

SLIMTRONIC *PLUS*



LOW NO_x GAS WATER HEATER

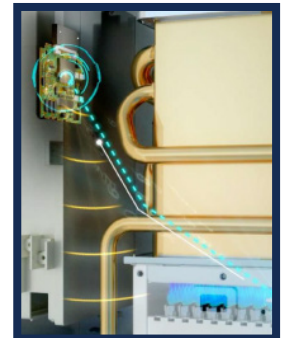
**Attractive Design
Simple White Panel with
Large LED
user interface.**



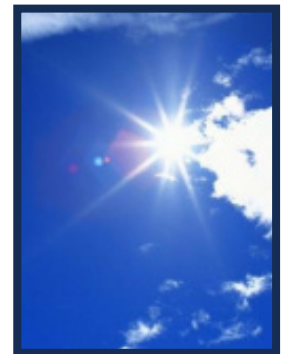
**Micro computer controls
gas and air supply for
maximum efficiency.**



**Combustion constantly
monitored by use of
transducer**



**Designed for
low CO₂ and
NO_x emissions**



The Environment - All Widney Heating Systems are supplied in 100% recyclable packaging. They are WEEE compliant and approved to the latest European Standards



Room Sealed Design



DC stepless variable frequency fan automatically adjusts to accommodate all conditions of water draw off, and wind conditions experienced at flue terminal.

Low Nox Dual Aeration Burner Design

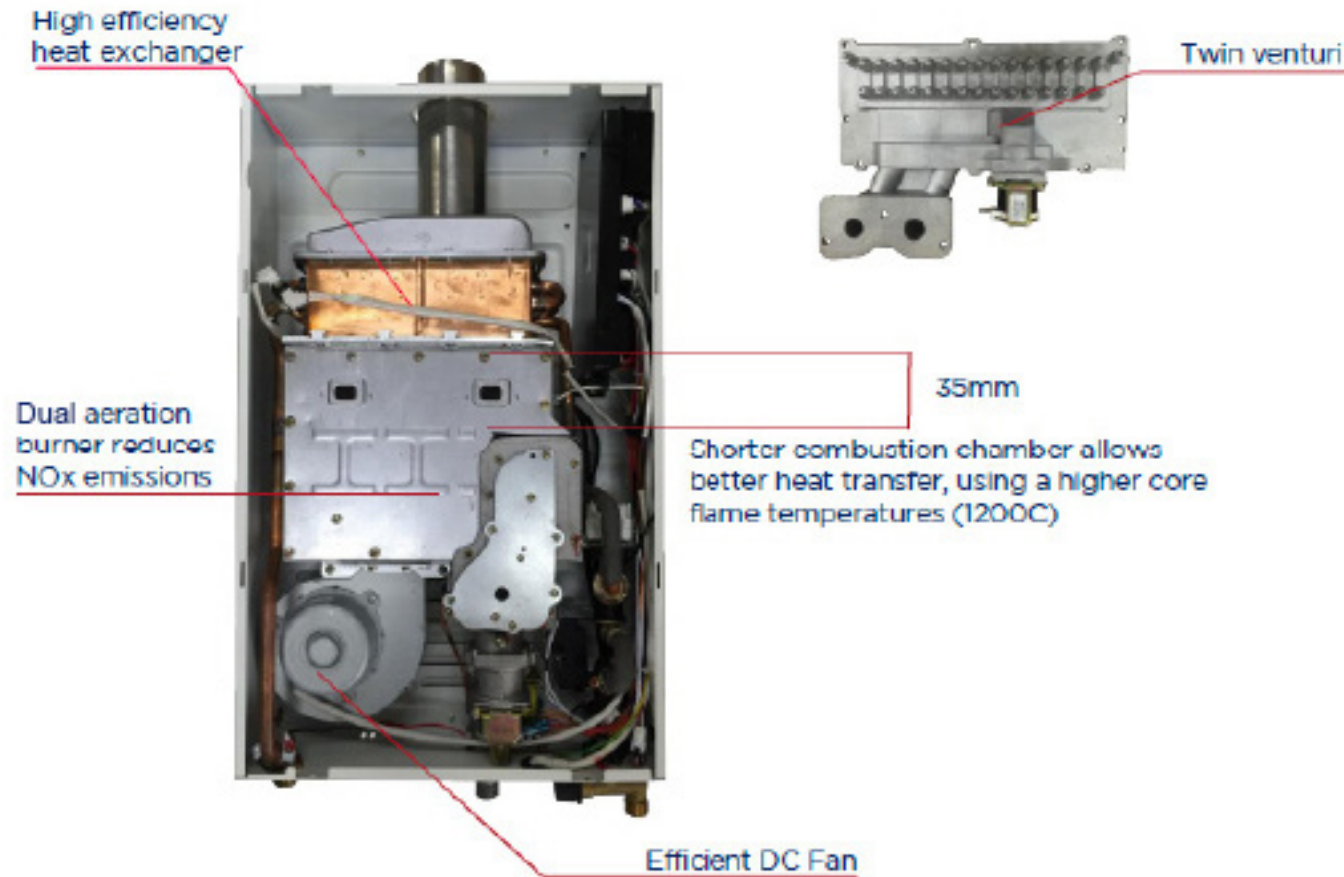
Short flame combustion technology reducing NOx emissions by 70%.

