

# SPECIAL EQUIPMENT

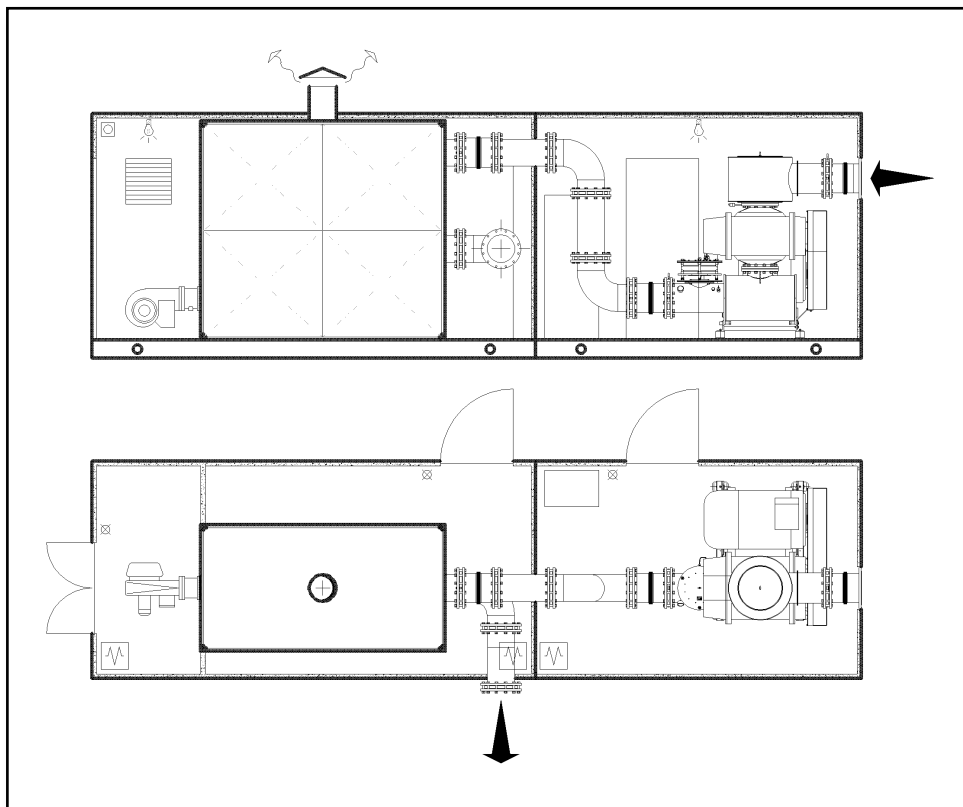
Alongside with “traditional” equipment, Tecnoclima designs and manufactures appliances for special uses or to be employed whenever specific performances are required in the framework of technological processes.

**Such appliances fully satisfy the need for overheated air or air with low heat drops. Versions featuring very high efficiency, flame modulation, condensing functioning mode, variable-speed fans, as well as suitable for very high static pressure or for low temperatures are available.**

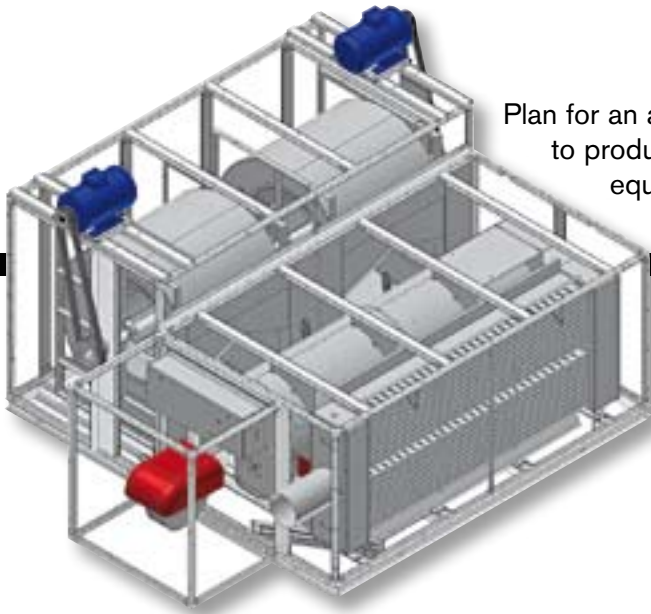
Tecnoclima designs special equipment to meet customized requirements:

