

nuova
Coterm
boilers



GTF

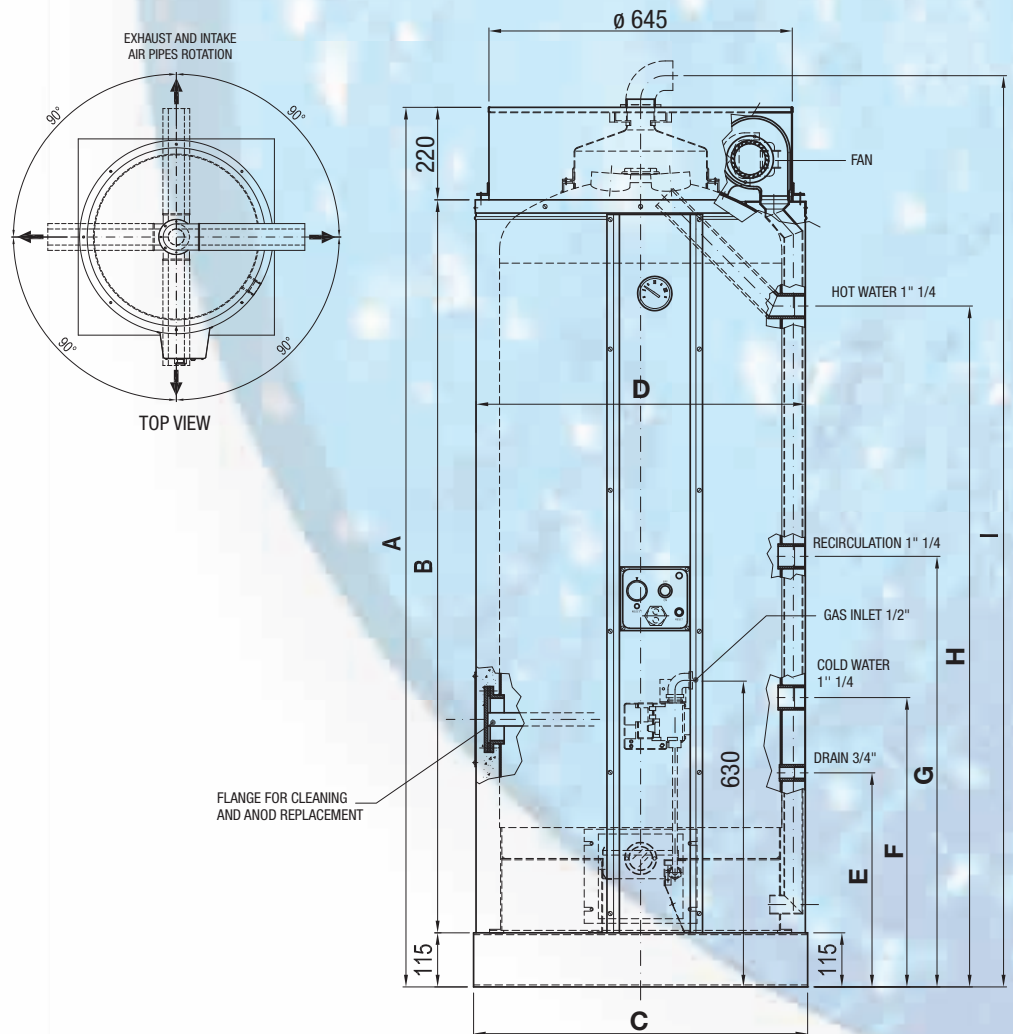
**Gas Fan Assisted
Sealed Chamber**



GTF 220 - 300 - 400 - 500 - 800

TECNOLOGY
SAFETY
MONEY SAVING

DIMENSIONAL FEATURES



SERIAL COMPONENTS FOR THE WHOLE RANGE

- Electronic ignition
- Flame detection by ionisation current
- Glasslined inner tank
- Flange for inspection and scale cleaning
- Room sealed combustion chamber
- Fan assisted combustion
- Orientable smokes exhaust
- Efficiency over 90%
- 2nd and 3rd family gas
- Easy installation

GTF	220	300	400	500	800
A	1589	1870	1735	2005	2145
B	1254	1558	1405	1675	1810
C	710	710	810	810	1010
D	700	700	800	800	1000
E	455	455	435	435	550
F	615	615	595	595	650
G	855	915	995	995	995
H	1155	1445	1075	1345	1595
I	1684	1970	1835	2105	2217

