

# BLUEHELIX TOP RRT K 50 CONDENSING WALL HUNG BOILER, STAINLESS STEEL DHW STORAGE TANK



## > STRENGTHS:

- Boiler with **high thickness stainless steel primary heat exchanger, with large passes** (the largest in the category) guaranteeing duration and reduced maintenance, it maintains high efficiency even on old systems with oxidation and soiling
- **A+ SYSTEM**: combined with the modulating remote control and the external probe (optional) it reaches the top efficiency class **A+** (scale from G to A+++)
- It easily adapts to the load conditions thanks to the **broad modulating range** that can reach **1:12** (mod. 34, 1:10 mod. 28)
- **MC²: Multi Combustion Control**, new combustion system with industrial-derived gas-adaptive patented technology for better adaptability of use to the varying gas network conditions (e.g. pressure fluctuations or drops)
- **M.G.R: Methane, LPG, Propane-Air Ready** with a simple configuration the boiler can run on methane, LPG and propane-air without the use of any additional conversion kits
- **Exclusive exchanger-burner system with self-cooling door**: it simplifies maintenance and lowers the cost thanks to a lower number of parts that need replacing.
- **DHW production** with 50-litre stainless steel storage tank
- Set-up for **recirculation fittings** (provided with the accessory: fitting connection kit)
- **Hydraulic fittings covered** by the boiler shell
- Large multi-purpose **backlit graphic display** to set parameters easily and correctly
- **Bypass as per standard**

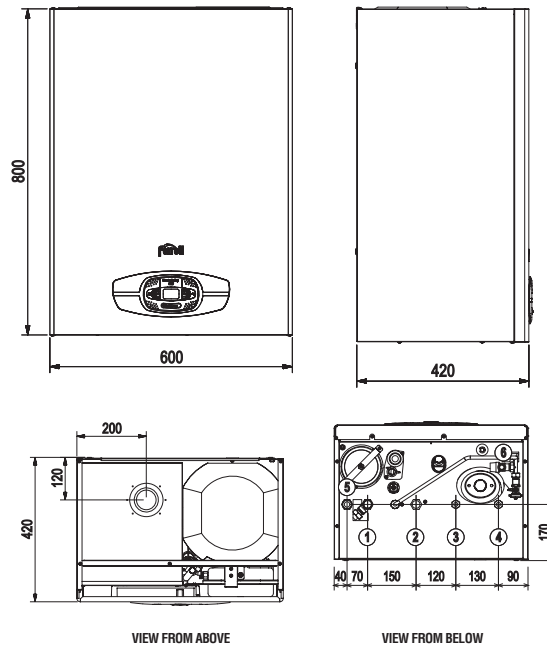
## > ADVANTAGES OF BLUEHELIX TOP RRT K 50:

- Particularly suitable for operation in flues requiring "heavy duty" pipes thanks to approval for operation with 50mm diameter flue outlets
- **F.P.S:** Flue gas Protection System. The flue gas check valve provided as per standard offers easy connection to pressurised collective flue systems (e.g. in restructuring), in accordance with regulation UNI 7129
- **Designed to simplify and make normal maintenance and cleaning steps easier**
- **Antilegionella function** with programmable timing
- **Timed block protection** for circulator and three-way valve
- **Certified 3-star comfort in DHW production mode** in accordance with EN 13203
- **Sliding temperature operating mode** through external probe (optional)
- **Low consumption modulating heat pump (ErP Ready - Class A)**
- **Digital flame control** with three ignition tries if operation gets blocked due to failed flame detection (methane mod.)



MODEL			28 K 50	34 K 50
ERP Class		(Class G - A++)	<b>A</b>	<b>A</b>
		(Class G - A)	<b>XL A</b>	<b>XXL A</b>
Heat input (LCV)	Heating Min / Max Max DHW	kW kW	2.9 / 24.5 28.5	2.9 / 30.6 32.7
Heat output	80°C-60°C 50°C-30°C	Heating Min / Max	2.8 / 24.0	2.8 / 30.0
		Max DHW	28.0	34.7
		Heating Min / Max	3.1 / 26.0	3.1 / 32.5
Useful thermal efficiency	80°C-60°C	Pmax % / Pmin %	98.1 / 97.8	97.9 / 98.0
	50°C-30°C	Pmax % / Pmin %	106.1 / 107.5	106.1 / 107.5
	Reduced load 30%	Pmax %	109.7	109.5
Nox emissions class		class	6	6
Storage tank capacity		litres	50	50
Domestic hot water production	Δt 30°C	l/10 min	161	195
	Δt 30°C	l/h	831	1005
Heating working pressure	Max	bar	3	3
DHW working pressure	Max	bar	9	9
Empty weight		kg	62	65
<b>No. of pieces/pallets</b>		<b>no.</b>	<b>6</b>	<b>6</b>
<b>CODE</b>		<b>NATURAL GAS</b>	<b>0T3T2AWA</b>	<b>0T3T3AWA</b>




## BLUEHELIX TOP RRT 28 / 34 K 50






### > KEY

- |                                |                  |
|--------------------------------|------------------|
| 1 3/4" heating system delivery | 4 1/2" DHW inlet |
| 2 3/4" heating system return   | 5 3/4" gas inlet |
| 3 1/2" DHW outlet              | 6 safety valve   |

### > ACCESSORIES FOR FLUES DIAMETER Ø 50 MM

	DESCRIPTION	CODE
	Extension 1 m Ø 50 twin pipes	041086X0
	Bend 90° Ø 50 twin pipes	041085X0
	Reduction from Ø 80 to Ø 50 twin pipes (1 piece)	041087X0

### > HYDRAULIC AND CONTROL ACCESSORIES - STARTING FLUE ACCESSORIES

	DESCRIPTION	CODE
	kit for connection of fittings complete with gas tap with cone, DHW tap, 2 system taps, pipes, nipple, gaskets, recirculation fitting	012045W0
	outdoor probe	013018X0
	thermostatic mixer kit 1/2" connections	013002X0

	DESCRIPTION	CODE
	90° coaxial bend, 360° swivel with 45° pitch Ø 100/60 mm for condensing boilers	041084X0
	coupling for vertical coaxial pipe Ø 80/125 mm for condensing boilers	041006X0
	coupling for vertical coaxial pipe Ø 100/60 mm for condensing boilers	041083X0
	discharge kit twin pipes 80/80 for condensing boilers complete with test point	041082X0