

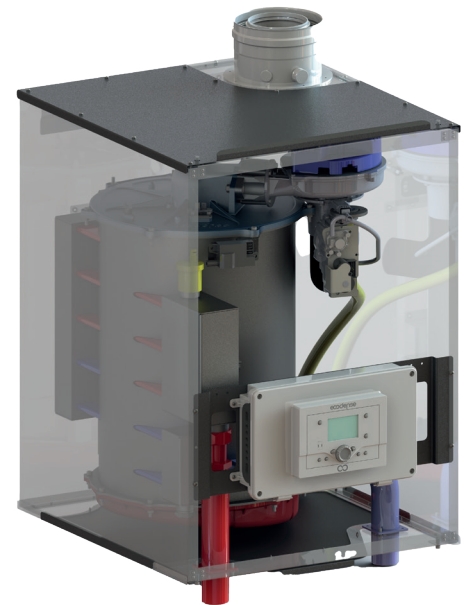
WT-SS H2 SERIES

WALL TYPE CONDENSING BOILER

new

SPECIFICATIONS

- High efficiency compatible with **hydrogen** with Premix condensation technology and micro-flame metal fiber coated steel burner,
- High performance and long-lasting durability with **expanded surface area and sheet thickness** in the stainless steel heat exchanger,
- Heat exchanger protection with **magnetic residue protection** integrated in the boiler,
- Enhanced combustion efficiency with flash back flap,
- Low energy consumption with the modulating primary circuit pump integrated to the boiler with capacities 45-50-55-60-65 kW,
- 12 different large capacity options as 45, 50, 55, 60, 65, 80, 90, 100, 110, 115, 125, 150 in single boiler,
- Wide thermal capacity option up to 2,400 kW, thanks to the cascade connection of 16 boilers in cascade systems,
- Maximum air and water tightness with hermetic case,
- Energy saving through 5:1 modulating operation,
- Illuminated LCD panel for ease of use,
- Daily and weekly operation schedule can be programmed,
- Preparing summer and winter seasonal heat program,
- Option of use with **Hydrogen**, Natural gas and LPG,
- Operation at lower noise values,
- Frost protection feature,
- Eco-friendly heating systems with low NOx and CO emission rates,



AREAS OF USE



House/Residence



Hotels



Hospitals



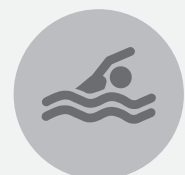
Schools



Plazas
Shopping Malls



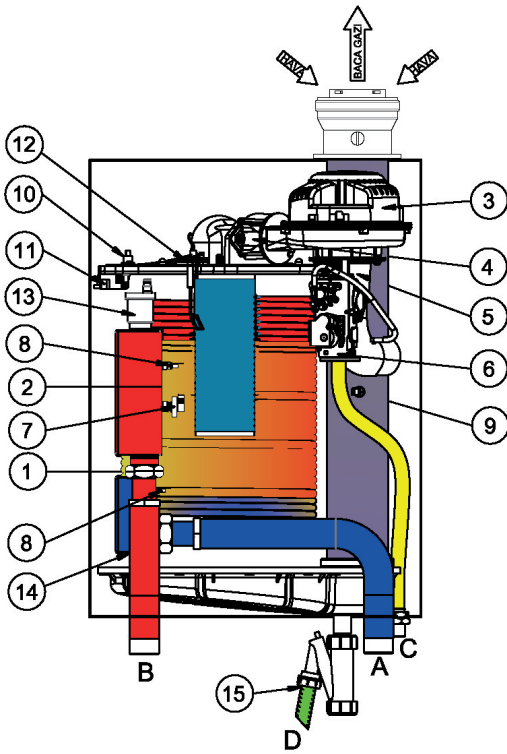
Gyms



Swimming
Pools

ECODENSE **WT-SS H2** SERIES WALL TYPE CONDENSING BOILER

HYDRAULIC AND GAS CIRCUIT DIAGRAM



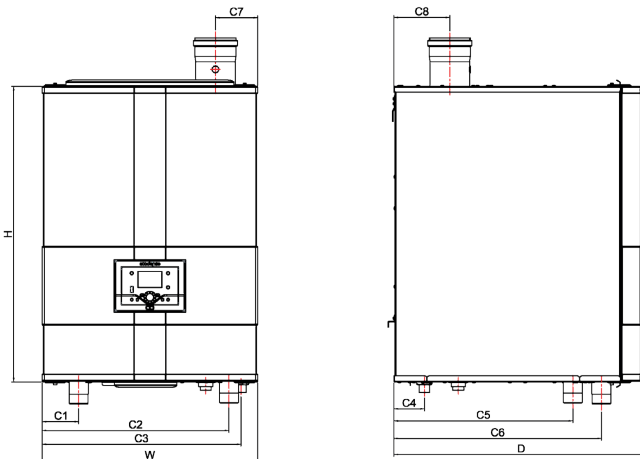
CONNECTIONS

- A. CH Inlet
- B. CH Outlet
- C. Gas Inlet
- D. Condensate water Outlet

MAIN PARTS

- 1. Stainless Steel Heat Exchanger
- 2. Premix Burner
- 3. Modulating Fan
- 4. Backflow Flap
- 5. Venturi
- 6. Gaz Valve
- 7. Water Pressure Sensor
- 8. Inlet/ Outlet Temperature Sensor
- 9. Flue Gas Sensor
- 10. Limit Thermostat
- 11. Ignition Transformer
- 12. Ignition and Ionization Electrode
- 13. Air Vent
- 14. Magnetic Filter
- 15. Condensation Siphon

DIMENSIONS



MODEL	W	H	D	C1	C2	C3	C4	C5	C6	C7	C8
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
WT-SS H2 45	450	756	380	123	342	175	205	127	63	170	107
WT-SS H2 50	450	756	380	123	342	175	225	127	85	170	107
WT-SS H2 55	465	820	465	54	354	260	224	68	68	232	118
WT-SS H2 60	465	820	465	54	354	260	229	68	68	232	118
WT-SS H2 65	465	820	465	54	354	37	301	68	68	232	118
WT-SS H2 80	546	670	655	90	470	500	74	450	523	104	139
WT-SS H2 90	546	670	655	90	470	500	74	450	523	104	139
WT-SS H2 100	546	670	655	90	470	500	74	450	523	104	139
WT-SS H2 110	546	750	655	90	470	500	74	450	523	104	139
WT-SS H2 115	546	750	655	90	470	500	74	450	523	104	139
WT-SS H2 125	546	750	655	90	470	500	74	450	523	104	139
WT-SS H2 150	546	750	655	90	470	500	74	450	523	104	139