







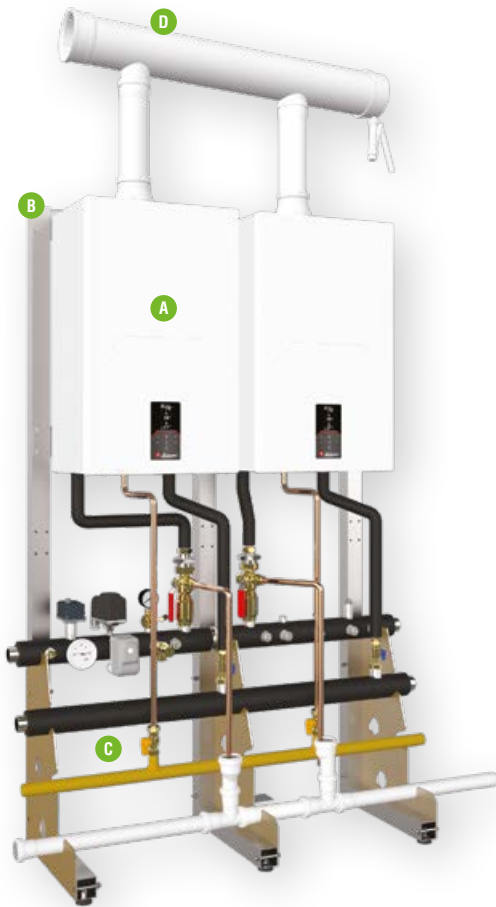
Modulo Tech H

Thermal modules in battery for medium power stations

Thermal unit composed by a cascade of two boiler of the series ALHENA TECH H. MODULO RRT H is composed by:

- 2 condensing wall hung boilers, ALHENA TECH 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

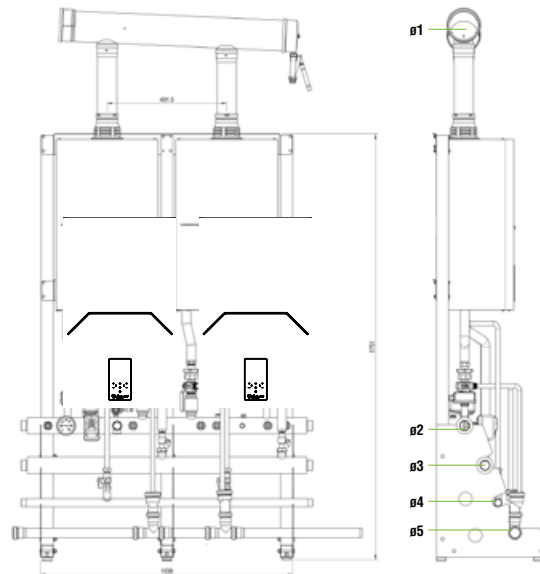
ALHENA TECH		28 H + 28 H	34 H + 34 H	45 H + 45 H
ERP Class	 (Class G - A ⁺)			
Heat input max / min	kW	57,0 / 7,0	69,4 / 7,0	87,8 / 12,8
Heat output max / min 80°C-60°C	kW	55,8 / 6,8	64,0 / 6,8	85,8 / 12,6
Heat output max / min 50°C-30°C	kW	60,4 / 7,6	73,6 / 7,6	93,0 / 13,8
Efficiency Pmax / Pmin 80-60°C	%	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 carico ridotto 30%	%	109,5	109,5	109,5
NOx Class	-	6	6	6
Operating pressure	bar	3 / 0,8	3 / 0,8	3 / 0,8



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 the 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 the safety accessories: Pressure switch / Minimum pressure switch / Safety thermostat / Thermometer / Manometer

Ø1	Flue gas manifold exit	Ø 125 mm
Ø2	Heating system flow	Ø 1" ¼
Ø3	heating system return	Ø 1" ¼
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
	ALHENA TECH 28 H	ALHENA TECH 34 H	ALHENA TECH 45 H	Frame kit MODULO TECH H	Hydraulic and gas manifold kit MODULO TECH H	Flue gas manifold MODULO TECH H
	0T4D4AWD	0T4D7AWD	0T4D9AWD	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

Code	Description
041084X0	90° coaxial bend, 360° swivel with 45° pitch ø 100/60 mm for condensing boilers
041006X0	coupling for vertical coaxial pipe ø 80/125 mm for condensing boilers

Code	Description
041083X0	coupling for vertical coaxial pipe ø 100/60 mm for condensing boilers
041082X0	discharge kit - twin pipes 80/80 for condensing boilers complete with test point
013022X0	auxiliary antifrost kit down to -15°C