



WALL HUNG CONDENSING BOILERS

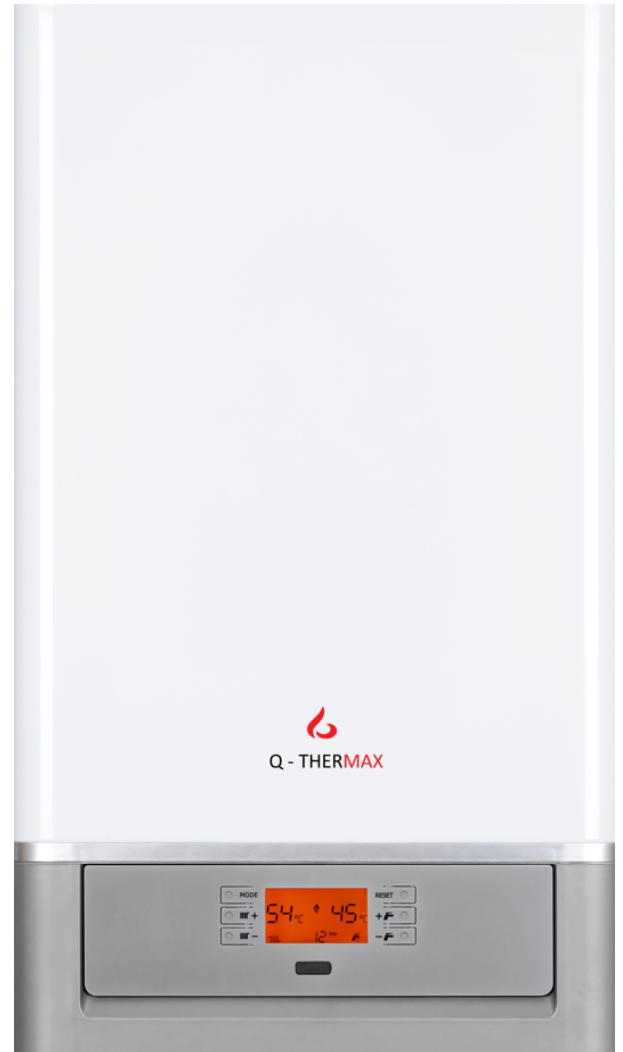
Q-THERMAX



FEATURES

Q THERMAX 50-65

- **Gas Adaptive System** : provide continuous high efficiency by adjusting the ideal air and gas ratio.
- **1:8 Modulation Ratio** : High Productivity in all Season
- **Stainless Steel Exchanger** : provides long product life
- **Cascade up to 6 boilers & 390 kW power** :
With the optional MLC 27 Cascade Module accessory
- **User FriendlyControl Panel** : Illuminated wide information screen shows heater, hot usage water, installation pressure,
- **Perfect Body Insulation** : High Usage Productivity is ensured by 10 mm thickened insulation
- **Hermetic Flue Connection** : Each boiler can be used with its own flue sets



Pump Set with Frequency Inverter



- 1 1/4" Seal, Pump Union 1 1/4"-1", 1" Check Valve, 1" Nipple , Pump Union 1" 1 1/2", 1 1/2" Seal, Pump
- Grundfos 25 /105 or Wilo 25/8



The pH level of the system water in which condensing boilers will be operated must be in the range of 7-8.5 and the hardness in the range of 4- 8 d H. Iron, lime, mud, sediment, berr, etc. should be removed from the installation in order not to damage the boilers and the system. All items must be cleaned

