

Blue specifications

v2.1

Suitable for

- Stacked housing
- Renovation

Features of the Blue

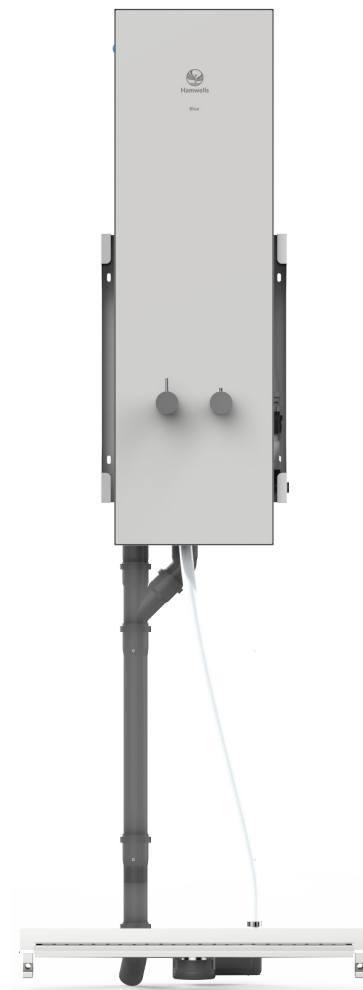
- EPC Efficiency approximately 61.8% **
- EPC reduction approximately 0.06 ***
- Standard 5 year warranty, extendable to 8 years

* measured according to NEN 1006, hot tap water at 60 °C

** measured according to NEN 7120

*** Depending on the total installation and the house, calculate this in one of the EPC software applications

Flow rate	Normal hot water consumption	Blue hot water consumption	Efficiency
5.8 l/min	3.3 l/min	1.9 l/min	61.8%
9.2 l/min	5.2 l/min	3.2 l/min	56.7%
12.5 l/min	7 l/min	4.6 l/min	53.0%

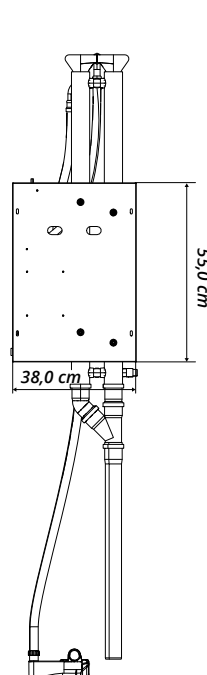


Placement

Dimensions of the frame

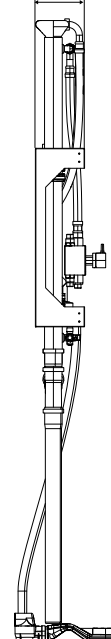
- Total installation width: 38,0 cm
- Total installation depth: 15,1 cm
- Total height for installation: 55,0 cm

back view



side view

15,1 cm



Connection requirements

Hot water

- Connection via supplied 1/2 inch flexible hose, metal braided, female thread
- The water heater need to supply between 1 and 5 liters of warm water per minute*
- Maximum working pressure 5 bar
- Temperature at the water outlet at least 55 °C
- Temperature at the water outlet maximum 65 °C

**Note the high tapping threshold of some central heating boilers. Hamwells offers optional products that can help meet the hot water demand.*

Cold water

- Connection via supplied 1/2 inch flexible hose, metal braided, female thread
- Maximum working pressure 5 bar

Absorbed power

- Maximum 42W in standard use
- <1W in standby
- Input voltage 90 - 305VAC, 12VDC
- 47 - 63Hz (with AC connection)
- Automatic overcurrent and surge protection
- The Blue meets the extra low safety voltage of 12VDC

Other features

Guarantee

- Standard 5 year warranty on all components*
- Extendable up to 8 years

** When installed for domestic use. Exceptions are mechanical damage to shower heads and glass plate.*

Compliance and maintenance

- Complies with CE and SELV *
- Internal components IP45 or better (power supply and electronics IP67)
- Radiation: EN55015, EN61000-3-2 Class C (60% load); EN61000-3-3
- Immunity: EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, (surge 4KV), criteria A
- The wastewater heat recovery module meets the applicable KIWA requirements

**The Blue meets the Save Extra Low Voltage (Very safe low voltage).*

If the Blue is used without a 12VDC power supply, you must ensure that the power supply used is SELV or complies with local regulations.



