



Compress 3400i

System schematic and wiring diagrams

4kW to 10kW.





Compress 3400i 4-10kW

With buffer System Wiring

CS3400i AWS 1 x rad, DHW, buffer and CR11H

CS3400i AWS 1 x rad, DHW, buffer and 3rd party controls

CS3400i AWS 1 x UFH, buffer and 3rd party controls

CS3400i AWS 1 x UFH, DHW, buffer and 3rd party controls

CS3400i AWS 2 x rad, DHW, buffer and 3rd party controls

CS3400i AWS 2 x UFH, DHW, buffer and 3rd party controls

With no buffer

CS3400i AWS 1 x rad, DHW, no buffer and CR11H

CS3400i AWS 1 x rad, DHW, no buffer and 3rd party controls

CS3400i AWS 1 x UFH, DHW, no buffer and CR11H

CS3400i AWS 1 x UFH, DHW, no buffer and 3rd party controls



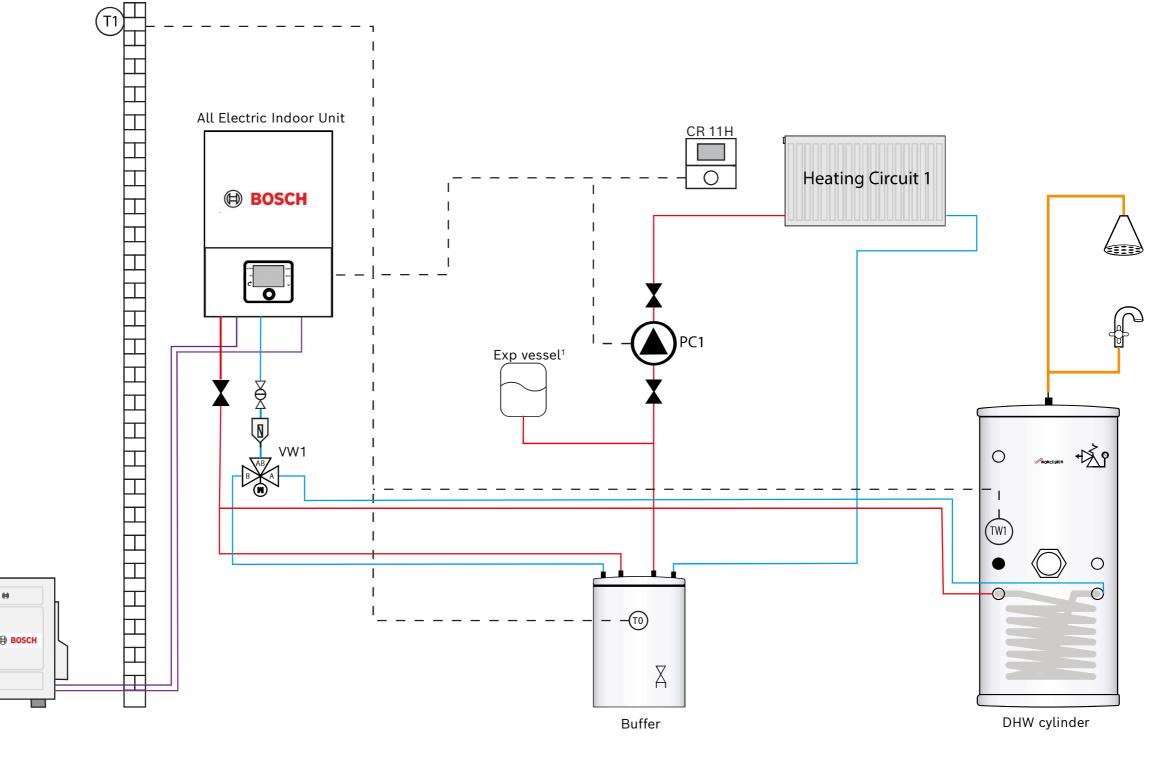
✓WORCESTER ⊕ BOSCH CS3400i AWS 1 x rad, DHW, buffer and CR11H



Key	Description
T	T1, T0 and TW1 sensors
M	Isolation valve
X	Drain off valve
丛	Filling valve
%	Three port valve
Ø	Magnetic filter
$\overline{\triangle}$	Non return valve
	3rd party controls
	Pump
<u></u>	Pressure gauge
	Strainer
®	Two port valve
	Shut off filter valve

T1 Sensor to be fitted on North facing wall where possible. Please refer to installation manual for guidance

Exp vessel¹ if required



All electrical work should be carried out by a registered engineer. Wiring must comply with the latest IET wiring regulations.

Isolate the mains electricity supply before starting any work and observe all relevant safety precautions. Refer to all relevant product installation manuals for safety and installation instructions. Whilst it is always our intention to fully assist, it is essential to recognise that all information given by the company is provided in good faith and based upon the information available. Connection labels may not match those of the products installed on site. We recommend that advice should always be checked with your installer, electrician or the manufacturer of the product in question. Consequently, the company cannot be held responsible for any liability relating to the use or repetition of such information or part thereof. In addition, whilst making every reasonable effort to monitor the performance and quality of our supply, installation and service network, we do not accept responsibility for the workmanship or operation of any third party company.