COMPONENTS

Q THERMAX 50-65



Stainless Steel
Heat Exchanger

NTC Sensor

Condensing
Syphon

Venturi

Gas Inlet

Gas Valve

Gas/Air Manifold

Automatic Air Vent

Modulating Fan

4 bar safety valve

Water Pressure Sensor

Control Panel

Q THERMAX 50-65

OFF / Winter
Summer button

CH temperature
increase button

CH temperature
reduce button

RESET

RESET

DHW temperature
increase button

DHW temperature
reduce button

Screen



OUTSIDE
SENSOR



HEAT
SENSOR

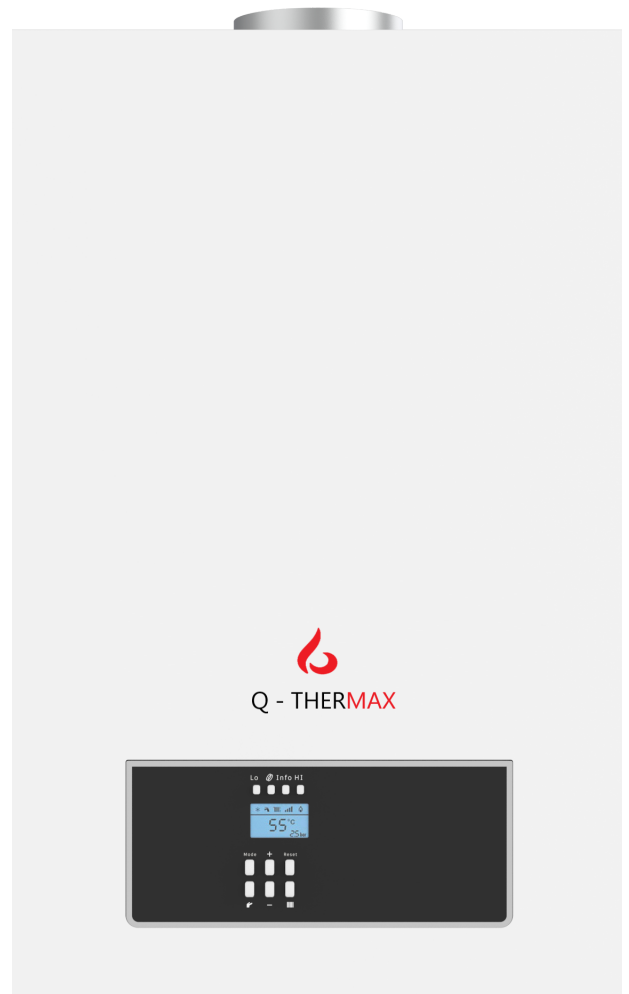


CASCADE
MODULE

FEATURES

Q THERMAX 90-99-125

- **Thermal Performance Cold Burner Door** : The Cold Burner Door design significantly improves the performance of the DUO heat exchanger by reducing heat loss and the temperature of the burner cover surface.
- **Stainless Steel Exchanger** :The double chamber design separating the combustion chamber and condensing chamber, ensures the highest efficiency level
- **Cascade up to 14 boilers x125 = 1750 kW power** : Without the need for a control panel,
- **Perfect Combustion Provided by BLUEJET® Burner** : The Bluejet burner operating principle is based on a full air gas premix burners
- **Convenient Installation with Smart Socket** : Simple and fast cascade setup for up to 14 boilers with the internal cascade module and smart plug system
- **Hermetic Flue Connection** : Each boiler can be used with its own flue sets
- Usage ability with **Natural Gas & LPG**



