

ECONOMIZER (optional)

The economizers for the recovery of the residual heat from the smokes at the outlet of the boiler, are available as optional kits.

Average efficiency recovery: 3 to 4%, with remarkable fuel saving.

Material: Carbon steel; on request stainless steel.

BOILER TYPE	ECONOMIZER TYPE
2200 Low NOx / 2500 STD	Eco tipo 1
3050 Low NOx / 3500 STD	Eco tipo 2
3800 Low NOx / 4500 STD	Eco tipo 3
5000 Low NOx / 5800 STD	Eco tipo 4
6300 Low NOx / 7000 STD	Eco tipo 5
7500 Low NOx / 8500 STD	Eco tipo 6
9500 Low NOx / 10200 STD	Eco tipo 7
11300 Low NOx / 12500 STD	Eco tipo 8
14000 Low NOx / 15000 STD	Eco tipo 9



TECHNICAL FEATURES



Heat exchanger smoke / water with exchange battery with finned pipes suitable for operation with natural gas / LPG or light oil.

- Flanged connections for water inlet and outlet
- Box for connection boiler /chimney
- Connection for condensates drain
- Smoke temperature measuring point

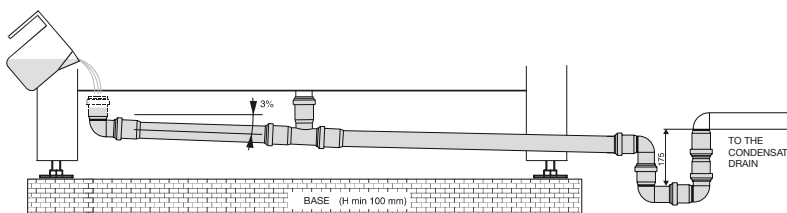
The economizers are available in **two versions**:

- Version for operation with gaseous fuels
- Version for operation with light oil or dual fuel (gas & oil) burners

CONDENSATES DRAIN WITH ECONOMIZER OR CONDENSER

The economizers are endowed with connection for condensate drain in sewage, that has to be:

- Realized in such way to prevent the spillage of the combustion products in the environment or in sewage;
- Sized and realized so that to allow the correct evacuation of the condensates avoiding possible leakages;
- Installed in such way that the freezing of the condensate cannot take place under the foreseen operation conditions.



- Minimum height of the siphon requested by the Standard
- Minimum height with the boiler operating at its maximum capacity.

In case in which was not possible to create a base of 100 mm, it is possible to position the boiler on the floor level and to create a sump at least 100 mm deep in order to lodge the siphon.