warmhaus

Product Brochure

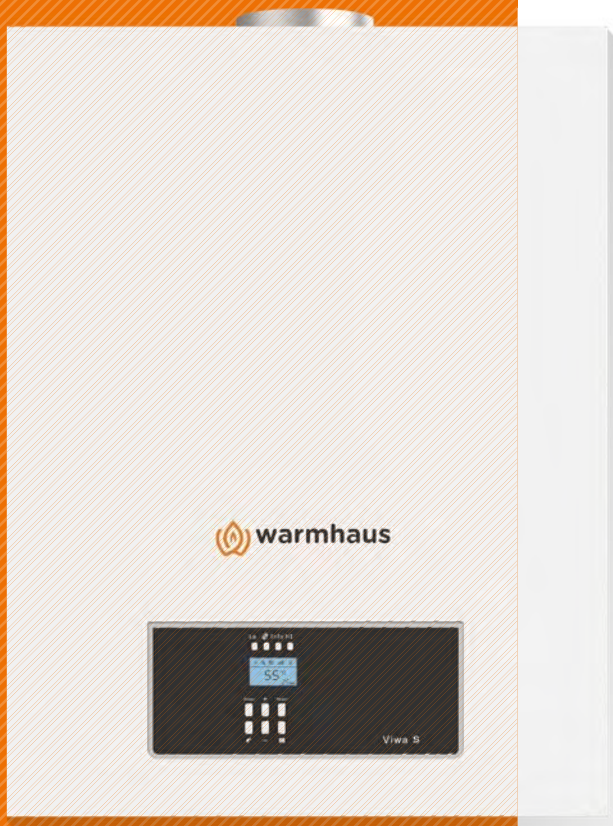
July 2023

Viwa S 90
Viwa S 100
Viwa S 125
Viwa S 150

Wall-Hung Type Condensing Boilers with Stainless Steel Heat Exchanger and Premix System

Viwa S

90-100-125-150



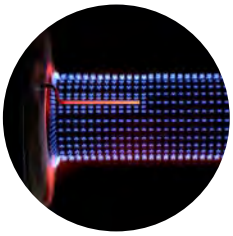
12 Reasons to Choose Viwa S Boilers

Innovative Premix Design that Increases Thermal Performance Cold Burner Door®

The specially developed 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.

Strong, Efficient and Long Lasting Stainless Steel DUO Heat Exchangers

The double chamber design, separating the combustion chamber and condensing chamber, ensures the highest efficiency level and a compact structure with a small footprint.



Perfect Combustion Provided by BLUEJET® Burner

The Bluejet® burner operating principle is based on a full air gas premix burners. Its specific design allows a high flame retention. The stainless steel grade used has a high reliability already proven on the field and responds to the maximal operating thermal stress for this application.

Cascade Installation up to 14 x 150 = 2100 kW

Without the need for a control panel, central heating power can be reached from 1260 kW to 2100 kW according to device capacities with the possibility of cascade installation up to 14 boilers.

Full Control for Heating Zones

The RC21, which has a full remote control feature, provides maximum comfort for the heating zone with its weekly programming and modulating control features. It can be used separately for each heating zone.

Multiple Part Management

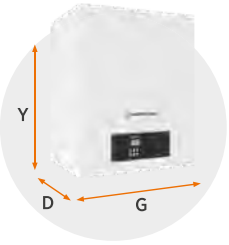
With an optional MLC 30 module 4 direct heating circuit and hot water tank or 1 low temperature zone, one high temperature zone and one tank circuit can be controlled.

Cascade Panelless Operation Through Internal Module

The internal Cascade module in the boiler control panel provides easy connection and communication between boilers without the need for additional device. Thus, each boiler can be used as either a master or slave.

Convenient Installation with Smart Socket System

Simple and fast cascade setup for up to 14 boilers with the internal cascade module and smart plug system. The 'Bus bar' system allows for cascade setup to be completed without having to open the covers of slave boilers.



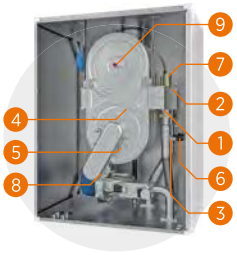
Installation to Limited Spaces With Compact Dimensions

(W: 612 x D: 495/530/605/676 x H: 800 mm)

Thanks to their compact sizes, they can be mounted without leaving any space in between and provide an easy installation

Internal Flue Check Valve System

The Internal Flue Check Valve System eliminates the need for an external Flue Check Valve in the cascading system, leading to an easy installation and low cost.



