

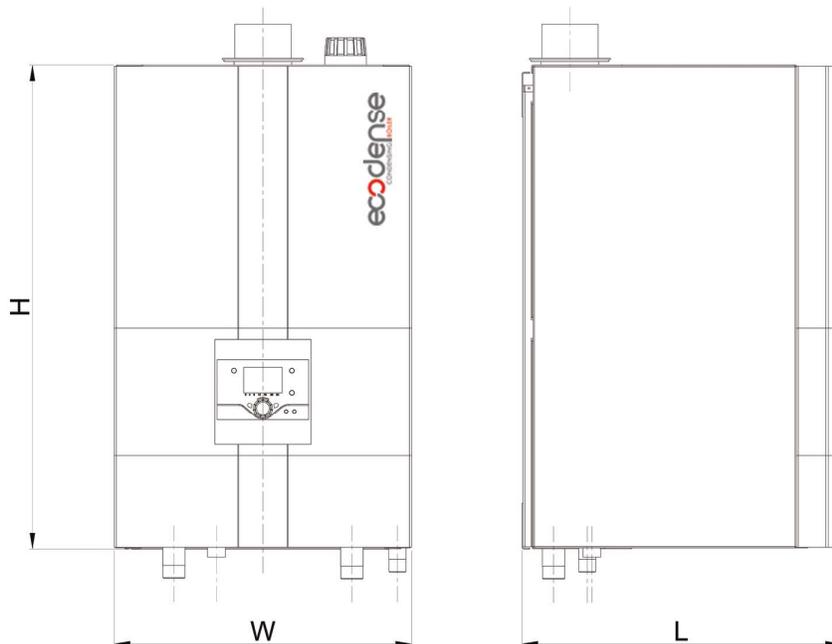
WT SERIES WALL HUNG CONDENSING BOILER



SPECIFICATIONS

- High efficiency with Premix condensing technology and micro-flame metal fiber coated steel burner,
- 5 different capacity option between 65 kW-150 kW in WT series aluminum spiral heat exchanger condensing boilers and up to 2400 kW in CASCADE systems
- When used as CASCADE, the panel on the boiler allows controlling 16 boilers + 1 outdoor sensor + 1 mixing valve,
- Provides energy saving through 5:1 modulating operation,
- Allows simple control with illuminated LCD panel which provides ease of use; and error codes and boiler information can be displayed on this panel,
- Daily and weekly operation schedule can be programmed,
- Seasonal heat program can be prepared during summer and winter times,
- Option of use with Natural Gas and LPG,
- Operation in lower noise values,
- Environmentally-friendly with lower NOx and CO emission rates.

EXTERNAL DIMENSIONS



MODEL	W mm	H mm	L mm
WT 65	465	725	500
WT 80	465	725	500
WT 100	465	900	500
WT 115	465	900	500
WT 125	465	900	500
WT 150	465	1090	500

WT SERIES ALUMINUM SPIRAL HEAT EXCHANGER WALL HUNG CONDENSING BOILER TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	UNIT	WT 65	WT 80	WT 100	WT 115	WT 125	WT 150
CAPACITY							
Max. Heating Capacity	kW	65	80,0	100,0	115,0	125,0	150,0
Min. Heating Capacity	kW	20	20,0	25,0	25,0	25,0	25,0
Max. Thermal Output (80°C / 60°C)	kW	63,7	78,4	98,0	112,7	122,5	147,0
Min. Thermal Output (80°C / 60°C)	kW	19,7	19,7	24,6	24,6	24,6	24,6
Max. Thermal Output (50°C / 30°C)	kW	68	84,0	105,0	121,0	131,0	157,0
Min. Thermal Output (50°C / 30°C)	kW	21,5	21,5	26,8	26,8	26,8	26,8
EFFICIENCY							
Pmax. (80°C / 60°C)	%	98,0%	98,0%	98,0%	98,0%	98,0%	98,0%
Pmin. (80°C / 60°C)	%	98,5%	98,5%	98,4%	98,4%	98,4%	98,4%
Pmax. (50°C / 30°C)	%	104,6%	105,0%	105,0%	105,2%	104,8%	104,7%
Pmin. (50°C / 30°C)	%	107,5%	107,5%	107,2%	107,2%	107,2%	107,2%
%30 (30°C)	%	109,0%	109,0%	109,0%	109,0%	109,0%	109,0%
USAGE WATER CIRCUIT							
Temp. Adj. Range with Ext. Storage Tank Usage	°C	10-65	10-65	10-65	10-65	10-65	10-65
CENTRAL HEATING CIRCUIT							
Max. Operating Temperature	°C	90	90	90	90	90	90
Quantity of Water	Lt	5	5	7	7	7	9
Max. Operating Pressure	bar	6	6	6	6	6	6
Min. Operating Pressure	bar	0,8	0,8	0,8	0,8	0,8	0,8
GAS SPECIFICATIONS							
Gas Type		G20-G31	G20-G31	G20-G31	G20-G31	G20-G31	G20-G31
Gas Inlet Pressure (G20)	mbar	21	21	21	21	21	21
Gas Inlet Pressure (G31)	mbar	37	37	37	37	37	37
COMBUSTION DATA							
Max. Exhaust Gas Temperature (80°C / 60°C)	°C	65	65	65	65	65	65
Min. Exhaust Gas Temperature (80°C / 60°C)	°C	60	60	60	60	60	60
Max. Exhaust Gas Temperature (50°C / 30°C)	°C	42	42	43	45	45	45
Min. Exhaust Gas Temperature (50°C / 30°C)	°C	32	32	33	35	35	35
ELECTRICAL SPECIFICATIONS							
Voltage & Frequency	V / Hz	230/50	230/50	230/50	230/50	230/50	230/50
Protection Class	IP	X5D	X5D	X5D	X5D	X5D	X5D
Energy Consumption	W	100	100	200	200	200	300
Electrical Fuse	Amper	3	3	6	6	6	6
HYDROLIC INSTALLATION SPECIFICATIONS							
Gas Connection	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Central Heating Circuit Inlet/Outlet	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
GENERAL SPECIFICATIONS							
Net Weight	kg	50	50	55	55	55	64
Chimney Diameter (Ø)	mm	80/125	80/125	80/125	80/125	80/125	80/125
NOx Class		5	5	5	5	5	5
G 20 Natural Gas, G 31 LPG							