

WT-S ONE HW 20 SERIES

Hermetic Low NOx Water Heater



SPECIFICATIONS

- ∞ Domestic hot water up to maximum thermal capacity of 20 kW,
- ∞ Operating with Natural gas, LPG and electricity,
- ∞ DHW capacity up to a maximum of 8 LPM at $\Delta t = 25^\circ\text{C}$,
- ∞ NOx emission Class 6 according to TS EN 15502 -1+ A1 standard and ErP,
- ∞ Eco-friendly with low NOx and CO emission rates,
- ∞ Smart combustion control and high combustion efficiency,
- ∞ Provides Non - stop DHW demand with high thermal efficiency,
- ∞ Simple control with illuminated LCD panel which provides ease of use,
- ∞ Low space requirement with its aesthetic and compact design,
- ∞ Maximum air and water soundness with hermetic case,
- ∞ Temperature display on digital screen,
- ∞ Stabilizing DHW temperature,
- ∞ Hybrid usage with solar water heater etc.,
- ∞ Protection against frost, overheating and voltage changes,
- ∞ Working at lower noise levels,
- ∞ Easy maintenance.



AREAS OF USE



House/Residence



Hotels



Hospitals



Schools



Plazas
Shopping Malls



Gyms

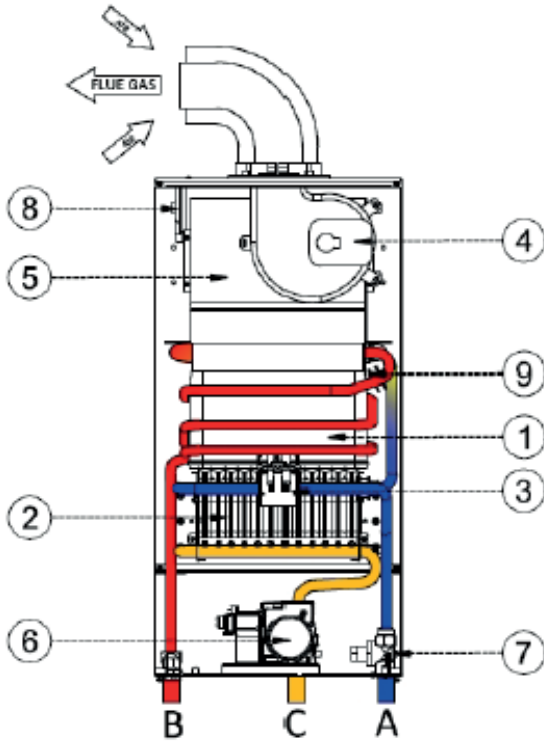


Swimming
Pools

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HYDRAULIC AND GAS CIRCUIT DIAGRAM



CONNECTIONS

Domestic Water Inlet
Domestic Water Outlet
Gas inlet

MAIN PARTS

Heat Exchanger
Burner
Ignition and Ionization
Fan
Paddle box
Gas Valve
Flow Sensor
Air Prostate
Safety temperature sensor

WT-S ONE HW 20 SERIES TECHNICAL PARAMETERS

TECHNICAL PARAMETERS	UNIT	VALUES
Rated Thermal Load (Max.)	kW	23,3
Rated Thermal Power (Max.)	kW	20,4
Heating Load (Min.)	kW	10,6
Heating Power (Min.)	kW	9,4
Thermal Efficiency	%	87,3
Hot Water Capacity	L / d	11,5 ($\Delta t = 25 \text{ }^\circ\text{C}$)
Water Pressure (Min. - Max.)	Bar	0,2 - 8
Gas Connection Pressure (G20)	mbar	20
Gas Connection Pressure (G31)	mbar	37
Burner Pressure (G20, Min - Max.)	mbar	3 - 13
Burner Pressure (G31, Min - Max.)	mbar	7 - 34,5
Waste Gas External / Internal Chimney Dimensions	mm	$\text{Ø } 100 / 60$
Electrical Connection Feature		AC230V ~ 50 Hz
Electric power	W	69
Noise Level (Indoor)	dB	50
NOx Class (TS EN 15502-1+A1)		6
External Dimensions	mm	668 X 320 X 260
Weight	kg	15,8