

# BLUEHELIX TECH S 45 H WALL HUNG CONDENSING BOILERS, HEATING ONLY



## > STRENGTHS:

- **Boiler body** with high thickness stainless steel primary exchanger
- **Stainless steel full pre-mixing burner**
- Digital control **panel**
- **Electronic flame modulation** in heating and in DHW
- Can be combined with the **modulating remote control**
- Large **multi-purpose backlit graphic display** to set parameters easily and correctly
- **By-pass** with standard supply
- **Elegant design and compact size**
- **Outer casing** coated with white anaphoresis epoxy powders

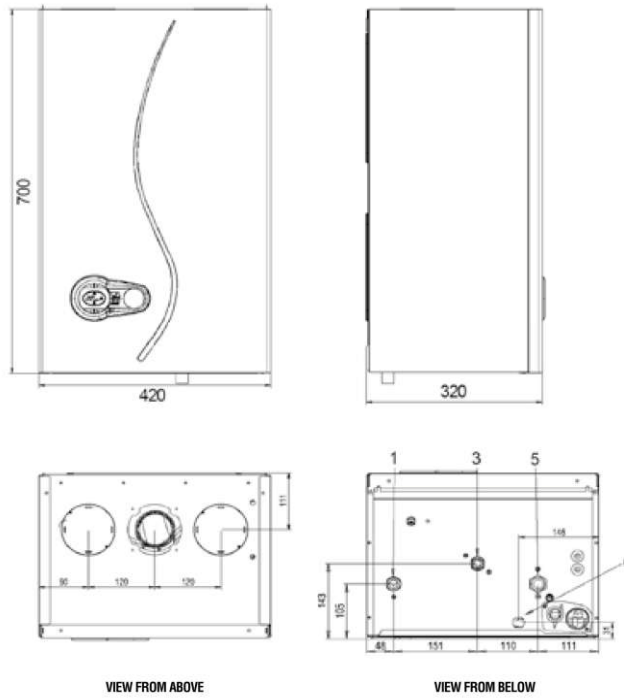
## > ADVANTAGES OF BLUEHELIX TECH 45 H:

- **ECO** function in domestic mode for more **savings** when hot water is not really used
- **Sliding temperature operating mode** through outdoor probe (optional)
- **Minimum polluting emissions** (class 6 according to EN 15502-1)
- **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 (natural gas mod.)



MODEL			S 45 H
ERP Class		(Class G - A*)	<b>A</b>
Heat input (L.C.V.)	Heating Min / Max DHW Max	kW kW	7.5 / 43.0 -
Heat output 80°C-60°C 50°C-30°C	Heating Min / Max Heating Min / Max	kW kW	7.3 / 42.1 8.0 / 45.6
Useful thermal efficiency	80°C-60°C	Pmax % / Pmin %	98.0 / 97.8
	50°C-30°C 30% partial load	Pmax % / Pmin % Pmax %	106.1 / 107.5 108.8
Domestic hot water production	Δt 30°C	l/min	-
	Δt 25°C	l/min	-
Heating operating pressure	Max / Min	bar	4.5 / 0.8
Empty weight		kg	33.5
<b>No. of pieces/pallet</b>		<b>nr.</b>	<b>10</b>
<b>CODE</b>		<b>NATURAL GAS</b>	<b>OT2D5IWA</b>

## BLUEHELIX TECH S 45 H



### > KEY

- 1 3/4" heating system flow
- 2 3/4" storage tank delivery
- 3 1/2" gas inlet
- 4 3/4" storage tank return
- 5 3/4" heating system return
- 6 safety valve

## > HYDRAULIC AND CONTROL ACCESSORIES - STARTING FLUE ACCESSORIES

DESCRIPTION	CODE
 outdoor probe	013018X0
 kit for management with thermostat (not supplied) of a dhw storage tank	013017X0

DESCRIPTION	CODE	
 coupling for vertical coaxial pipe ø 100/60 mm for condensing boilers	041002X0	
 coupling for vertical coaxial pipe ø 80/125 mm for condensing boilers	041006X0	
 90° coaxial bend, 360° swivel with 45° pitch ø 100/60 mm for condensing boilers	041001X0	
 discharge kit twin pipes 80/80 for condensing boilers complete with test point	041039X0	
 additional sensor for managing any external storage tank	cable 2 m	1KWMA11W
	cable 5 m	043005X0