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IP45/65 SELV CE



Blue HE specifications

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Suitable for

- Stacked housing
- New construction projects

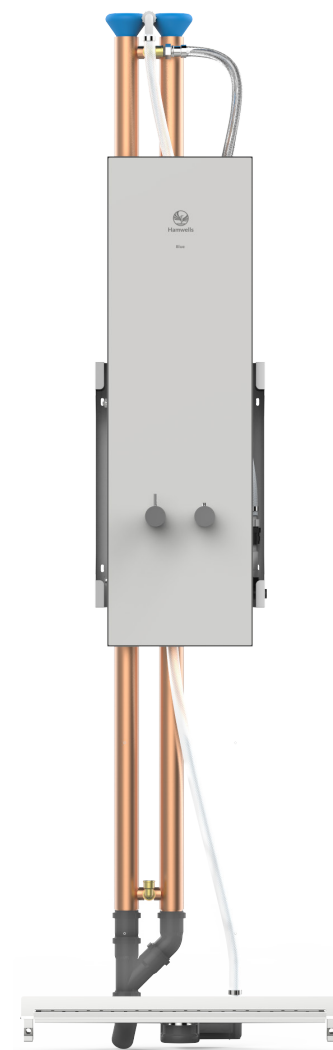
Features of the Blue HE

- EPC Efficiency approximately 74.8% **
- EPC reduction approximately 0.08 ***
- Standard 5 year warranty, extendable to 8 years

* measured according to NEN 1006, hot tap water at 60 °C

** measured according to NEN 7120

*** Depending on the total installation and the house, calculate this in one of the EPC software applications

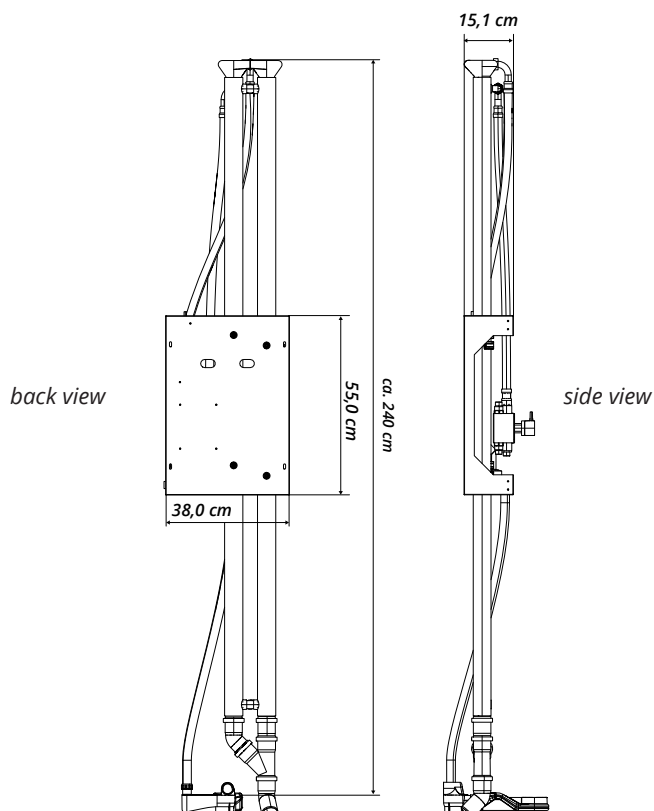


Flow rate	Normal hot water consumption	Blue hot water consumption	Efficiency
5.8 l/min	3.3 l/min	1.7 l/min	74.8%
9.2 l/min	5.2 l/min	2.8 l/min	70.0%
12.5 l/min	7 l/min	3.9 l/min	68.2%

Placement

Dimensions of the frame

- Total installation width: 38,0 cm
- Total installation depth: 15,1 cm
- Total height for installation: 55,0 cm



Connection requirements

Hot water

- Connection via supplied 1/2 inch flexible hose, metal braided, female thread
- The water heater need to supply between 1 and 5 liters of warm water per minute*
- Maximum working pressure 5 bar
- Temperature at the water outlet at least 55 °C
- Temperature at the water outlet maximum 65 °C

**Note the high tapping threshold of some central heating boilers. Hamwells offers optional products that can help meet the hot water demand.*

Cold water

- Connection via supplied 1/2 inch flexible hose, metal braided, female thread
- Maximum working pressure 5 bar

Absorbed power

- Maximum 42W in standard use
- <1W in standby
- Input voltage 90 - 305VAC, 12VDC
- 47 - 63Hz (with AC connection)
- Automatic overcurrent and surge protection
- The Blue HE meets the extra low safety voltage of 12VDC

Other features

Guarantee

- Standard 5 year warranty on all components*
- Extendable up to 8 years

** When installed for domestic use. Exceptions are mechanical damage to shower heads and glass plate.*

Compliance and maintenance

- Complies with CE and SELV *
- Internal components IP45 or better (power supply and electronics IP67)
- Radiation: EN55015, EN61000-3-2 Class C (60% load); EN61000-3-3
- Immunity: EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, (surge 4KV), criteria A
- The wastewater heat recovery module meets the applicable KIWA requirements

**The Blue HE meets the Save Extra Low Voltage (Very safe low voltage).*

If the Blue HE is used without a 12VDC power supply, you must ensure that the power supply used is SELV or complies with local regulations.



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