- 108 % (combustion efficiency)
- 2.500 kW (heating capacity input)
- 55.000 Pa (useful static pressure)
- 150.000 Nm<sup>3</sup>/h (air flow rate)
- 600°C (overheated air temperature)
- – 55°C (outside air temperature)

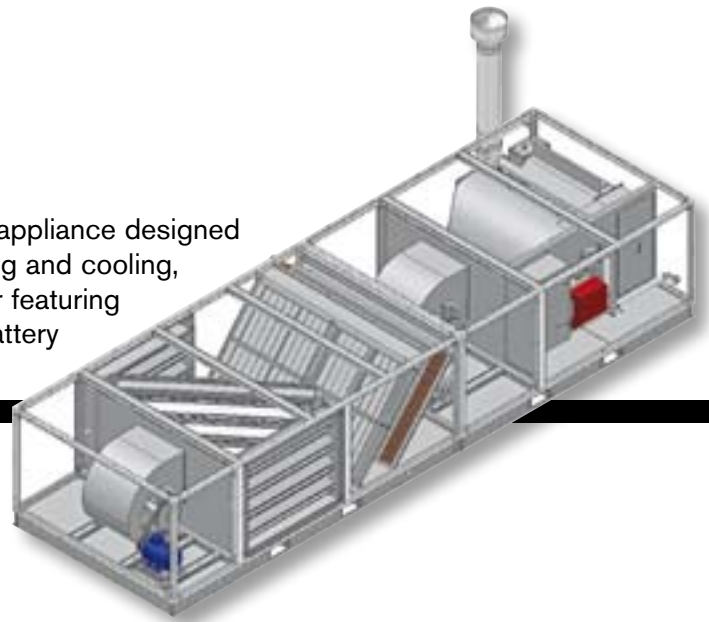
## CUSTOMIZED PROJECTS



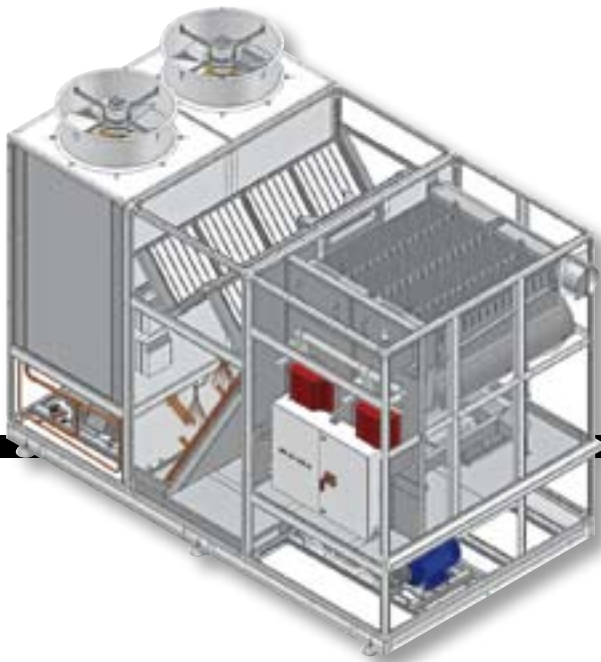
Plan for an appliance equipped with heat exchanger to produce overheated air for technological processes. Outside air is drawn at low temperature and is then released at a useful static pressure of 54,000 Pa.



Plan for an appliance designed to produce overheated air for industrial processes, equipped with heat exchanger featuring a modulating burner.

