	8-718-599-383
	LLH Accessory WHY DN25	8-718-599-384
	Standalone LLH Accessory WHY 80/60	8-718-599-385
	Wall Hung Installation Set 1	6-790-047-0
	Wall Hung Installation Set 2 (Heating Circuit)	6-790-047-1
	Wall Hung Installation Set 3	6-790-047-2
Thermocouple TB1	7-719-002-255	

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.

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

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



Explore our product training

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We would love to see your installations!

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Bosch Home Comfort

Cotswold Way
Warndon
Worcester
WR4 9SW

worcester-bosch.ie

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