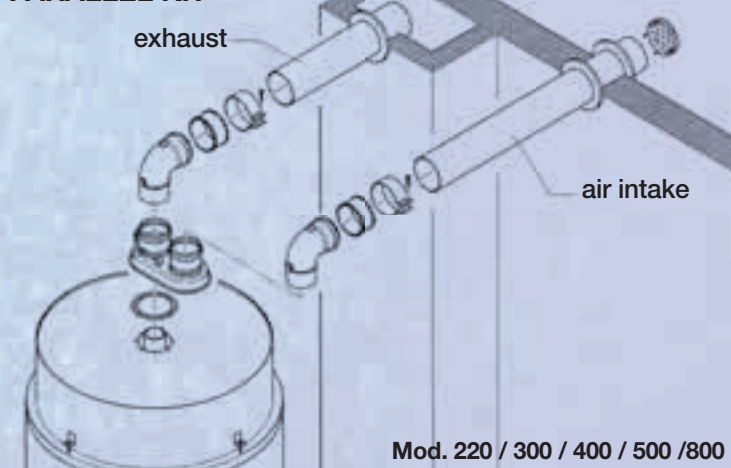
TECHNICAL FEATURES

MODEL	Unit	220	300	400	500	800
Capacity of the tank	lt	212	310	410	510	810
Nominal heat input	KW	30	34	34	34	34
Nominal heat output	KW	26,8	30,6	30,6	30,6	30,6
Combustion efficiency	%	92%	93%	93%	93%	94%
Natural gas rate (G20)	m ³ /h	3,17	3,60	3,60	3,60	3,60
LPG gas rate (G30/31)	Kg/h	2,13	2,50	2,50	2,50	2,50
Recovery time (ΔT 25°C)	min.	15	17	23	29	46
Recovery time (ΔT 45°C)	min.	28	31	41	52	82
Single withdraw (ΔT 25°C)	lt	484	660	880	1100	1760
Single withdraw (ΔT 45°C)	lt	268	366	488	611	977
Continuous water output (ΔT 25°C)	lt/h	921	1052	1052	1052	1052
Continuous water output (ΔT 45°C)	lt/h	512	585	585	585	585
Continuous water output (ΔT 30°C)	lt/h	768	877	877	877	877
Supply	volt	220-240	220-240	220-240	220-240	220-240
Frequency	hz	50	50	50	50	50
Total electrical power	w	62	62	62	62	62
Max water pressure	bar	6	6	6	6	6

With the goal to better satisfy the customer, the above data may vary without advice.

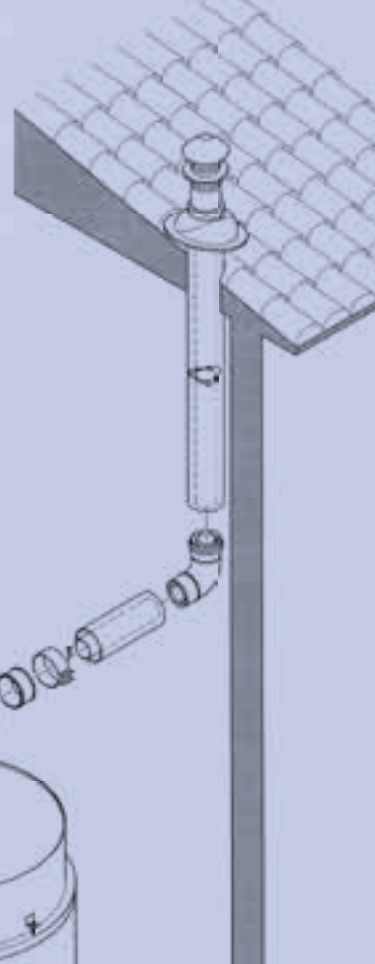
EXHAUST SOLUTIONS

PARALLEL KIT



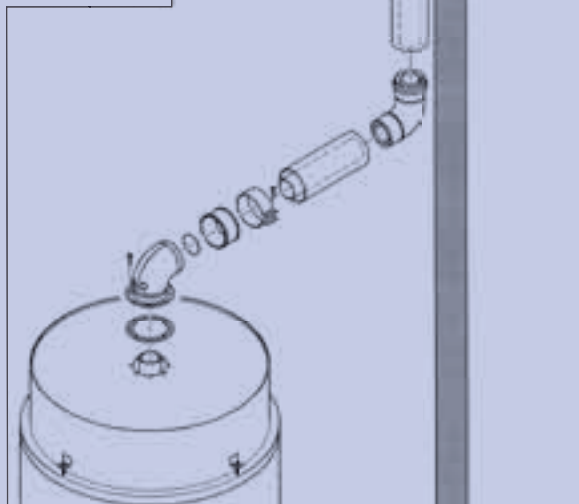
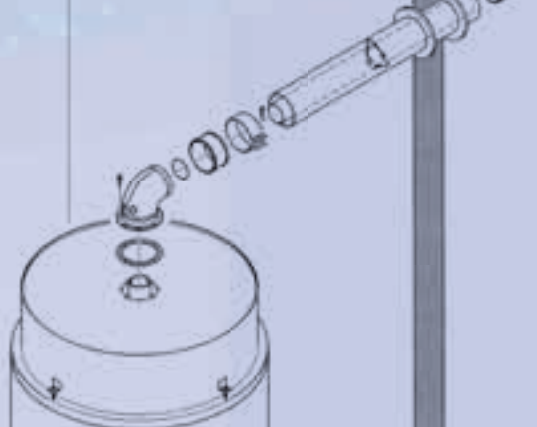
CONCENTRIC KIT TO ROOF

