

Rinnai INFINITY® VT24 External

Features Suitable for Compare Technical Accessories CAD/BIM

Colour

White

REU number: REU-VR2426WG
 Factory preset temperature: 55 °C
 Rinnai product code: INFVT24N/INFVT24L

Input

188 MJ/h or 52 kW

Capacity

Hot water capacity: 1.8-24 litres
 Nominal water capacity: 24 litres per minute at a 25 °C rise (1440 L/h)

Output

42.1 kW

Connections

Hot water outlet: R $\frac{3}{4}$ (20 mm)
 Cold water inlet: R $\frac{3}{4}$ (20 mm)
 Gas supply: R $\frac{3}{4}$ (20 mm)

Efficiency

80%

Exhaust system

Forced flue

Frost protection

Fitted as standard.
 Frost protection operates automatically, as long as the appliance is connected to the electrical power supply, by activating when the temperature inside the unit drops below 3.5 °C, and turns off once the temperature inside the unit reaches 7 °C.

Energy Star Rating



Ignition system

Direct electronic ignition

Injector size

NG: 1.0, 1.55
 LPG: 0.7, 1.05

Line pressure (min.)

NG: 1.13 kPa, LPG: 2.75 kPa

Line pressure (max.)

3.5 kPa (maximum standing pressure under abnormal intermittent conditions is 5.0 kPa).

Power consumption

In the case of commercial metering (i.e. 35-37 kPa coming in), there may be a requirement to regulate the incoming line pressure down.
 Normal: 47 W (NG), 53 W (LPG), Standby: 2 W, Automatic Frost Protection: 74 W

Pressure relief

Valve opens at 2060 kPa, valve closes at 1470 kPa

Noise level

48 dB(A)

NO_x af

Less than 60 ppm

Safety devices

Flame failure, boil-dry protection, fusible link, pressure relief valve and combustion fan rpm check

Water supply

Nominal operating pressure: 180-1000 kPa
 Activation flow rate: 2.4 litres per minute

Weight

17 kg

Compliance

ES: Supplier Declaration of Compliance
 • Declaration Number: 971220094
 • Certificate Number: 6930

Market release

2011