Pump set with frequency inverter



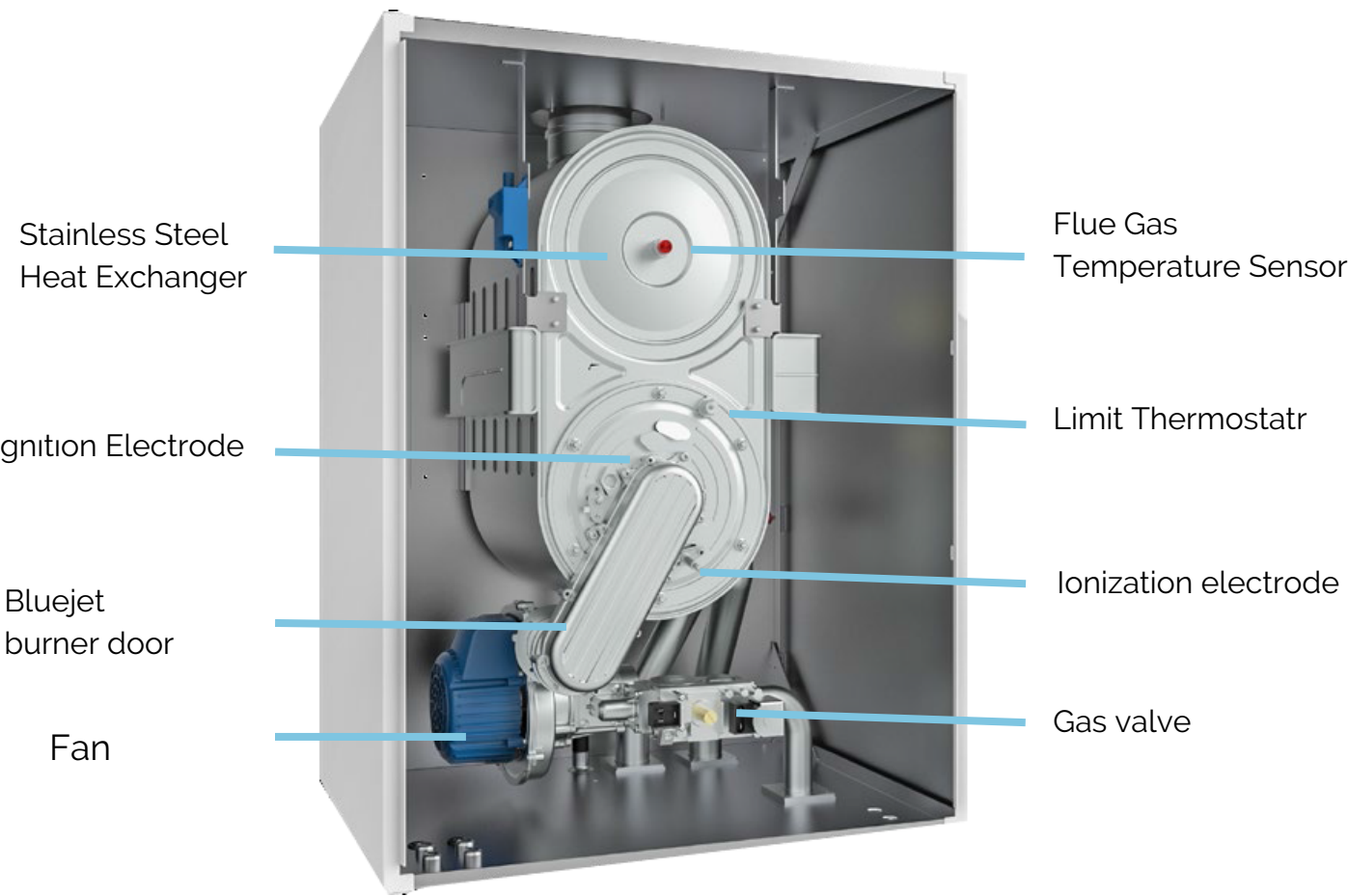
- 1 1/2" Seal, 1 1/2" -1/4" Pump Union, 1 1/4" Check Valve, 1" 1 1/4" Pump Reduction, 1" Nipple 1" 1 1/2" Pump Union, Pump
- The boiler pump in the return line for Viwa S 90, Viwa S 100, Viwa 125, Viwa 50, Viwa 65
- Grundfos 25 /125 or Wilo 25/10