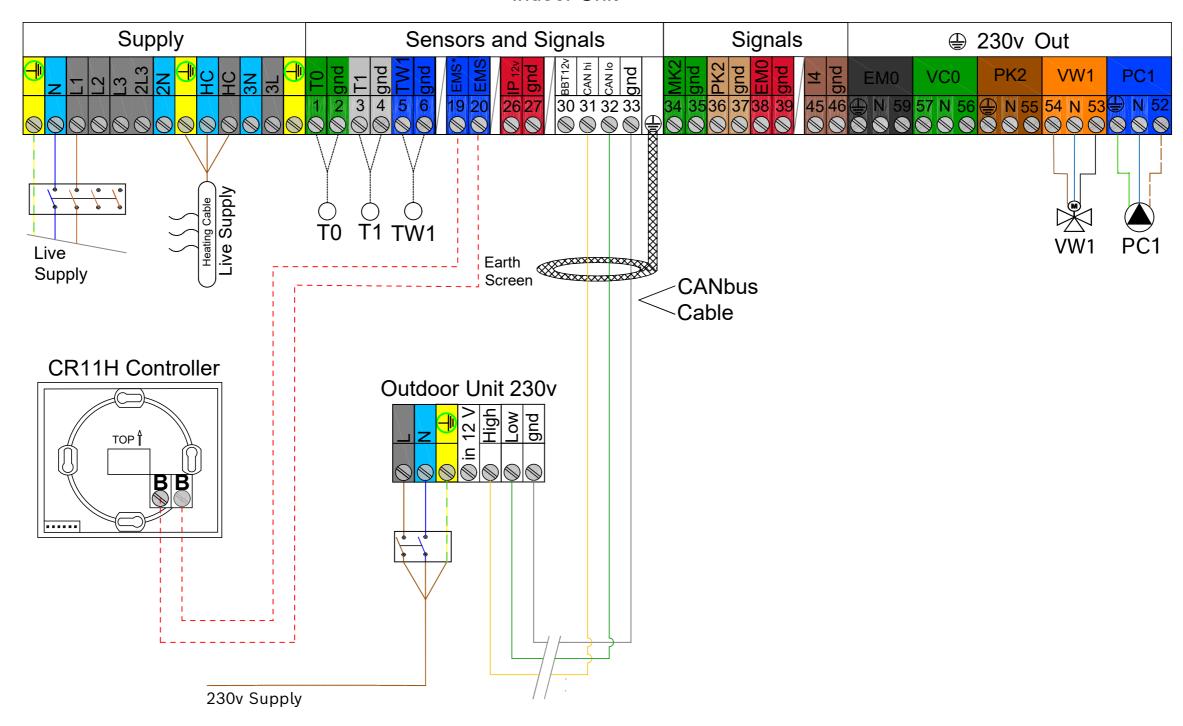




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Indoor Unit



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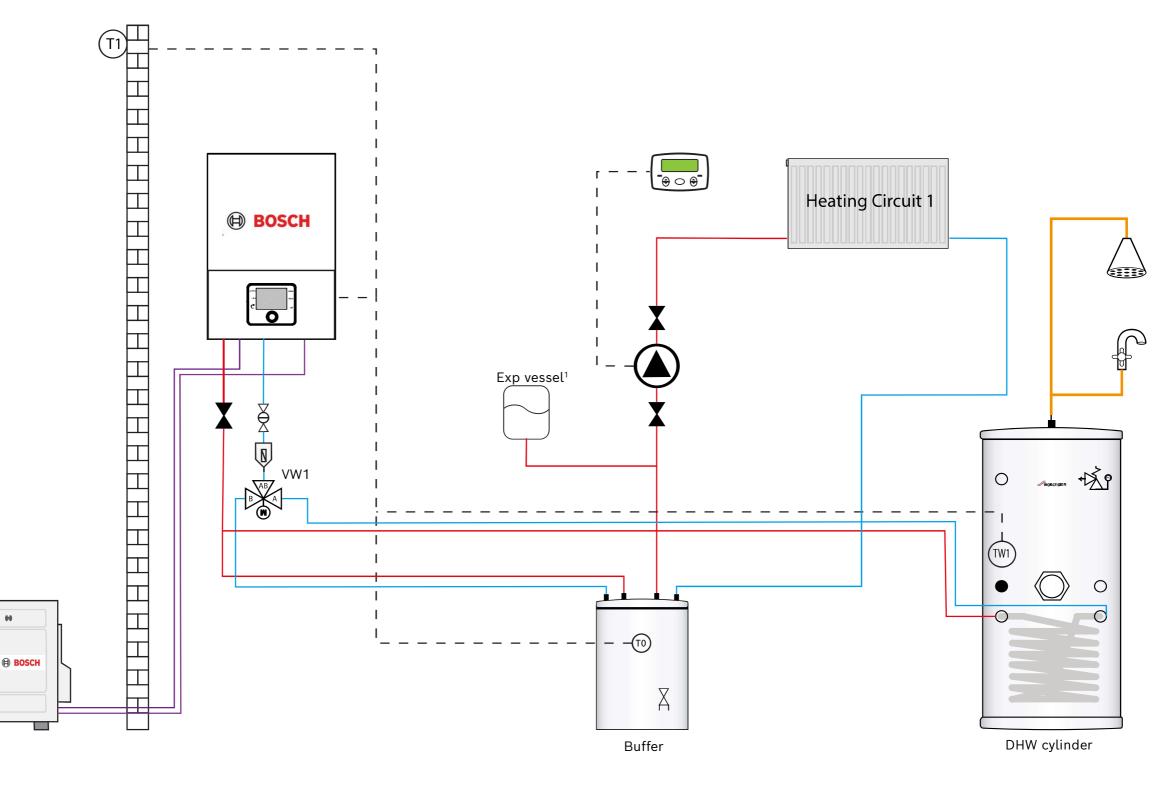
WORCESTER (H) BOSCH CS3400i AWS 1 x rad, DHW, buffer and 3rd party controls



Key	Description
T	T1, T0 and TW1 sensors
	Isolation valve
X	Drain off valve
M	Filling valve
<u></u>	Three port valve
Ø	Magnetic filter
\Box	Non return valve
**	3rd party controls
	Pump
<u></u>	Pressure gauge
	Strainer
	Two port valve
	Shut off filter valve

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Exp vessel¹ if required



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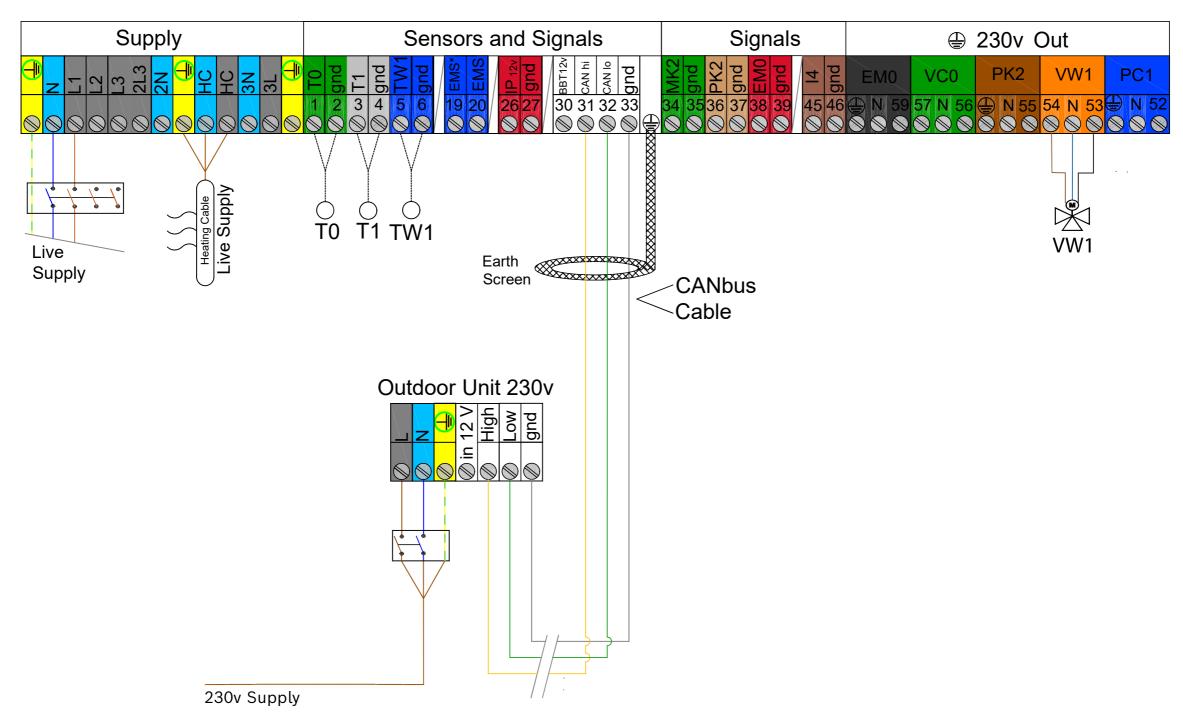




