



## TRIOPREX N

Pressurised steel boiler for gas or oil pressure jet burners, complete with casing. For sliding temperature operation, down to 36°C with oil burners and 46°C with gas burners

- Very low polluting emissions, thanks to:
  - Three pass boiler, without reversion in combustion chamber
  - New furnace with flame passage
  - Reduction of thermal load per cubic metre (increase of combustion chamber volume if compared with traditional boilers)
- Highly condensate resistant, thanks to driven water inside the boiler body
- Complete insulation with 80 mm thick glass wool mattress, to guarantee high seasonal efficiency thanks to reduced heat losses
- Fully adjustable door with double opening (left and right) with ceramic fibre insulation (-30% radiation heat losses)
- Approval as output ranged boiler
- Easy to transport and install thanks to vertical structure (max width, without casing, 79 cm up to 600 kW model)
- Construction according to EN 303, part 1 in carbon steel according EN 10025
- External panel board with electromechanical controls
- Recommended for Low Nox pressure jet burners
- Anti-condensing smoke chamber with double wall insulation
- Maximum Working Pressure: 5 bar (for models TXN 65 up to TXN 840) and 6 bar (for models TXN 1100 up to TXN 1900) it is possible, under specific request, to provide a MWP up to 10 bar

*Optional:*

- Panel board with outer compensator and outdoor temperature sensor



### Technical Data

TRIOPREX N	65	85	110	150	185	225	300	380	500		
NOMINAL OUTPUT	kW	65	85	110	150	185	225	300	380	500	
NOx EMISSIONS	ppm	45	45	45	45	45	45	45	45	45	
CO EMISSIONS	ppm	15	15	15	15	15	15	15	15	15	
HEIGHT	mm	950	950	1115	1115	1215	1215	1385	1385	1645	
WIDTH	mm	740	740	830	830	870	870	910	910	920	
DEPTH	mm	975	1235	1170	1430	1365	1495	1560	1755	1915	
WEIGHT	kg	307	348	426	503	564	621	812	906	1295	
TRIOPREX N	630	730	840	1100	1320	1600	1900				
NOMINAL OUTPUT	kW	630	730	840	1100	1320	1600	1900			
NOx EMISSIONS	ppm	45	45	45	45	45	45	45			
CO EMISSIONS	ppm	15	15	15	15	15	15	15			
HEIGHT	mm	1645	1645	1432	1542	1542	1892	1892			
WIDTH	mm	920	920	1122	1462	1462	1622	1622			
DEPTH	mm	2110	2305	2505	2802	3172	3242	3564			
WEIGHT	kg	1430	1560	1581	2444	2965	3885	4089			

Max Working Pressure: 5 bar up to model TX N 840, 6 bar from model TX N 1100 up to TX N 1900