

MODULO RRT H

THERMAL MODULES IN BATTERY FOR MEDIUM POWER STATIONS



Thermal unit composed by a cascade of two boiler of the series BLUEHELIX HITECH RRT H
MODULO RRT H is composed by:

- 2 condensing wall hung boilers, BLUEHELIX HITECH RRT H, for heating only model, equipped as standard with a diverter valve for possible connection to an external boiler for domestic hot water
- Reversible (dx/sx) hydraulic, gas and condensate manifold
- Safety accessories kit
- Frame for supporting the hydraulic and gas manifold kit
- Reversible flue gas manifold for left and right outlets complete with connection pipes to the boilers without the need for further adapter kits
- Thermoregulation system and cascade manager unit THETA* series



BLUEHELIX HITECH RRT		28 H + 28 H	34 H + 34 H	45 H + 45 H
ERP Class	 (Class G - A++)	A	A	A
Heat input max / min	kW	57,0 / 3,5	69,4 / 3,5	87,8 / 6,4
Heat output max / min 80°C-60°C	kW	55,8 / 3,4	64,0 / 3,4	85,8 / 6,3
Heat output max / min 50°C-30°C	kW	60,4 / 3,8	73,6 / 3,8	93,0 / 6,9
Efficiency Pmax / Pmin 80-60°C	%	97,8 / 98,0	97,8 / 98,0	97,8 / 98,0
Efficiency Pmax / Pmin 50-30°C	%	106,1 / 107,6	106,1 / 107,6	106,1 / 107,6
Efficiency reduced load 30%	%	109,5	109,5	109,5
NOx Class	-	6	6	6
Operating pressure	bar	3 / 0,8	3 / 0,8	3 / 0,8

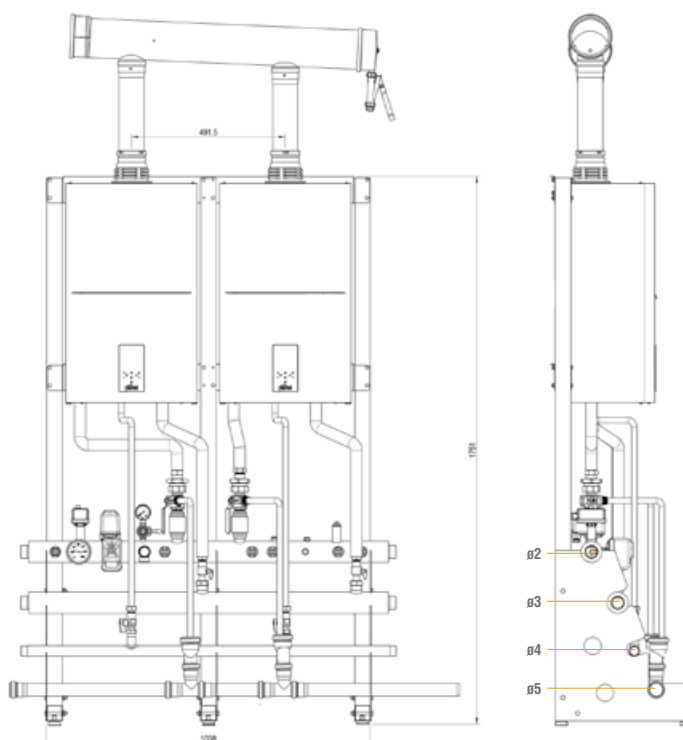
(*) For the features of BLUEHELIX HITECH RRT H consult the pages of the sections "wall hung boiler" and "heating high power" of the Ferroli international catalogue

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INSTALLATION INSTRUCTIONS



- For the correct operating of the system it's strongly recommended to install a separated element between the generator and the system
- In case of installations with direct flue gas outlet, the manifold kits must be replaced with other kits and relative start accessories (coaxial or split type)
- The hydraulic kit is supplied complete of safety accessories: Pressure switch / Minimum pressure switch / Safety thermostat / Thermometer / Manometer



> **KEY** Ø1 Flue gas manifold exit Ø 125 mm Ø2 Heating system flow Ø 1 1/4" Ø3 Heating system return Ø 1 1/4" Ø4 Gas supply Ø 1" Ø5 Condensate manifold

ACCESSORIES REQUIRED FOR INSTALLATION IN A BATTERY (AS SHOWN IN THE FIGURE)

BATTERY	A			B	C	D
	BLUEHELIX HITECH RRT 28 H	BLUEHELIX HITECH RRT 34 H	BLUEHELIX HITECH RRT 45 H	Frame kit MODULO RRT H	Hydraulic and gas manifold kit MODULO RRT H	Flue gas manifold kit MODULO RRT H
						
	0T4D4AWA	0T4D7AWA	0T4D9AWA	042092X0	042087X0	041113X0
	nr.	nr.	nr.	nr.	nr.	nr.
28 H + 28 H	2			1	1	1
34 H + 34 H		2		1	1	1
45 H + 45 H			2	1	1	1

ACCESSORIES ON REQUEST FOR CONFIGURATION ACCORDING TO THE SPECIFICATIONS OF THE PROJECT

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

DESCRIPTION	CODE
 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
 auxiliary antifrost kit down to -15°C	013022X0