

Technical sheet



VARMAX TWIN CONDENSING GAS BOILER FLOOR MOUNT MODEL IN STAINLESS STEEL



Varmax Twin

4 models from 550 kW to 900 kW

- Easy to install:
 - Built-in fume connectors
 - Optional hydraulic connector kits available
- Power range up to 900 kW.
- Modulation rate from 10 to 100 %



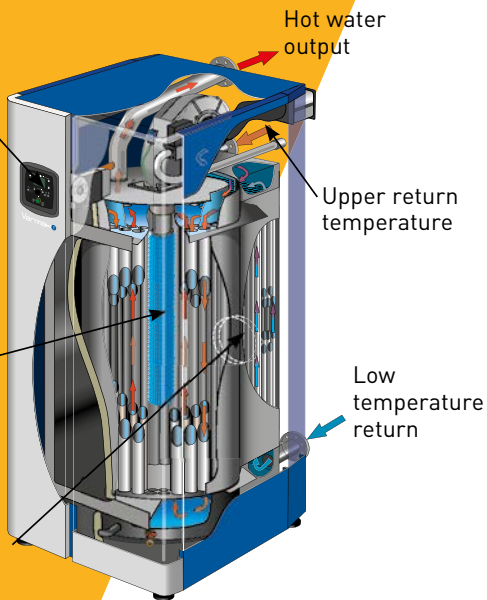
ygnis
The expert reference

VARMAX TWIN

Control panel equipped with a **NAVISTEM B3000** regulator

Modulating burner 20 to 100%

Flue or outlet valve connection (outlet valve kits available in accessories)



SUPPLIED AS STANDARD WITH

- Twin formed of 2 Varmax generators
- Independent generator control:
 - 1 **Navistem B3000** per generator
 - 1 OCI 345 per generator
 - 1 cascade outlet sensor QAZ 36
- Fume connections included (pour B23, B23p)
- Natural gas supply 20 mbar or 300 mbar

OPTIONS & ACCESSORIES

- Regulation options
- The base, counter-flanges, shock-absorber feet kits are shared with Varmax
- Condensates neutralization Kit
- Mag'net magnetic sludge filter
- Twin hydraulic kits available in 2 and 3 connector versions

DETAILS

- Power supply 230V 50Hz
- Maximum flow setpoint temperature 85° C

WARRANTY

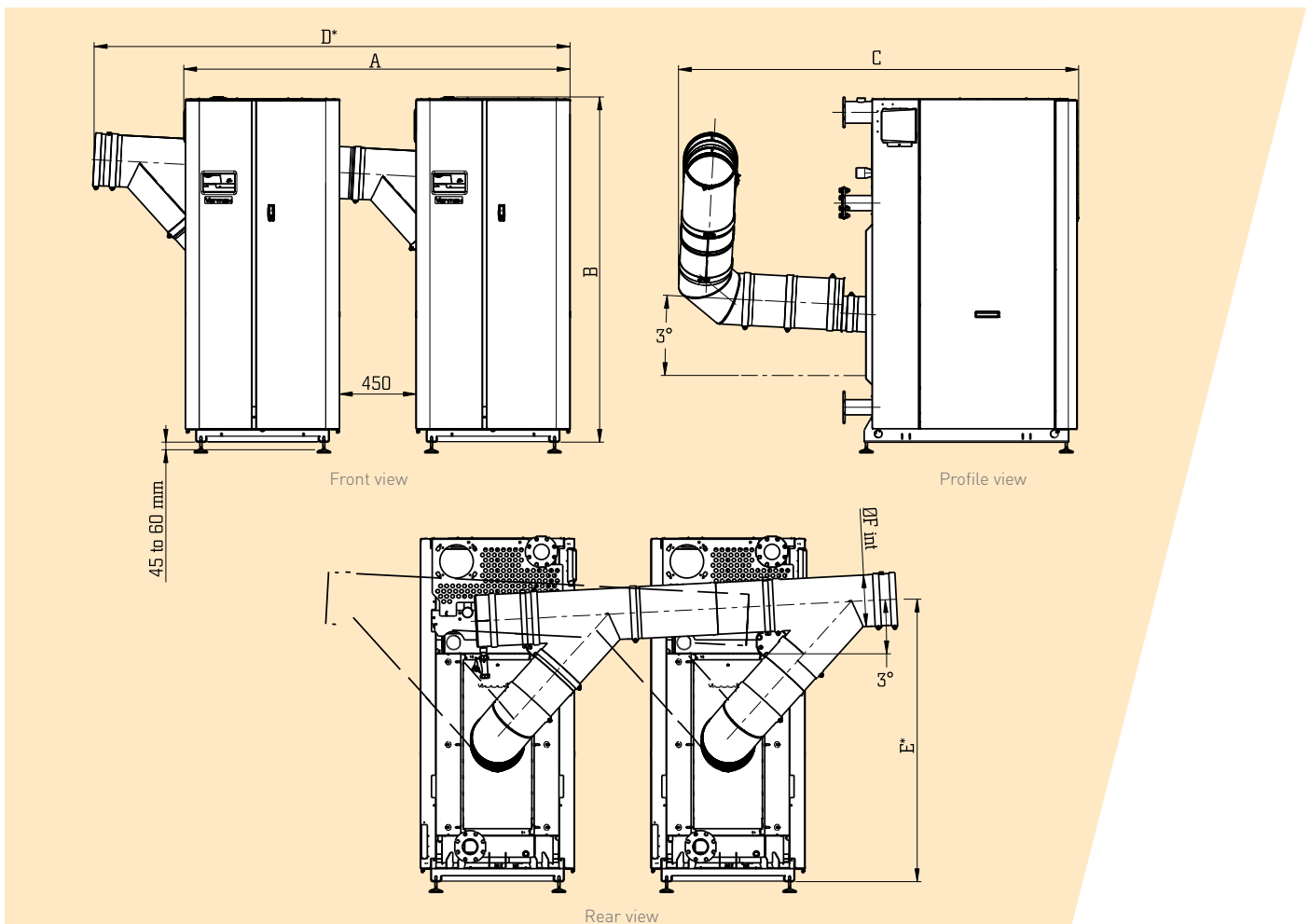
- Heating element: 3 years warranty can be extended to 10 years
- Electrical equipment + burner: 2 years