WORCESTER (B) BOSCH CS3400i AWS 1 x rad, DHW, buffer and 3rd party controls



Indoor Unit



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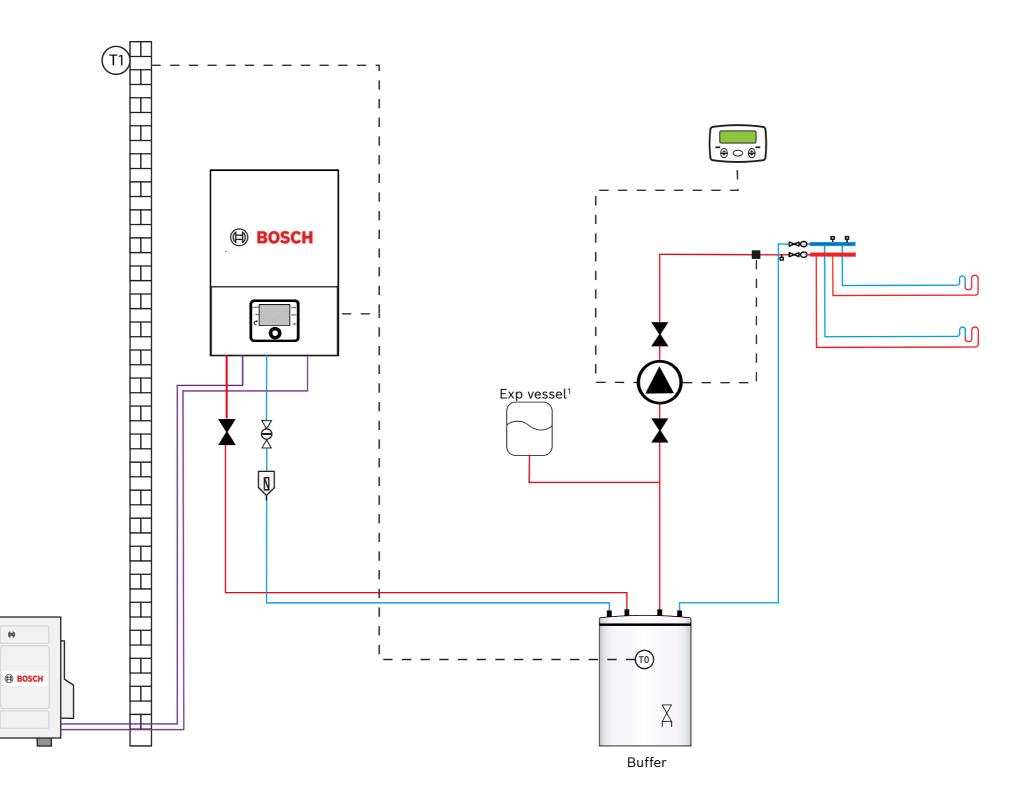
WORCESTER BOSCH CS3400i AWS 1 x UFH, buffer and 3rd party controls



Key	Description
T	T1, T0 and TW1 sensors
	Isolation valve
X	Drain off valve
M	Filling valve
<u></u>	Three port valve
Ø	Magnetic filter
\Box	Non return valve
_	3rd party controls
	Pump
	High limit stat
	Strainer
	Two port valve
	Shut off filter valve

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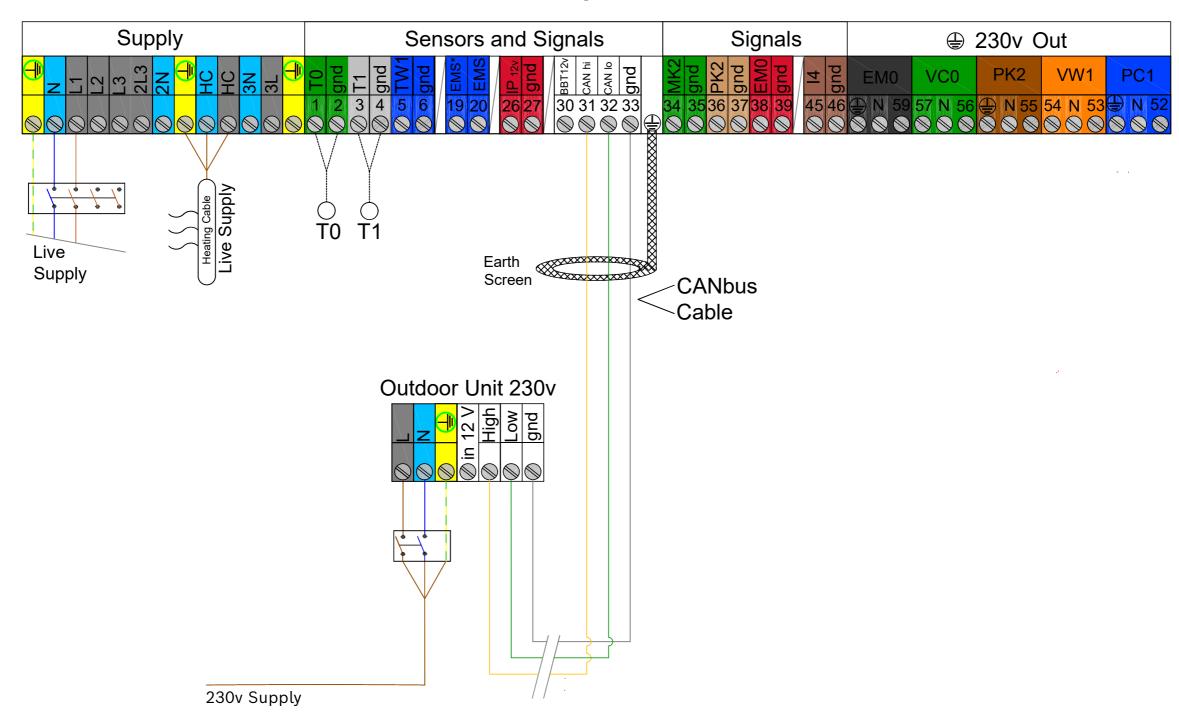




WORCESTER (B) BOSCH CS3400i AWS 1 x UFH, buffer and 3rd party controls



Indoor Unit







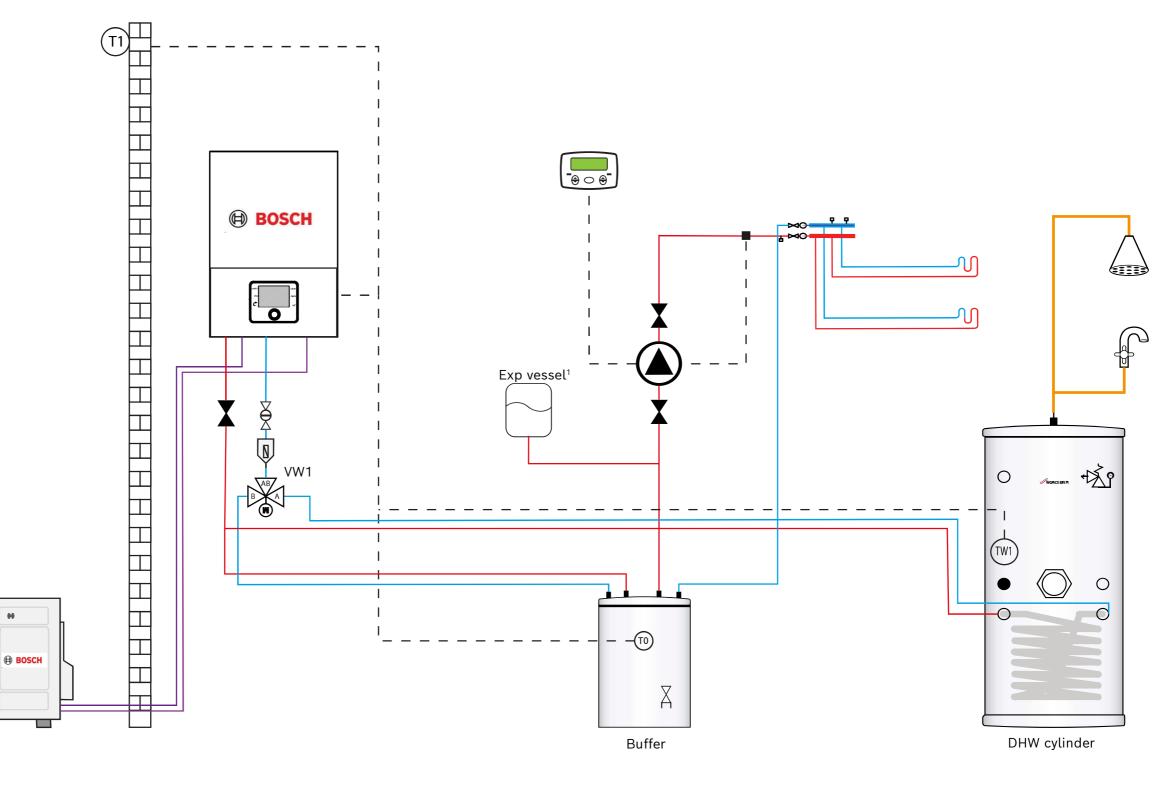
WORCESTER (III) BOSCH CS3400i AWS 1 x UFH, DHW, buffer and 3rd party controls