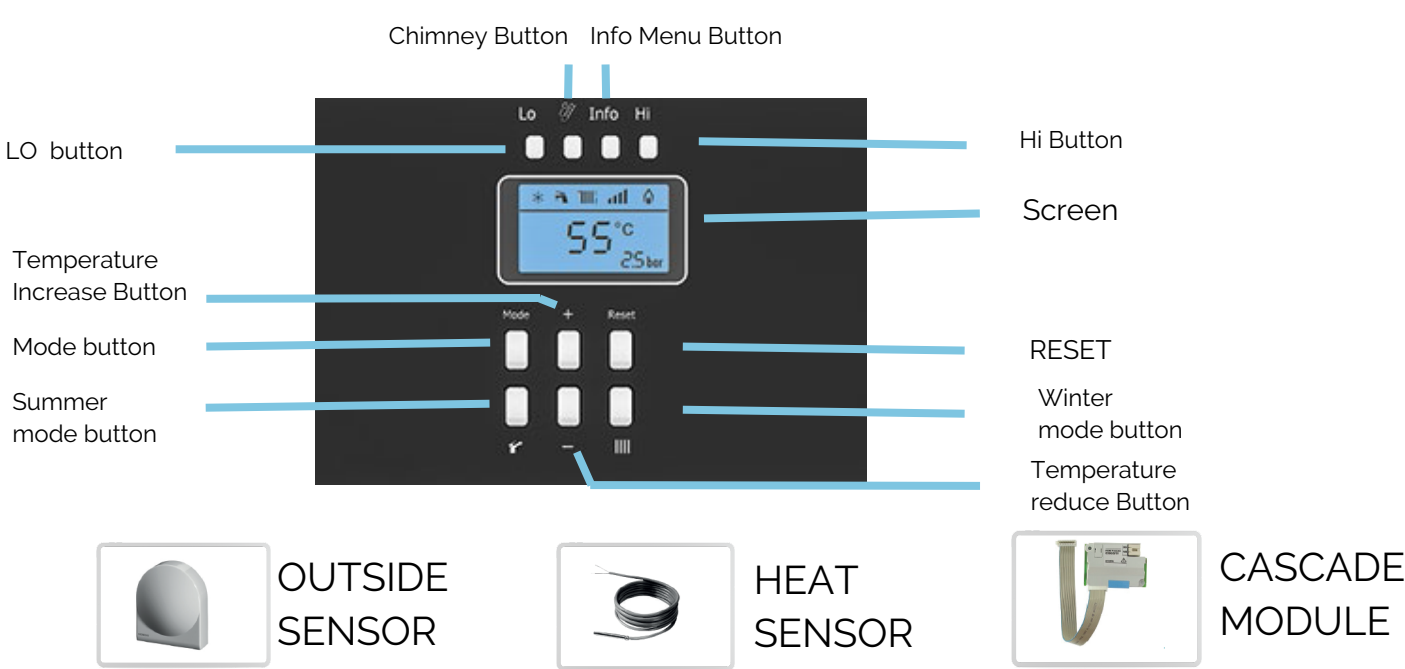
Q THERMAX 90-99-125

COMPONENTS

Q THERMAX 90-99-125



Control Panel



Q THERMAX 90-99-125

TECHNICAL TABLE

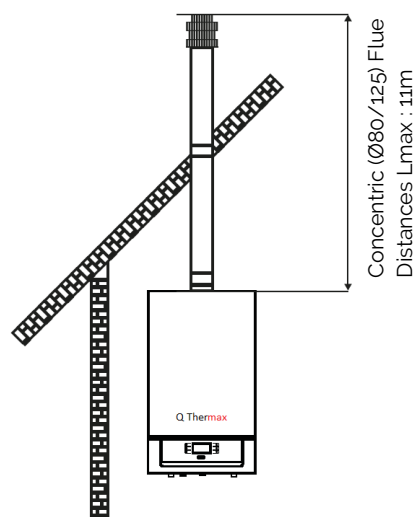
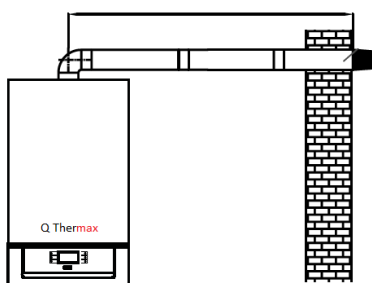
Model		50	65	90	99	125
Max. heat output in CH mode (80/60°C)	kW	48,7	63,2	82,1	94,2	116,7
Min. heat output in CH mode (80/60°C)	kW	6,2	7,8	13,5	15,6	19,4
Max. heat output in CH mode (50/30°C)	kW	52,6	68	90	100	128,6
Min. heat output in CH mode (50/30°C)	kW	6,8	8,4	15,5	17	21,5
Efficiency at Pmax (80/60°C)	%	88	87,8	97,8	98,1	97,2
Efficiency at Pmax (50/30°C)	%			107,1	106	107,1
Gas Consumption (min/max)	m³/h			8,86	10,36	12,54
NOx class		6				
Max/Min. central heating temperature	°C	25-80				
Max/Min. domestic hot water temperature	°C	35-60		20-65		
Operating pressure (min – max)	bar	0,5 - 4,0		0,8 – 6,0		
Sound level (1 mt distance from boiler)	dB	61	58	53	53	53
Net weight (wall)	kg	40	46	50	65	72
Power supply voltage	V/Hz	230/50				
Protection level	IP	IPX5D				
Power consumption max	W	172	231	96	122	159
Water inlet-outlet	Ø	1 ¼"		1 ¼"		
Gas inlet	Ø	¾"		1"		
Dimension(wxhxd)	mm	425x725x385	425x725x386	612x906x495	612x906x530	612x906x605



FLUE ACCESSORIES

Q Thermax 50-65

Concentric (Ø80/125) Flue Distances Lmax : 10 m



- Each 45° bend usage requires to decrease max. 50 cm, each 90 bend usage requires to decrease max. 100 cm from horizontal/ vertical distance.

Q Thermax 90-99-125

Ø100/150 mm

Lmax= 18 m (Viwa S 90)

Lmax= 17 m (Viwa S 100)

Lmax= 17 m (Viwa S 125)

