

GoGaS®

WE BRING HEAT
STRAIGHT TO THE POINT

GoGaS innovation!



TRIGOMAX

Flue Gas
Heat Exchanger

GoGaS – Your Big Plus

- Increased system efficiency up to 100 %
- Condensing technology for low intensity heaters



TRIGOMAX – Flue Gas Heat Exchanger

TRIGOMAX - Technical data

Max. connected thermal load	40 kW
Flue gas inlet temperature	< 210 °C
Flue gas outlet temperature	< 60 °C
Blower capacity	approx. 800 m³/h
Thermal efficiency of the low intensity heater	min. 98% max. 110%*
Total length	4,000 mm
Heat exchanger length	3,250 mm
Weight	approx. 65 kg

* considering LHV



What is more efficient than a GoGaS installation?
A GoGaS installation with TRIGOMAX. The condensing heat exchanger is delivered ready to install onto GoGaS low intensity heaters, whether they are individually exhausted or connected by an exhaust system.

TRIGOMAX uses the residual heat in flue gas to warm up fresh air which is then vented directly where it is needed. Inside the three-shelled aluminum heat exchanger the fresh air flows in the opposite direction as the hot flue gas.

This countercurrent exchange allows for a maximized heat transfer. With TRIGOMAX, low intensity heaters can reach a record 110% thermal efficiency.

The low exit temperature of the ventilated air (24°C to 40°C) contributes to an improved air circulation. TRIGOMAX prevents heat layering under the ceiling and provides warm air for various applications: warm air curtains, heating adjoining rooms, ventilating the air between shelves etc.

Highlights – Convincing, point for point

- Increased thermal efficiency of the low intensity heater (up to 110%)
- Short amortization time
- Aluminum heat exchanger for maximized heat transfer
- Direct use of the resulted warm air – no need for additional hot water storage tank outside the building
- The low temperature of the exit flue gas allows for a low priced plastic exhaust
- Flexible incorporation in plastic exhaust systems combining up to 10 low intensity heaters (max. 450 kW)

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