Key	Description
T	T1, T0 and TW1 sensors
	Isolation valve
X	Drain off valve
对	Filling valve
	Three port valve
(Magnetic filter
\Box	Non return valve
9-6-	3rd party controls
	Pump
	High limit stat
	Strainer
	Two port valve
	Shut off filter valve

T1 Sensor to be fitted on North facing wall where possible. Please refer to installation manual for guidance

Exp vessel¹ if required



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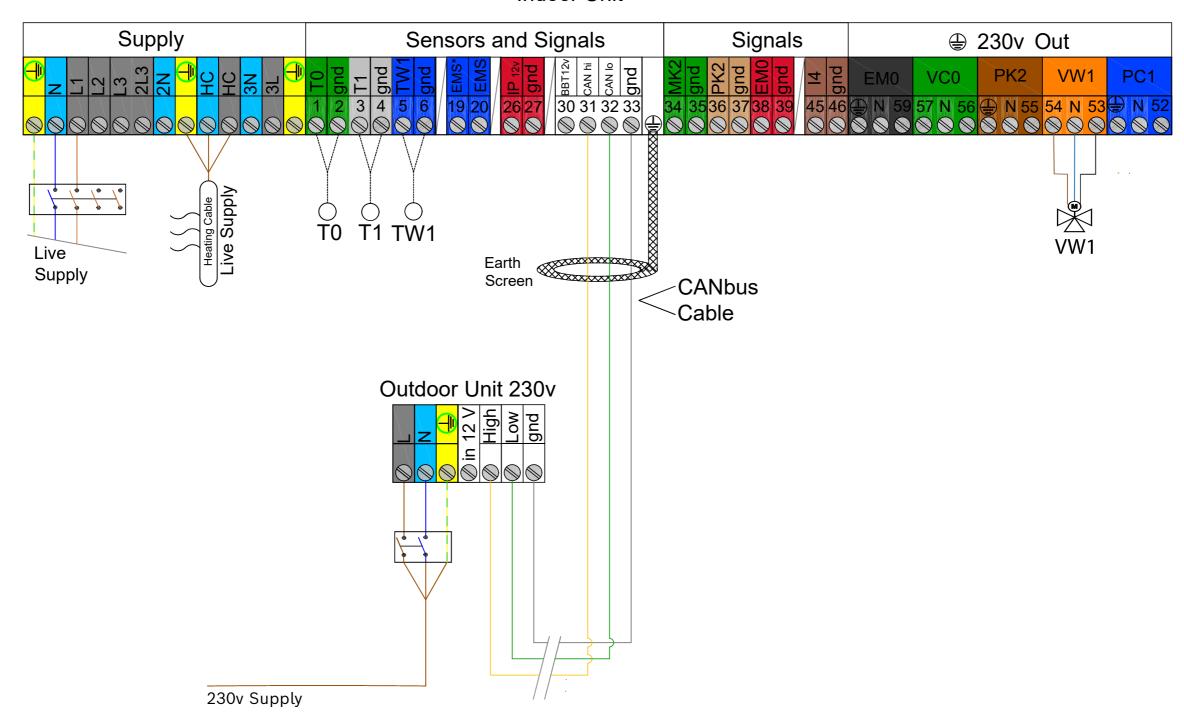




WORCESTER (B) BOSCH CS3400i AWS 1 x UFH, DHW, buffer and 3rd party controls



Indoor Unit



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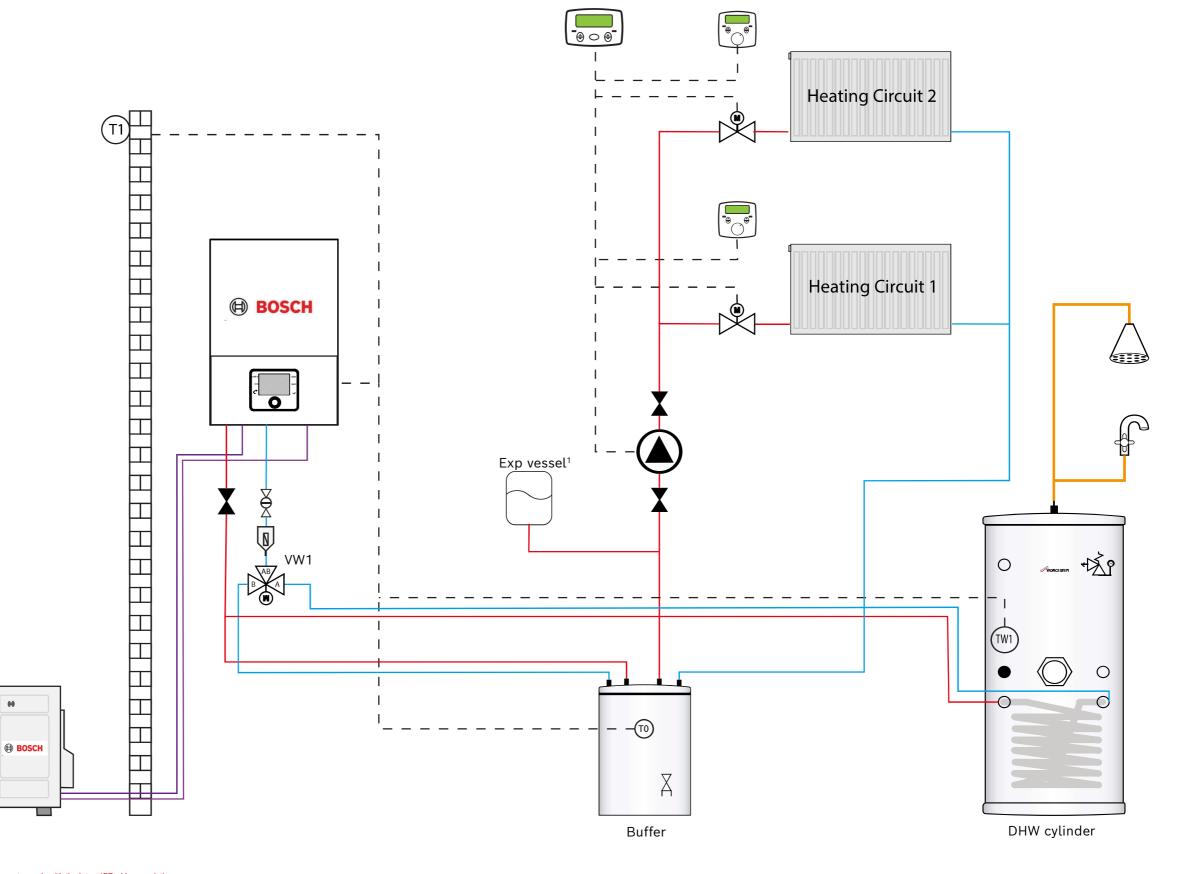
WORCESTER BOSCH CS3400i AWS 2 x rad, DHW, buffer and 3rd party controls



Key	Description
T	T1, T0 and TW1 sensors
M	Isolation valve
X	Drain off valve
凶	Filling valve
	Three port valve
Ø	Magnetic filter
$\overline{\Delta}$	Non return valve
-	3rd party controls
	Pump
0	Pressure gauge
4	Strainer
®	Two port valve
	Shut off filter valve

T1 Sensor to be fitted on North facing wall where possible. Please refer to installation manual for guidance

