

Unical



T.it

stove | thermo-stove



The **T.it** range is composed of **pellet fired stoves and thermo-stoves**:

- available in different models and colours, with Nominal Input **from 5.3 to 30.5 kW**
- designed to meet every need, by heating rooms with both, **natural and forced and ductable ventilation**.

The **T.it AQ** thermo-stoves, connected to the heating system, spread the heat throughout the house and **allow the production of domestic hot water if combined with a Unical coil type storage tank**.



The **T.it** stoves and thermo-stoves work with **pellets** and stand out for functionality, aesthetics and environment protection, guaranteeing very **high efficiencies, certified up to over 93%**, with **energy class A+**. They are made with safe technologies, but at the same time they are simple to manage and of easy maintenance.

Thanks to a **dedicated App and Wi-Fi Kit** (optional), they can also be comfortably programmed and managed even remotely, to find maximum comfort in the room once arrived at home.

The whole T.it range guarantees very high performance levels and already meets the minimum requirements, **4 stars**, mandatory from 2020, according to the most restrictive legislative obligations.



Tit 4.9



Burgundy I metal



Silver I metal

- Compact **pellet stove** with an appealing look
- Energy Class **A+**
- Nominal Input **5.3 kW**
- Volume that can be heated: **45-108 m³** (datum referred to well insulated rooms)
- **Protective front with “bit” customization**
- **Ultra compact dimensions:** minimum dimensions thanks to the reduced depth 600x770x280 mm (WxHxD)
- It can also be **wall mounted** (with an optional fixing bracket)
- Rear or side **concealed smoke duct** evacuation
- Backlit LCD control panel and standard supplied **remote control**
- **Remote management** with Wi-Fi BOX kit (optional) and dedicated App
- Environmental certification: **4-star**



T.it 7.5 room sealed



Burgundy | metal



Silver | metal

- **Room sealed pellet stove** that ensures maximum comfort and safety.
Suitable for “passive houses” and can be installed in studio flats, bedroom or bathroom
- Energy Class **A+**
- Nominal Input **8 kW**
- Volume that can be heated: **45-190 m³** (datum referred to well insulated rooms)
- **Protective front with “bit” customization**
- Backlit LCD control panel and standard supplied **remote control**
- **Remote management** with Wi-Fi BOX kit (optional) and dedicated App
- Environmental certification: **4-star**



T.it 12.5 C room sealed



Burgundy | metal



Silver | metal

- **Room sealed pellet stove** that ensures maximum comfort and safety; suitable for “passive houses”, it can also be installed in studio flats
- Energy Class **A+**
- Nominal Input **12 kW**
- Volume that can be heated: **45-205 m³** (datum referred to well insulated rooms)
- **Ductable type**: it is possible to foresee a heat diffusion even in the adjacent rooms, thanks to the arrangement of two Ø 60 mm duct connections, also concealed
- Possibility of taking the combustion air directly from outside, thus not consuming oxygen and heat from the internal rooms. The taking of combustion air from outside further reduces pellet consumption, as it does not require air intakes in the walls, so meeting the requirements for passive houses
- **Protective front with “bit” customization**
- Arrangement for 3rd air fan (optional)
- Rear or vertical smoke outlet
- Backlit LCD control panel and standard supplied **remote control**
- **Remote management** with Wi-Fi BOX kit (optional) and dedicated App
- Environmental certification: **4-star**



Tit AQ 24-34



Burgundy | metal



White | metal



Ivory | majolica

- **Pellet fired thermo-stove** with exceptional performance
- Energy Class **A+**
- Nominal Input **24-30.5 kW**
- Volume that can be heated: **550-750 m³** (datum referred to well insulated rooms)
- Available in 4 models, with casing in: **metal**, painted with heat-resistant powders (burgundy and white) and **majolica** (ivory and burgundy)
- The majolica covering technology exploits the characteristic of storing the heat produced by combustion, and then, progressively, transfer it by radiation even when the stove is off.
- Combustion chamber made from sturdy and thick steel walls to guarantee a long life with constant heat exchange efficiency between flame and fluid.
- **High efficiency heat exchanger with vertical smoke ways:** it guarantees high performance and easy access for cleaning without the use of special tools.
- **Door with wide opening and ceramic glass (800 °C).** Closing through 3 concealed locking points that guarantee a complete seal. The closing is monitored by a safety sensor connected to the control PCB.
- **The reservoir has a capacity of 60 kg of pellet**, to guarantee a long autonomy
- Large ashes drawer, easily accessible
- Environmental certification: **4-star**



