

ENERGY RECOVERY ON GAS FUMES TRANSECO

FROM 30 TO 900 KW



CE compliance
• 2014/68/UE
• 2014/35/UE



Outdoor version



Various colours available on request

DESCRIPTION

Main body

- 304 L Stainless steel vertical cylinder (on steam and water side).
- Maximum service pressure: 7 bar (on water side).
- Access hatch for cleaning the finned tubes.
- Base made of galvanised metal sheet, compatible with pallet trucks and removable for wall mounting.
- Hoisting ring for lifting and 360° rotation.
- T-max. (on water side): 95°C • T-max. for gas fumes: 250°C.
- Condensates removed by a 316 L stainless steel siphon.
- 316 L stainless steel watertight vapour duct and flue.

Thermal insulation

- Insulation: 50 mm rockwool with M0 fire rating.
- Shell : pre-painted sheet metal finish (anti-corrosion paint).
- Can be partially dismantled without disconnecting the piping for access to the cleaning trap.

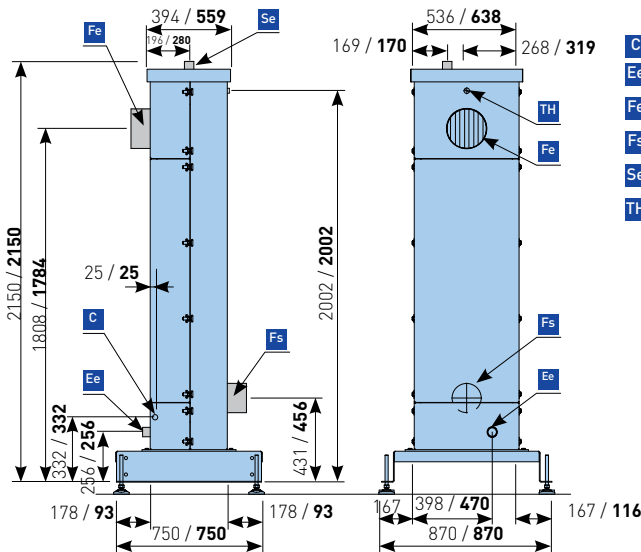
Options

- Boiler fitting kit: connection between TRANSECO and Hydrogaz®.
- Circulator kit: circulator (230 V • 220 W) + control and protection device.
- Hydraulic kit: valve + tee fitting + reducers + safety valve calibrated at 7 bar.
- Various colours available on request.
- Hoisting ring.

Warranties (in accordance with our general conditions of sale)

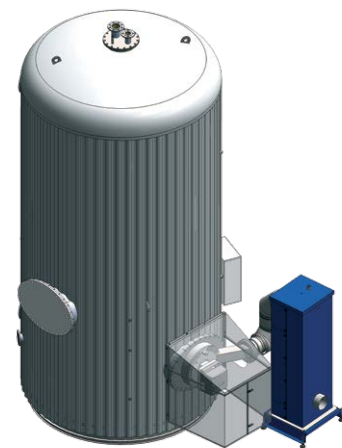
- Main body = 5 years.
- Accessories = 1 year.

DIMENSIONS



- C** Condensate outlet
- Ee** Water inlet
- Fe** Gas fumes inlet
- Fs** Gas fumes outlet
- Se** Water outlet
- TH** Thermostat sleeve

Dimensions (mm):
TRA0100 & TRA0200
TRA0500 & TRA0900



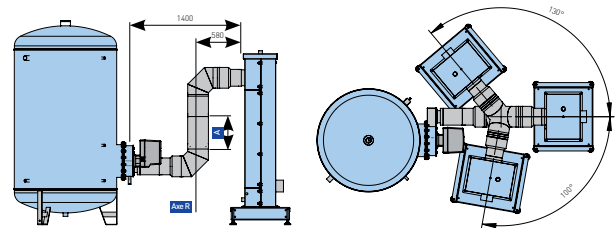
Connector diameter

Type of connection	Connector diameter
Fe - Gas fumes inlet	200 mm
Fs - Gas fumes outlet	150 mm
Ee - Water inlet	DN40
Se - Water outlet	DN40
C - Condensate outlet	DN20
TH - Thermostat sleeve	DN15