Exp vessel¹ if required



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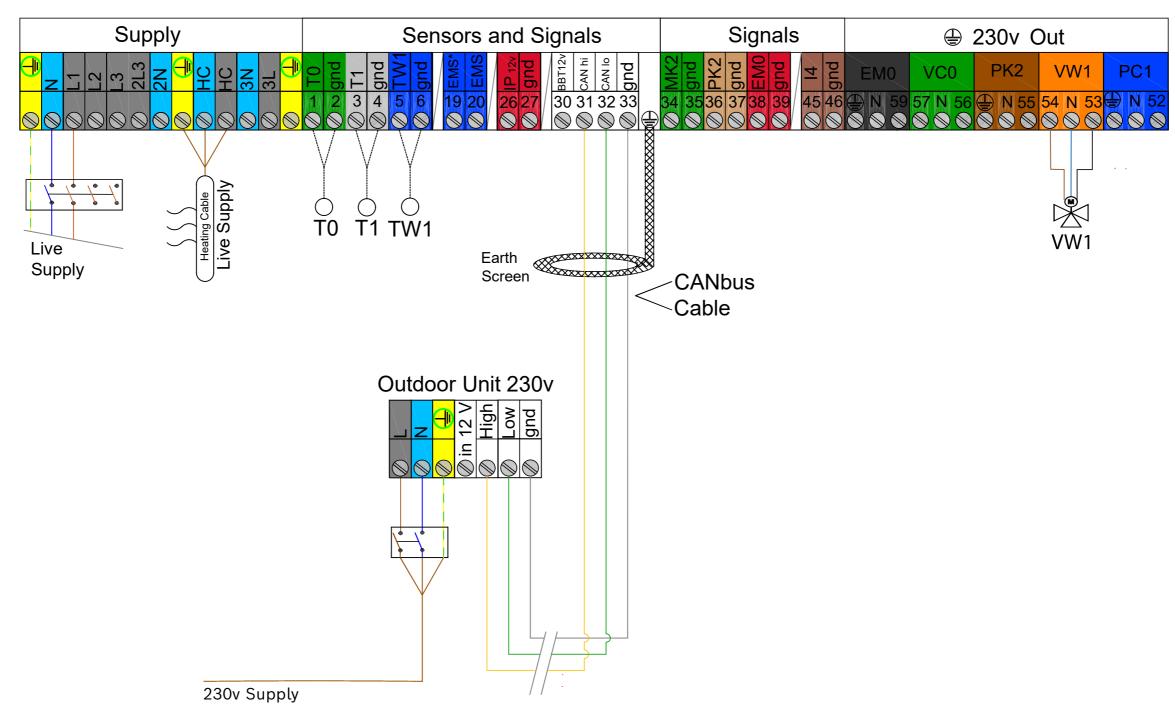




WORCESTER (D) BOSCH CS3400i AWS 2 x rad, DHW, buffer and 3rd party controls



Indoor Unit







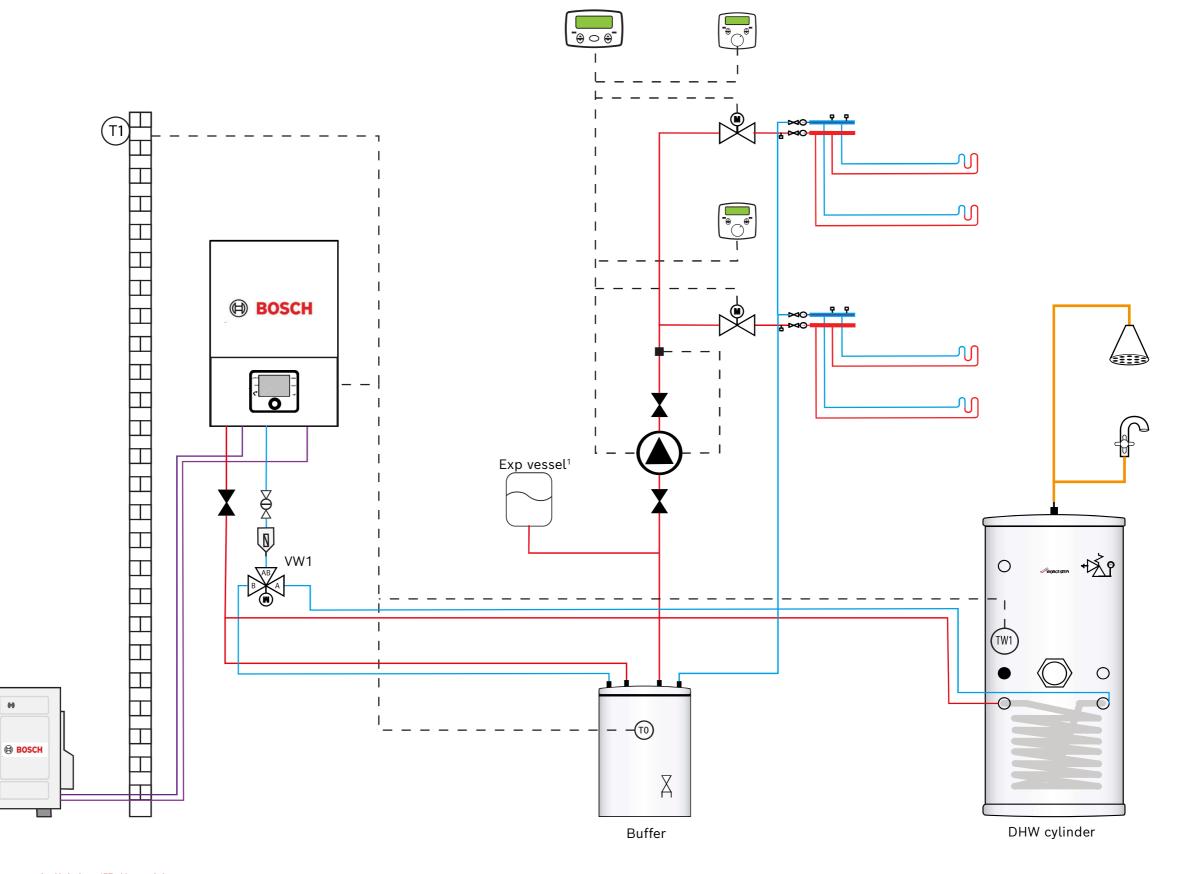
WORCESTER (B) BOSCH CS3400i AWS 2 x UFH, DHW, buffer and 3rd party controls



Key	Description
\ominus	T1, T0 and TW1 sensors
	Isolation valve
X	Drain off valve
M	Filling valve
®	Three port valve
Ø	Magnetic filter
$\overline{\triangle}$	Non return valve
9-0	3rd party controls
	Pump
	High limit stat
	Strainer
®	Two port valve
	Shut off filter valve

T1 Sensor to be fitted on North facing wall where possible. Please refer to installation manual for guidance