Mod. 220 / 300 / 400 / 500 / 800



CONCENTRIC KIT TO WALL

Mod. 220 / 300 / 400 / 500 / 800

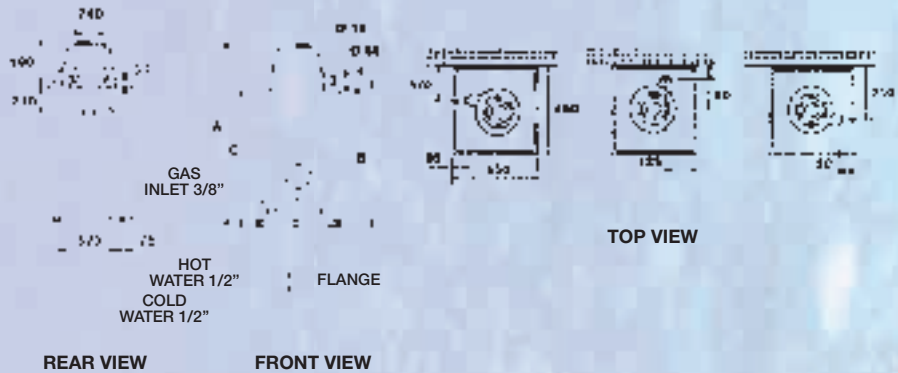


GTF

Gas Fan Assisted

GTF 80 - 120

DIMENSIONAL FEATURES



SERIAL COMPONENTS FOR THE WHOLE RANGE

- Electronic ignition
- Flame detection by ionisation current
- Glasslined inner tank
- Flange for inspection and scale cleaning
- Room sealed combustion chamber
- Fan assisted combustion
- Orientable smokes exhaust
- Efficiency over 90%
- 2nd and 3rd family gas
- Easy installation

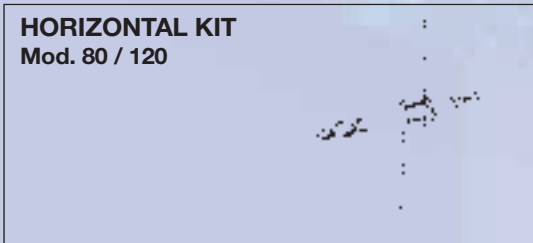
MODEL	80	120
A Total height (mm.)	1040	1400
B Exhaust height	895	1255
Inner diameter exhaust pipe (mm.)	38	38
Inner diameter air intake pipe (mm.)	60	60
Diameter flange for inspection and anod replacement (mm.)	85	85

TECHNICAL FEATURES

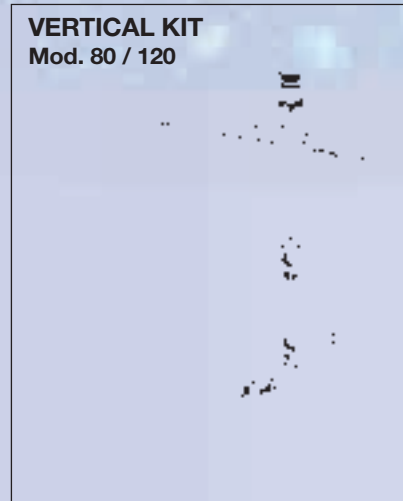
MODEL	Unit	80	120
Capacity	lt	75	115
Nominal heat input	Kcal/h	4300	4300
	K/W	5,0	5,0
Nominal heat output	Kcal/h	4040	4040
	K/W	4,7	4,7
Combustion efficiency	%	94%	94%
Single spillage at 40°C (termost. 70°C - inlet temp. 15°C)	lt	147	231
First 10 min. spillage at 40°C (termost. 70°C - inlet temp. 15°C)	lt	168	252
Recovery time at 40°C (inlet temp. 15°C)	min.	25	38
Continuous water output at 40°C (inlet temp. 15°C)	lt/h.	164	164
Supply	volt	220-240	220-240
Frequency	hz	50	50
Electrical power	w	26	26
Max water pressure	bar	6	6
Empty weight	Kg	49	49

EXHAUST SOLUTIONS

HORIZONTAL KIT
Mod. 80 / 120



VERTICAL KIT
Mod. 80 / 120



PARALLEL KIT
Mod. 80 / 120



nuova

Coterm

boilers

La Nuova Coterm s.r.l.
24068 SERRATE (Bg)
Via Levata, 10A
Tel. 035.290665
Fax 035.301843
E-mail info@coterm.com