Burner design allows a mix of high and low air mixing. The high air portion controls the combustion performance. The low air portion produces a significant reduction in NOx.

Combination of the two gives a superior performance to a conventionally aerated burner.



Advanced Design

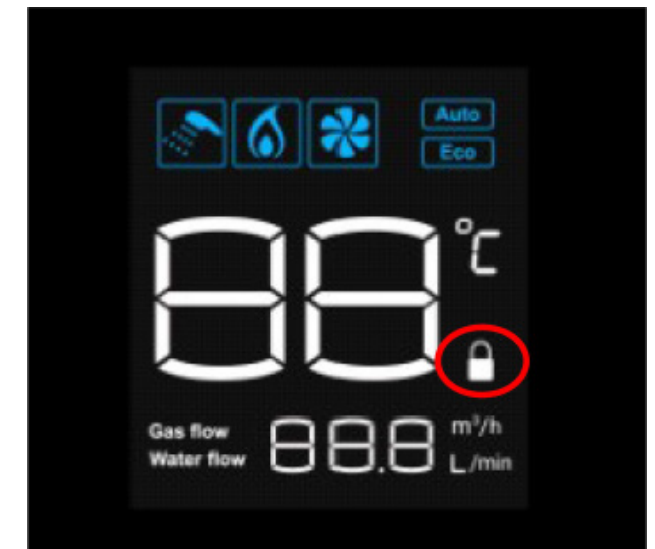


Family Safe Using Child Low Temperature Interlock

Maximum water temperature limited to 48°C during normal water flow to prevent accidental scolding.

Child lock prevents temperature adjustment above 48°C when water is being drawn off. (Lock symbol flashes if any attempt is made to increase water temp.)

Any higher water temperatures can only be achieved by closing down water flow first.



Save 20% Energy usage restricted to 80% using ECO mode

Product Description

Wall mounted, room sealed (balanced flue), fan assisted water heater. Electronic control provides precise control of water temperature and gas safe operation.

Model Name JSG12ST-S25

Specifications

Gas Type	37mbar – G31 Propane Only	
Gas Category	I12H3P	
Gas Burner Pressure	Internally Regulated to 19.0 mbar	
Efficiency	78.3%	
Nominal Energy Consumption	24kW	
Minimum Energy Consumption	7kW	
Water Pressure	Max	Min
	8.0 bar	0.20bar
Min Water Flow - Litres/min	High	Low
△ t = 50 C	6	1.8
△ t = 25 C	12	3.6
Nominal water Flow	12Litres/min	
Supply Voltage	220-230V a.c. 50Hz	
Power	33W	
Gas Consumption	M ³ /hr	Kg/hr
High (20kW)	0.902	1.72
Low (6.5kW)	0.263	0.49
Appliance Type	C ₁₃	
Degree of Electrical Protection	IPX4	
Combustion Flue Gas Temperature	147 °C	



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