DIMENSIONAL CHARACTERISTICS

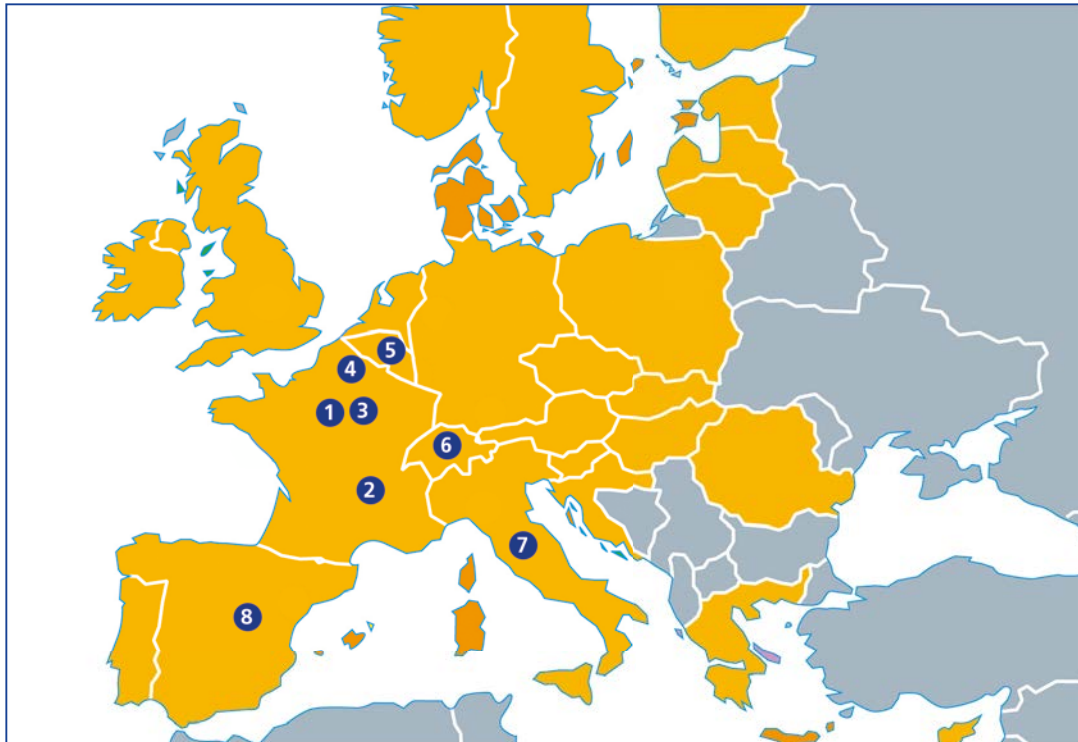
CHARACTERISTICS	Unit	Models			
		Twin 550	Twin 640	Twin 780	Twin 900
Rated effective power at 80/60°C (Pn)	kW	536	624	762	878
Rated effective power at 50/30°C	kW	580	676	830	956
Useful intermediary power at 30% charge	kW	178	208	254	294
Effective efficiency on PCI at 100% load (80/60°C) *	%	97.9	97.9	97.8	97.8
Effective efficiency on PCI at 30% load (30°C return) *	%	108	108	108.9	108.9
Power consumption of auxiliaries at Pn	W	476	704	960	1320
Power consumption of auxiliaries at no-load	W	10			
Loss at stop (T = 30K)	W	518	518	622	622
Min operating temperature	°C	20	20	23	23
Max flow setpoint temperature	°C	85			
Nox emissions (class according to EN 656 and EN 13836)	mg/kWh	Class 5			
Operating pressure:	bar	6			
Water volume (not including hydraulic collectors)	l	478	478	574	574
Net weight (without packaging and hydraulic collectors)	kg	1050	1050	1240	1240

VARMAX TWIN DIMENSIONS	Unit	Models			
		Twin 550	Twin 640	Twin 780	Twin 900
A	mm	2059		2259	
B	mm	1877		2023	
C	mm	2032		2114	
D*	mm	2519		2749	
E*	mm	1500		1590	
ØF INT	mm	250		300	

* Measurements for guidance



Presence in Europe



1. Ygnis head office – Bourg-la-Reine, France
2. Ygnis boiler factory – Pont-de-Vaux, France
3. Ygnis plate heat exchanger and heating equipment factory
- Aulnay-sous-Bois, France
4. Ygnis boiler and DHW tank factory – Cauroir, France
5. Ygnis Belgium
6. Ygnis Switzerland
7. Ygnis Italy
8. Ygnis Spain