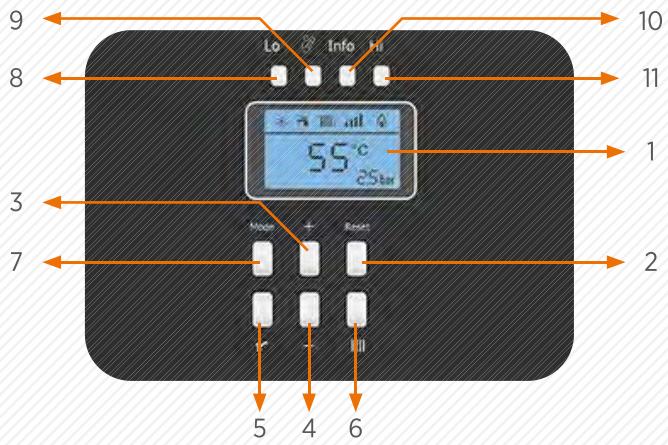
Superior Safety and Control System

1. CH Flow NTC Sensor
2. CH Return NTC Sensor
3. Limit Thermostat
4. Heat Exchanger Cover Surface Type Limit Thermostat
5. Ionization Electrode
6. CH Water Pressure Sensor
7. Automatic Venting Purge Valve
8. Internal Flue Check Valve
9. Flue Gas Temperature Sensor

Hermetic Flue Connection

Warmhaus Viwa boilers have room sealed hermetic boiler design and compatible with Ø100/150 mm concentric flue connection. Each boiler can be used with its own flue sets independent from each other which makes cascade systems easy to install in roof spaces without a stainless steel flue.

Control Panel

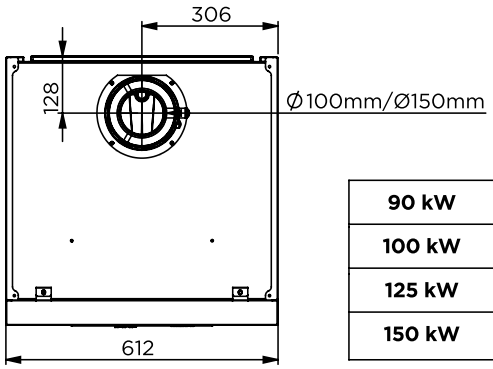


1. LCD Screen
2. Reset Button
3. Temperature Increase Button
4. Temperature Decrease Button
5. Summer Mode Button
6. Winter Mode Button
7. Mode Button
8. Lo Button
9. Chimney Button
10. Info Menu Button
11. Hi Button

Dimensions & Connections

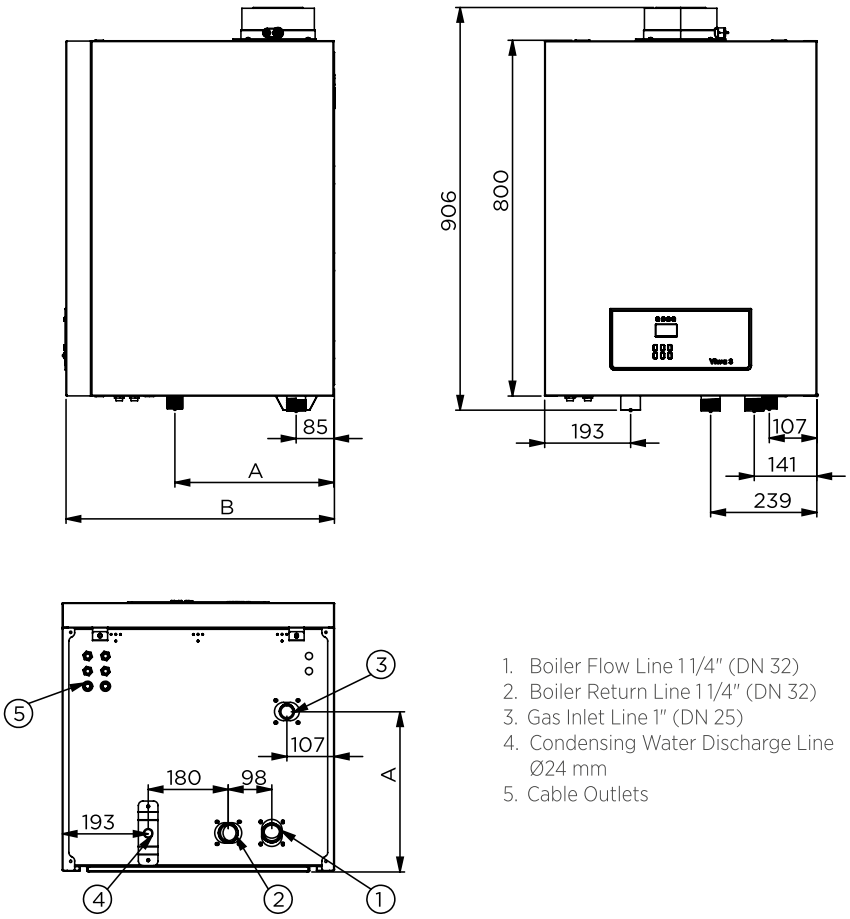
Thanks to its compact dimensions, it can be installed side by side without leaving any space. It provides easy installation application with smaller volumes.