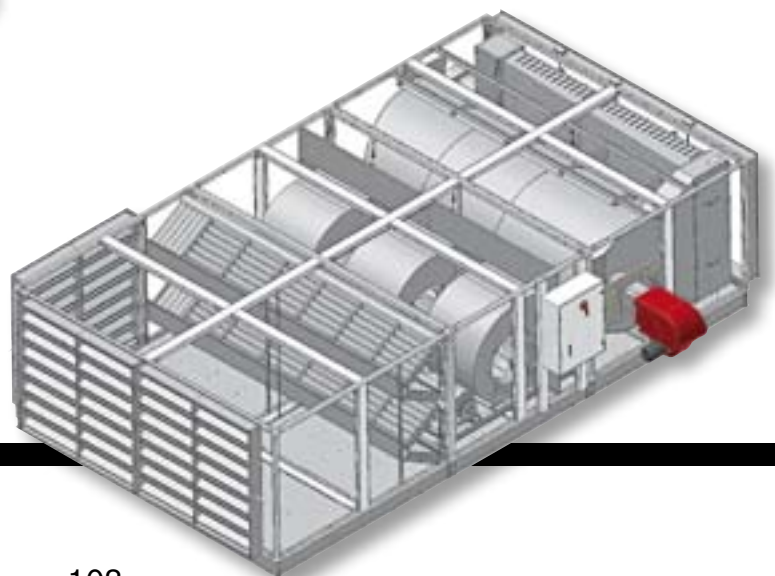


Plan for an appliance designed for air heating and cooling, equipped with condensing heat exchanger featuring a modulating burner and a special cooling battery employing well water.



Plan for an appliance designed for 100% fresh air heating and cooling, without recirculation, equipped with condensing heat exchangers featuring modulating burners and special chilling compressors.

Plan for an appliance designed to heat outside air drawn at very low temperature, equipped with condensing heat exchanger featuring a modulating burner. It is suitable for treating large air volumes at very high static pressure.



Appliances equipped with heat exchanger suitable to treat large air volumes at very low temperature; designed to heat up mines. (140,000 Nm<sup>3</sup>/h, -55°C)



Appliances equipped with heat exchanger designed to produce overheated air to be employed for drying processes. (350°C)

Heat exchangers to be employed in the framework of technological processes where overheated air with high static pressure is required. (1,600 Pa)



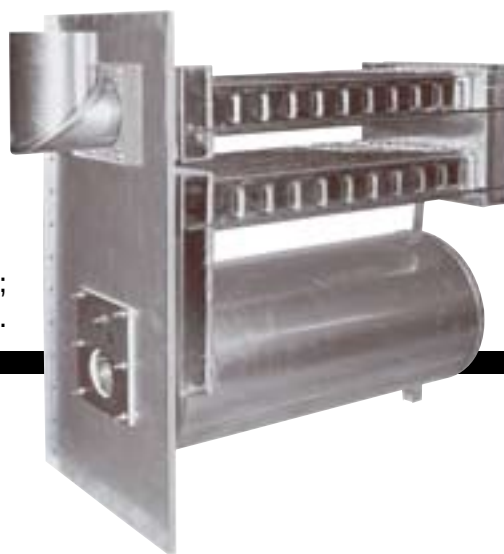
Appliances equipped with heat exchanger designed to produce extra hot air to be employed for roasting processes. (600°C)

Appliances equipped with heat exchanger designed to produce overheated air with high static pressure; to be employed in the framework of shipyard technological processes (120,000 Nm<sup>3</sup>/h, 200°C, 1,500 Pa).



Appliances equipped with heat exchanger designed to work at modulating functioning mode and with downwards air outlet; to be employed in the greenhouse sector.

Heat exchangers for the production of overheated air; designed for bakery and industrial ovens.



Top-efficiency appliances designed for air heating and cooling; to be employed for air-conditioning of large premises in the car industry.