Exp vessel¹ if required



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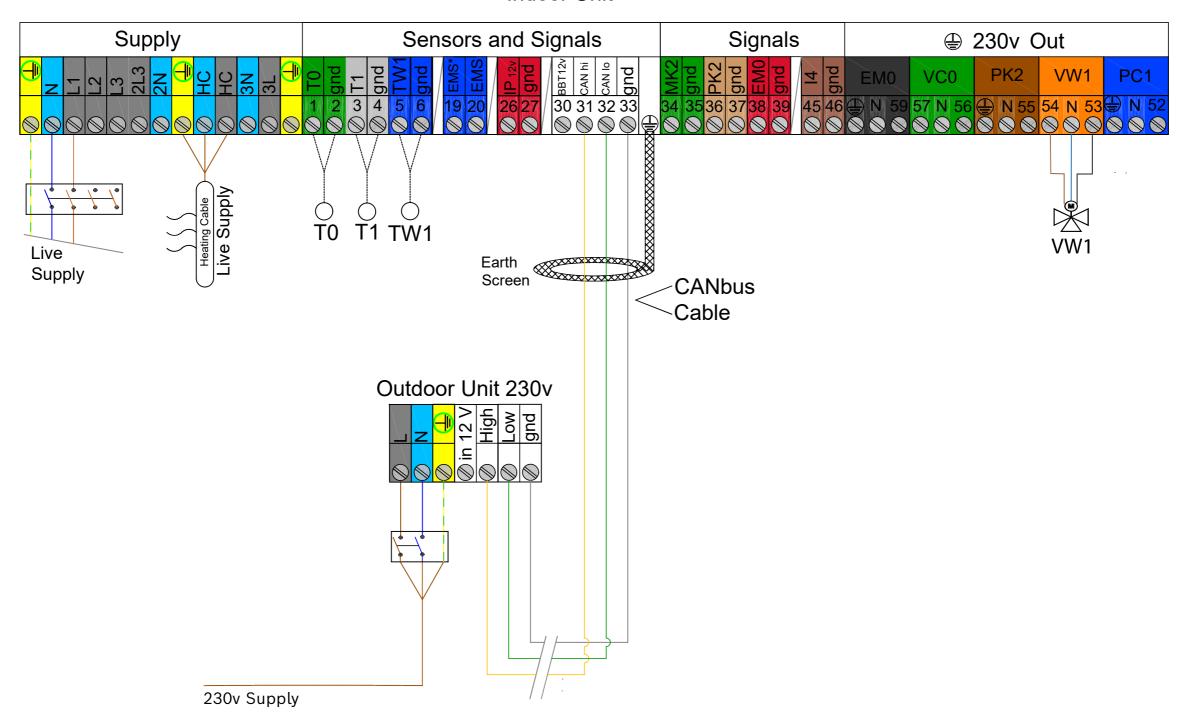




WORCESTER (III) BOSCH CS3400i AWS 2 x UFH, DHW, buffer and 3rd party controls



Indoor Unit





CS3400i AWS 1 x rad, DHW, no buffer and CR11H

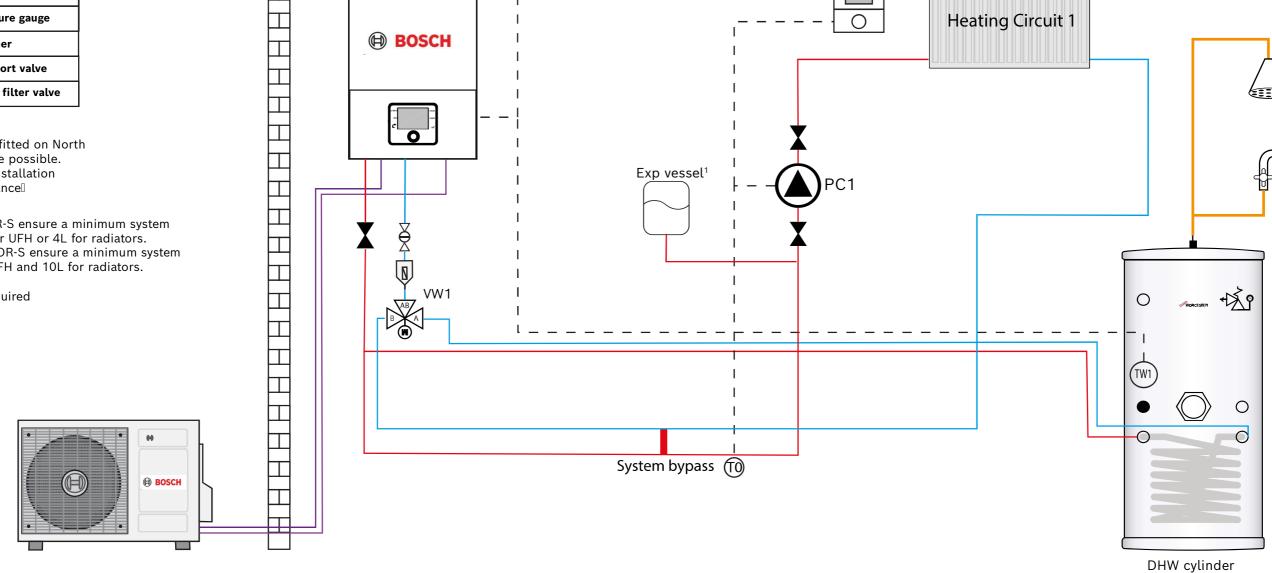


Key	Description
T	T1, T0 and TW1 sensors
	Isolation valve
X	Drain off valve
函	Filling valve
	Three port valve
Ø	Magnetic filter
\Box	Non return valve
-	3rd party controls
	Pump
	Pressure gauge
	Strainer
	Two port valve
	Shut off filter valve

T1 Sensor to be fitted on North facing wall where possible. Please refer to installation manual for guidance

CS3400 AW 4 OR-S ensure a minimum system volume of 13L for UFH or 4L for radiators. CS3400 AW 6-8 OR-S ensure a minimum system volume of 27L UFH and 10L for radiators.

Exp vessel¹ if required



CR 11H

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(10/2024)

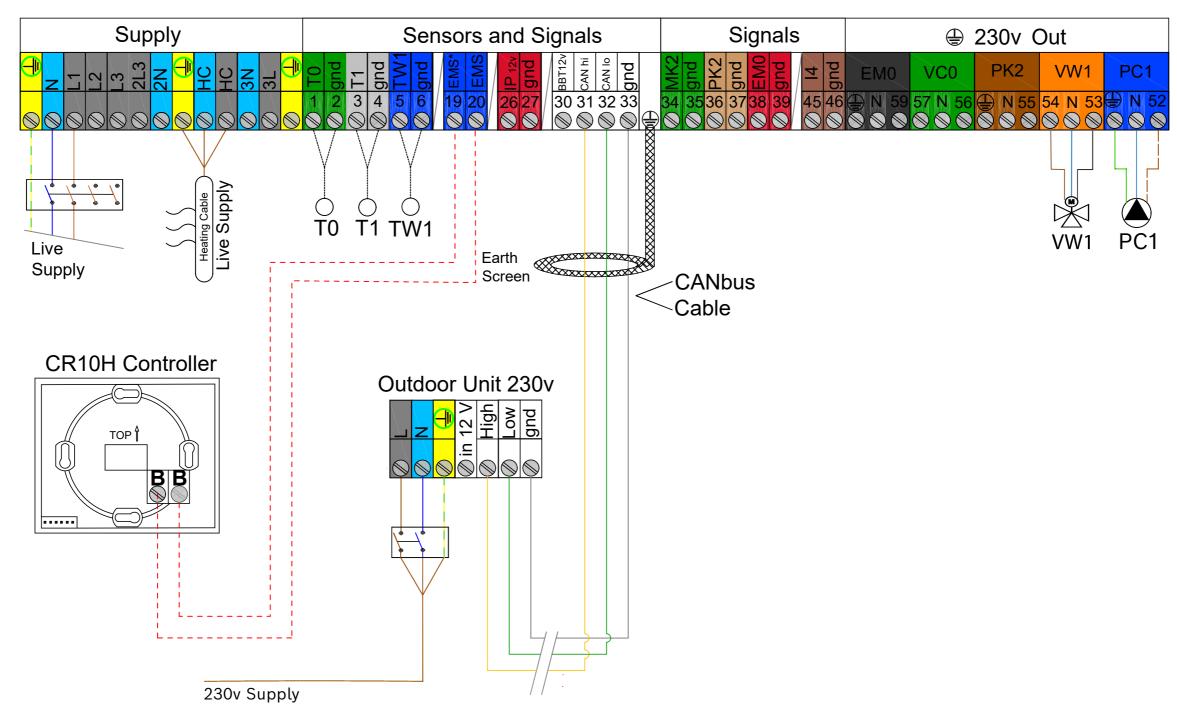




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Indoor Unit



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CS3400i AWS 1 x rad, DHW, no buffer and 3rd party controls

