

TECHNICAL SPECIFICATIONS HYDRO 18

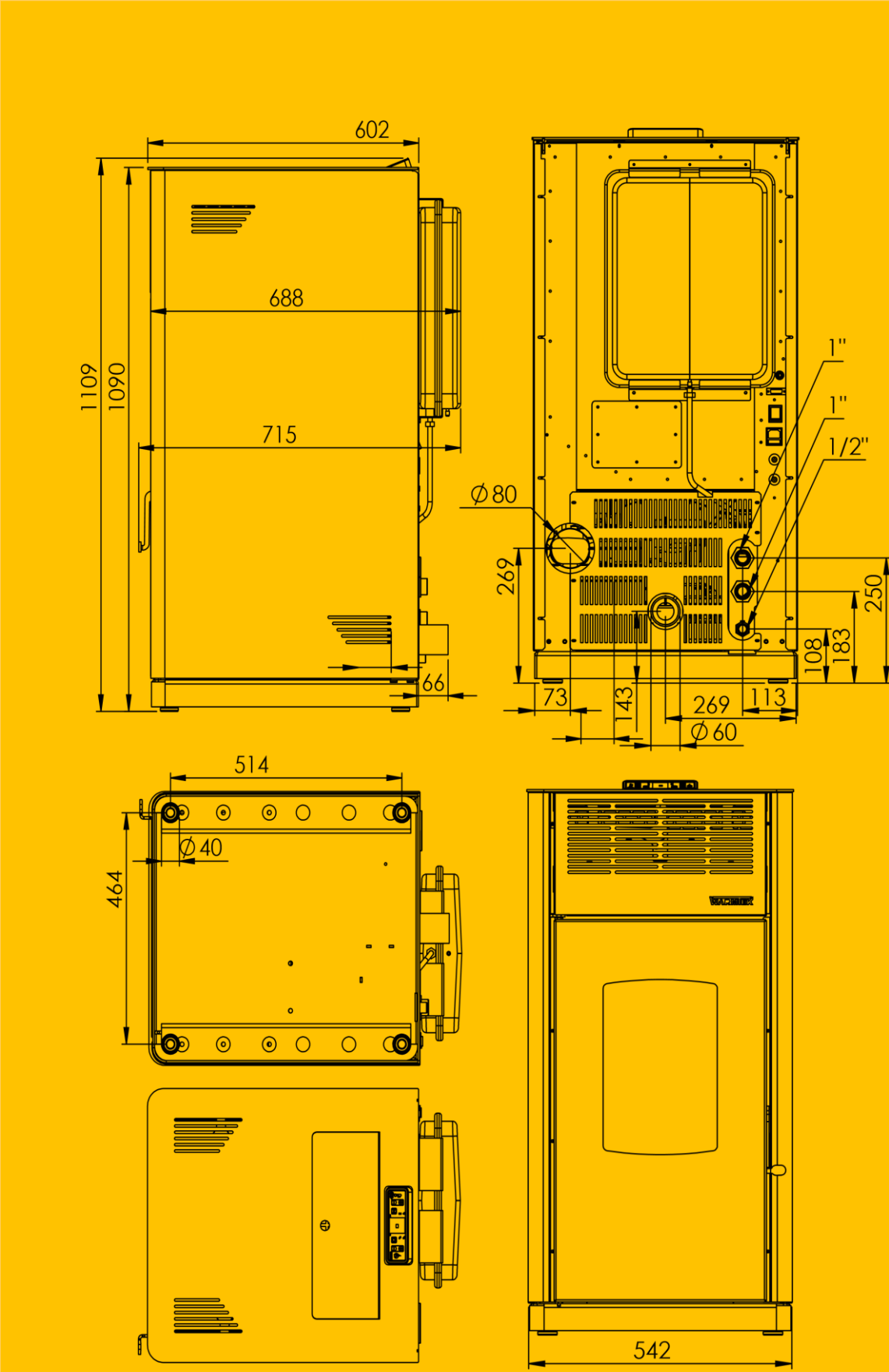
Dear customers,

Congratulations for your choice and interest in the WARMTEK LTD company and our pellet fireplaces

Nominal power	19	kW
Efficiency	91	%
CO emissions (13)% O2 at rated power	0.0063	%
Mass of smoke at rated power	12.65	g/s
Reduced power	6	kW
EFFICIENCY at reduced power	93	%
Mass of smoke at reduced power	4.68	g/s
Maximum temperature of flue gas	123	°C
Burn autonomy min/max	16/51	h
Minimum power	<20	Pa
Fuel consumption min/max	1.0/3.39	kg / h
Max heat output for heating of water	15	kW
Working pressure Max.	2.5	bar
Expansion vessel	12	liters
Boiler capacity	20	liters
Tank capacity/hopper	55	kg
Heating capacity	150	m ²
Weight with packaging (HYDRO18)	200	kg
Flue diameter	80	mm
Diameter of pipe for incoming air	60	mm



Dimensions HYDRO 18





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The HYDRO fireplaces are the perfect solution for heating rooms using radiators and their integrated water system.

Fireplaces are manufactured in Bulgaria using Italian and Swiss parts; German inverter pump WILO Yonos PARA; the electronic circuit board is manufactured by a group company – a manufacturer of electronics completely for exported to Italy. Each fireplace is equipped with a heat-resistant inox AISI 310 burner with a self-cleaning system, an integrated 60l fuel (pellet) hopper and an automatic control of the combustion air using a differential pressure gauge. The thickness of the sheet metal facing the fire is 5mm. Fireplaces also have a weekly programmer, a room temperature sensor, ceramic glass, protection sensors and an infrared remote control (option).

Power supply is AC 230V 50Hz. The maximum electrical power at ignition is 300W. The operating electrical power is 60W.

The colour range of the fireplaces offered by WARMTEK is: ivory, burgundy, black, brown and yellow.

- ✓ Italian parts
- ✓ Swiss parts
- ✓ Inverter pump WILO – Yonos PARA
- ✓ self-cleaning system
- ✓ stainless steel burner AISI 310
- ✓ built-in 60 liters bunker
- ✓ automatic control of the combustion air
- ✓ weekly programming
- ✓ room temperature sensor
- ✓ remote control (option)