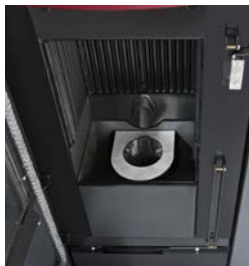
Bordeaux | majolica



Majolica cover



Door with 3 locking points



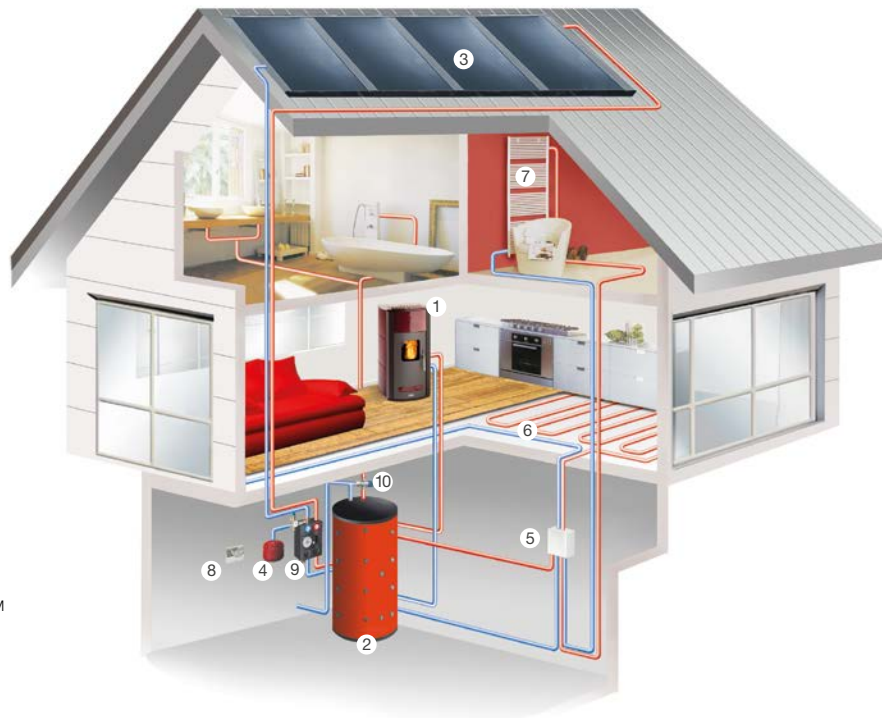
Brazier



Quick access for smoke ducts cleaning

- 1 T.it AQ
- 2 MULTIPOWER PUFFER WITH SOLAR INTEGRATION COIL
- 3 SOLAR COLLECTORS KIT
- 4 SOLAR EXPANSION TANK
- 5 DISTRIBUTION MODULE
- 6 FLOOR HEATING SYSTEM
- 7 HIGH TEMPERATURE HEATING SYSTEM
- 8 SOLAR CONTROL UNIT
- 9 SOLAR CIRCULATION GROUP
- 10 THERMOSTATIC MIXER

The AQ hydro-stoves can be adapted to existing systems, even in **combination with other renewable energy sources.**



Control panel

- Digital backlit LCD control panel
- 5 levels of power
- Weekly programmer with 15 levels
- Alarms history recording with Date & Time
- Optimization of combustion according to pellet quality through a dedicated function
- Remote management with Wi-Fi BOX kit (optional), for an easy management both, at home and away from home, or for remote assistance request
- External thermostat with possibility to be controlled from remote (optional) for T.it 12.5 C and T.it AQ



Multi-function remote control (standard supplied for ventilated stoves):

allows the management, adjustment and programming of the stove comfortably from remote.



Wi-Fi BOX module (optional)

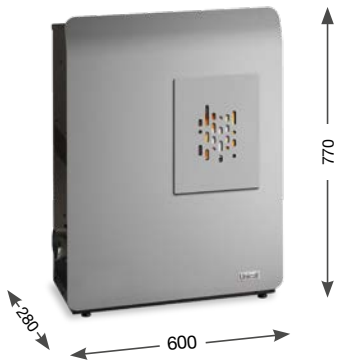
Through APP it is possible to manage the stove also from remote via your Smartphone / Tablet.



Technical data and dimensions

T.it		4.9	7.5	12.5 C ductable type*	24 AQ	34 AQ
NOMINAL INPUT (min.-max.)	kW	2.6 - 5.3	2.6 - 8.0	5.1 - 12.0	5.3 - 24.0	8.6 - 30.5
NOMINAL OUTPUT (min.-max.)	kW	2.4 - 4.7	2.5 - 7.2	4.8 - 10.5	4.3 - 22.0	7.4 - 28.0
ENERGY CLASS		A+	A+	A+	A+	A+
ENVIRONMENTAL CERTIFICATION		★★★★	★★★★	★★★★	★★★★	★★★★
EFFICIENCY (min.-max. output)	%	91.8 - 87.3	93.3 - 90.3	93.2 - 87.2	93 - 91.5	93.5 - 90.0
PELLET CONSUMPTION (min.-max. output)	kg/h	0.52 - 1.12	0.47 - 1.6	0.9 - 2	1.1 - 5.3	1.9 - 7
PELLET RESERVOIR CONTENT	l/kg	10 - 6.5	23 - 15	24.6 - 16	87.7 - 60	87.7 - 60
AUTONOMY (min.-max. output)	h	12.5 - 5.8	31.9 - 9.3	14.4 - 8	51.8 - 10.7	30 - 8.1
HEATING VOLUME datum referred to well insulated houses. 18/20 °C - coefficient 0.045 kW/m³ (max)	m³	45 ÷ 108	45 ÷ 190	45 ÷ 205	550	750
SMOKE OUTLET Ø	mm	80	80	80	80	80
ROOM SEALED		NO	YES	YES	YES	YES
WEIGHT	kg	38	68	91	186	188

* version prepared for 2 ducts Ø 60 mm with a maximum length of 6 m



T.it 4.9



T.it 7.5



T.it 12.5 C



T.it 24-34 AQ



Unical



www.unical.eu