3rd party²

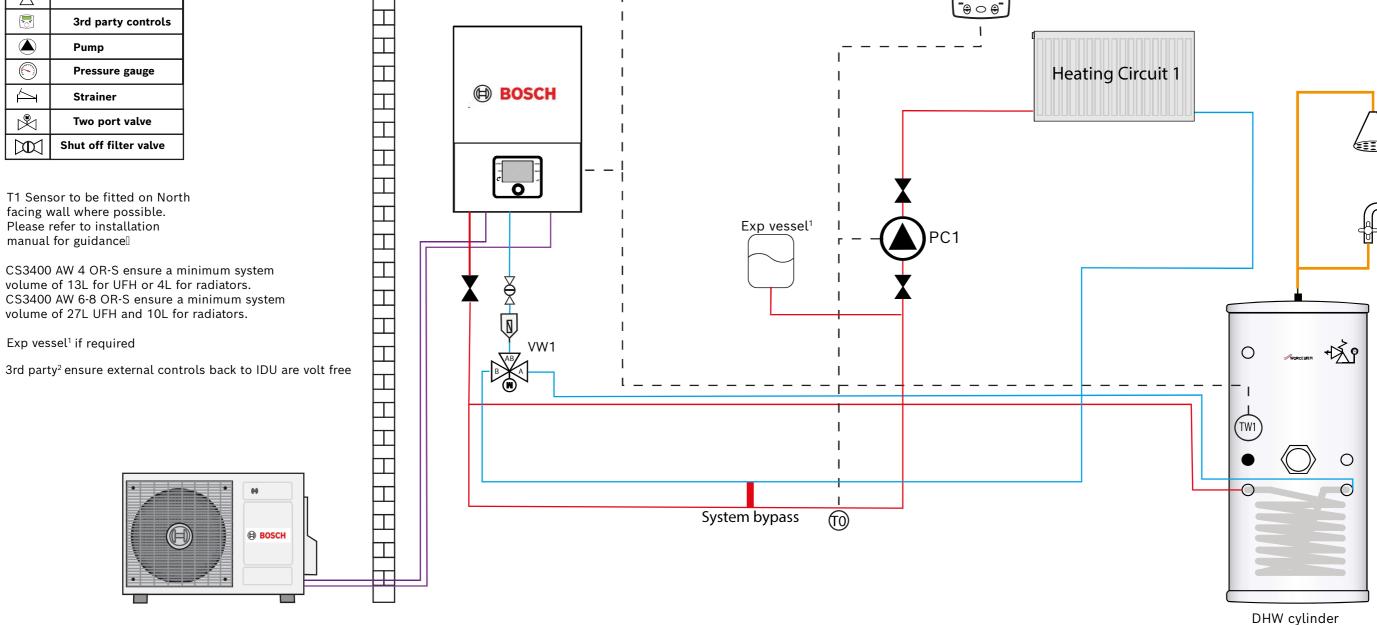


Key	Description
T	T1, T0 and TW1 sensors
	Isolation valve
X	Drain off valve
丞	Filling valve
<u>*</u>	Three port valve
Ø	Magnetic filter
	Non return valve
- ·	3rd party controls
	Pump
<u></u>	Pressure gauge
<u> </u>	Strainer
	Two port valve
	Shut off filter valve

T1 Sensor to be fitted on North facing wall where possible. Please refer to installation manual for guidance

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Exp vessel¹ if required



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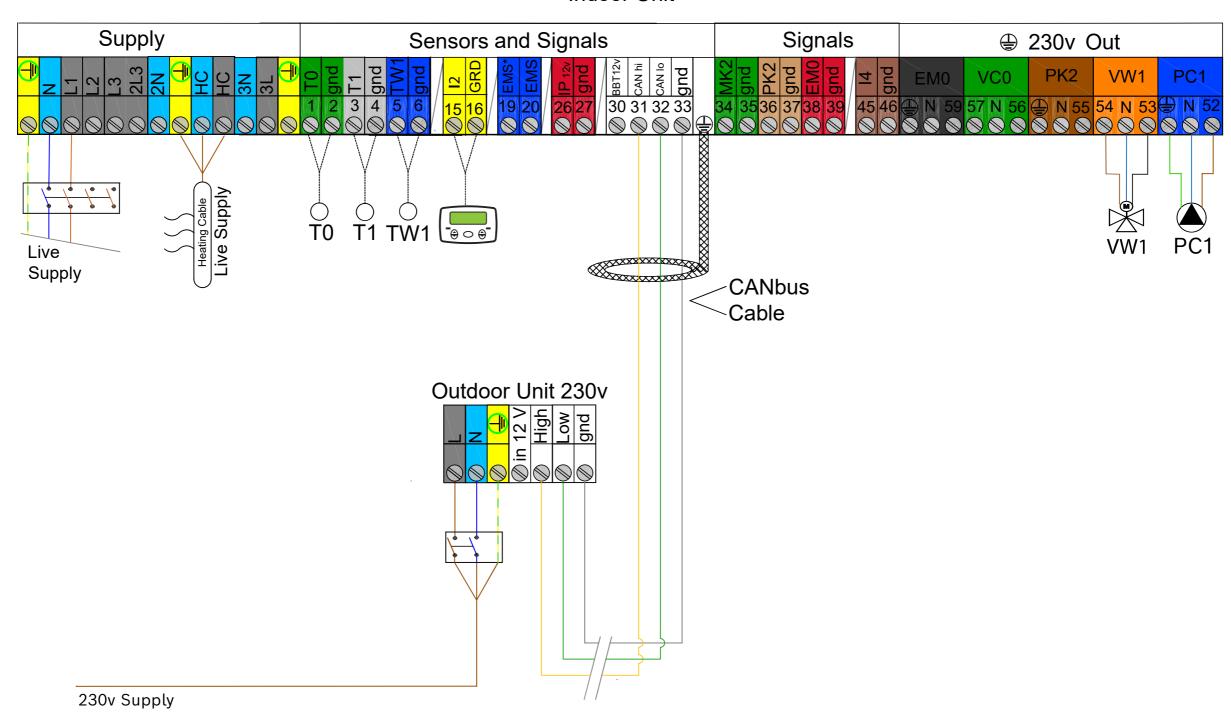