Weight

Model	Weight (kg)
TRA0100	162
TRA0200	170
TRA0500	280
TRA0900	300

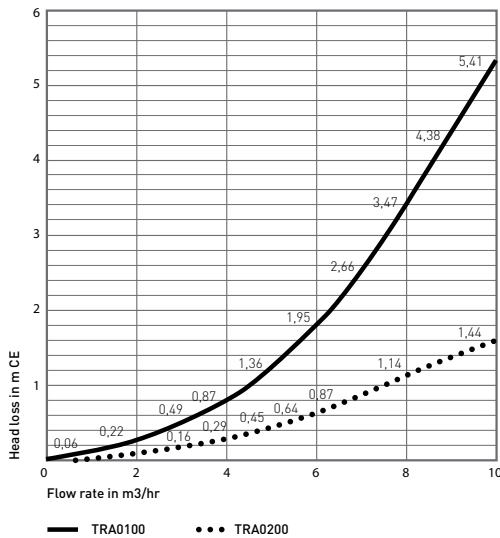
Boiler fitting kit



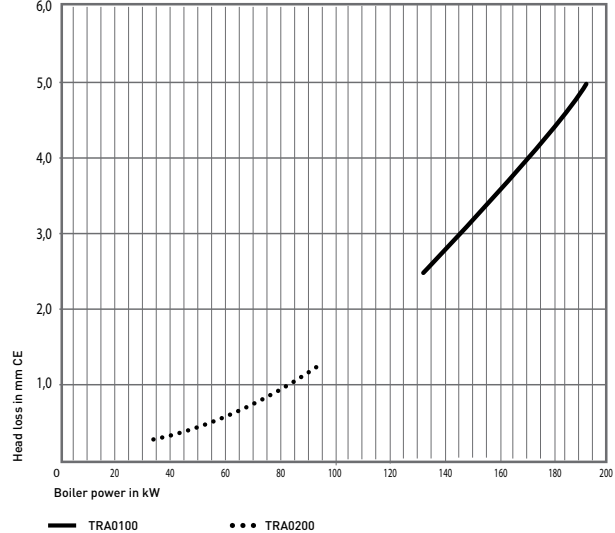
- A** Adjustable element from 300 mm to 450 mm
- Axis R** Possible to rotate in relation to this axis

HEAD LOSS AND PERFORMANCE DATA

Head loss in relation to water



Head loss in relation to gas fumes (T -°C 200°C and 20% excess air)



Reference	IPB*	Calorific power (kW)	Hydrogaz®	Calorific power (kW)	Water flow rate (m3/hr)
TRA0100	BIP 03s	34	TRG 32	34	1
			TRG 51	54	1
	BIP 06s	64	TRG 60	63	1
			TRG 90	95	1
TRA0200	BIP 12	127	TRG 120	133	2
			TRG 140	150	2
			Maximil 140	150	2
			Maximil 160	193	2
TRA0500	BIP 20	217	HDZ 250	280	5
			Maximil 240	296	5
	BIP 32	347	Maximil 320	386	5
			Maximil 420	490	5
TRA0900	BIP 54	584	Maximil 480	593	9
	BIP 90	900	Maximil 810	904	9

*Head loss TRA0500 and TRA0900 models available upon request.

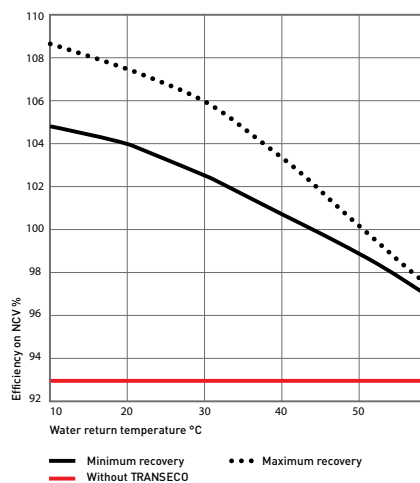
*IPB: Industrial pre-mix burner.

Efficiency on NCV (Net Calorific Value)* of the TRANSECO-generator unit depending on the water temperature.

*Data given for information purposes.

Conditions

- Natural gas
- 93% boiler efficiency
- 20% excess air
- Temperature of incoming gas fumes 160°C.
- Nominal water flow



AVAILABLE MODELS, OPTIONS AND PRICES

Reference Transeco	Power (kW)	
	Minimum	Maximum
TRA0100	30	100
TRA0200	90	200
TRA0500	190	500
TRA0900	490	900

Reference	Description
TRAKH	Hydraulic kit
TRAKC	Circulator kit (for models TRA0100 and TRA0200)
TRAKF150	Cylinder vapour kit for TRA0100
TRAKF200	Cylinder vapour kit for TRA0200
Upon request	Cylinder vapour kit for TRA0500
Upon request	Cylinder vapour kit for TRA0900