WORCESTER (B) BOSCH CS3400i AWS 1 x rad, DHW, no buffer and 3rd party controls



Indoor Unit







✓WORCESTER ⊕ BOSCH CS3400i AWS 1 x UFH, DHW, no buffer and CR10H

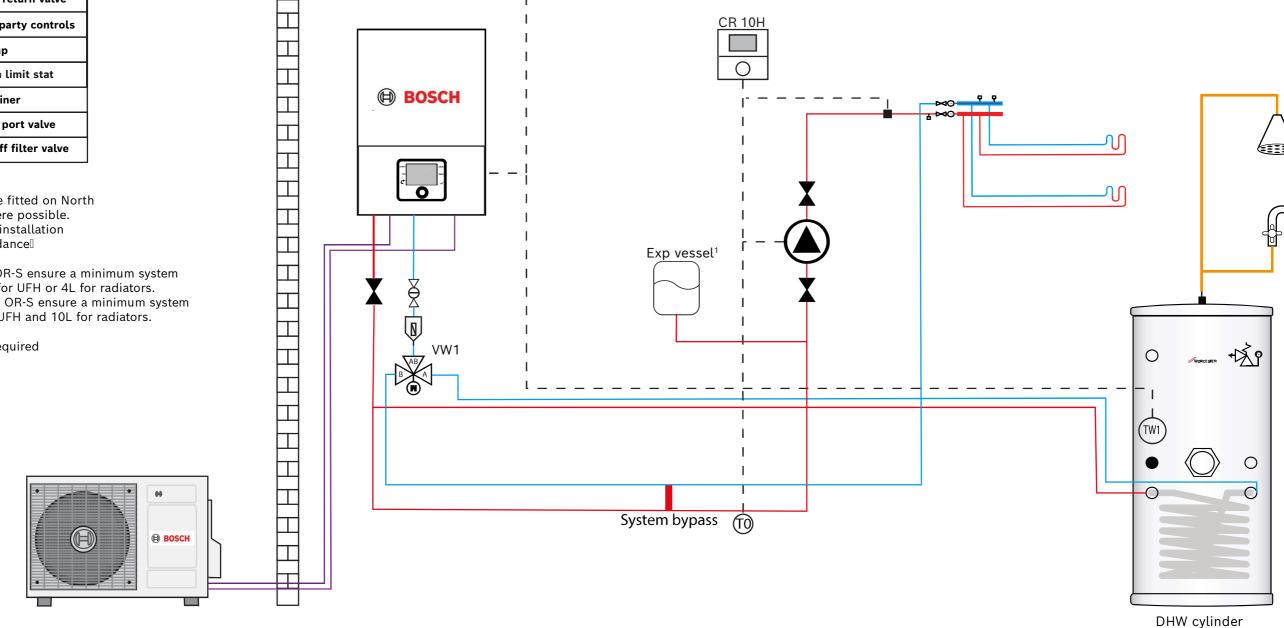


Key	Description
T	T1, T0 and TW1 sensors
	Isolation valve
X	Drain off valve
四	Filling valve
%	Three port valve
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\Box	Non return valve
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	Pump
	High limit stat
	Strainer
	Two port valve
	Shut off filter valve

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For further information or assistance please contact:

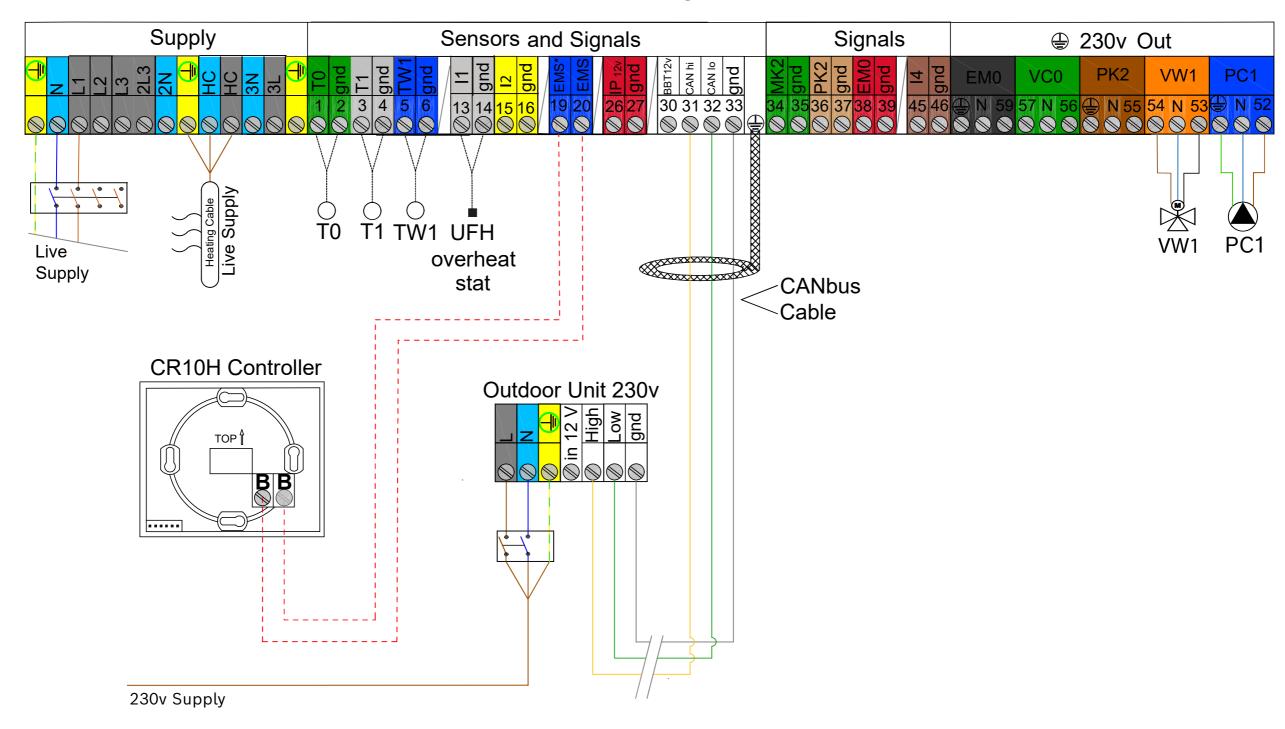




WORCESTER ⊕ BOSCH CS3400i AWS 1 x UFH, DHW, no buffer and CR10H



Indoor Unit







CS3400i AWS 1 x UFH, DHW, no buffer and 3rd party controls

3rd party²



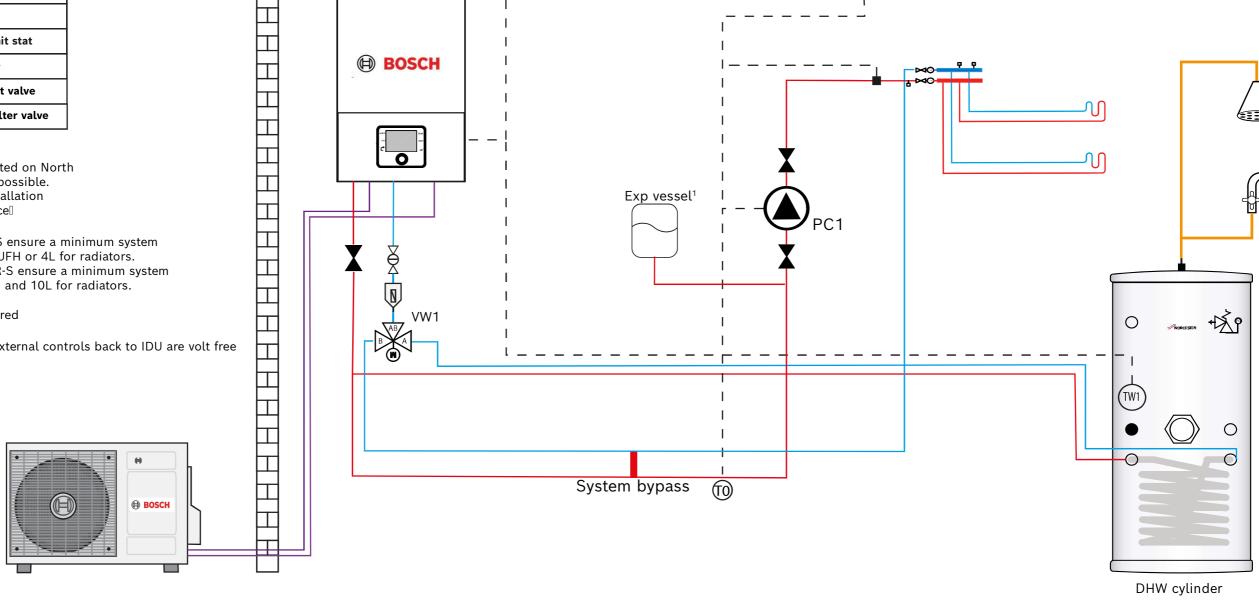
Key	Description
(\vdash)	T1, T0 and TW1 sensors
X	Isolation valve
X	Drain off valve
X	Filling valve
<u></u>	Three port valve
Ø	Magnetic filter
\triangle	Non return valve
-	3rd party controls
	Pump
	High limit stat
1	Strainer
®	Two port valve
	Shut off filter valve

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Exp vessel¹ if required

3rd party² ensure external controls back to IDU are volt free



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Indoor Unit