Viwa S 90-150 Top View Measurements



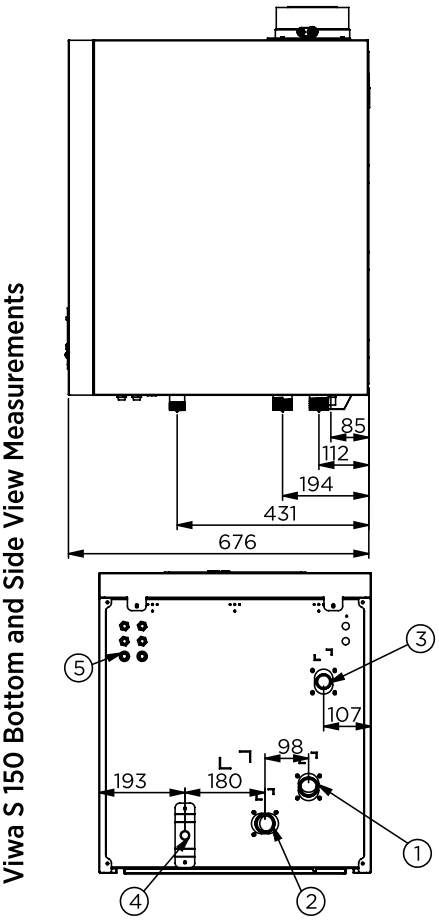
	A	B
90 kW	250 mm	495 mm
100 kW	285 mm	530 mm
125 kW	360 mm	605 mm
150 kW	431 mm	676 mm

Viwa S 90-125 Bottom and Side View Measurements



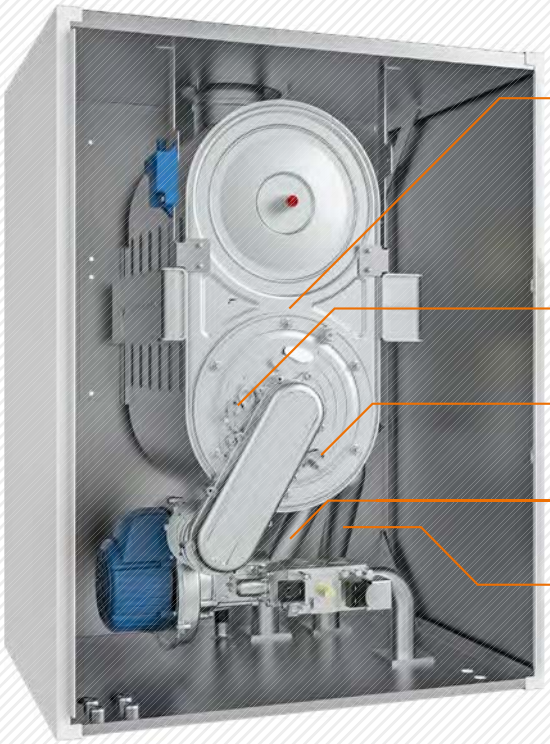
1. Boiler Flow Line 1 1/4" (DN 32)
2. Boiler Return Line 1 1/4" (DN 32)
3. Gas Inlet Line 1" (DN 25)
4. Condensing Water Discharge Line Ø24 mm
5. Cable Outlets

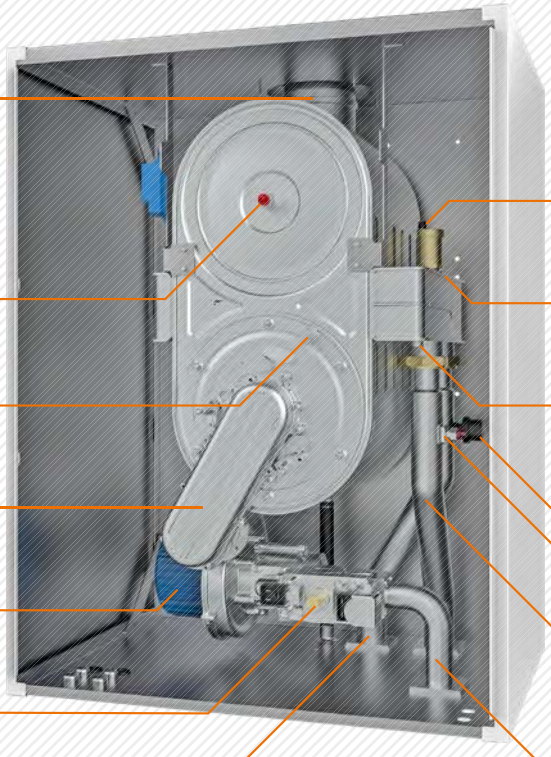
Viwa S 150 Bottom and Side View Measurements



Components

Long Life and High Efficient Use with Monoblock Stainless Steel Heat Exchanger



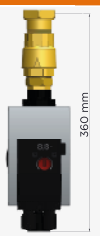


Control Accessories for Cascade System

Accessory Code	Accessory Name	Explanation	Matching Product	Product View
15311660600001	WDHS-01 Outside Sensor	Sensor which regulates boiler according to outside air temperature.	Viwa S 90 - 150 Viwa 50 - 150	
15311660600045	RC 21.11 Timer Room Thermostat	Thermostat which sets to apply weekly/ daily program to heater and boiler unit or a unite which can only be used as program clock.	Viwa S 90 - 150 Viwa 50 - 150	
15311660600049	QAZ 36 Immersion Boiler / Hydraulic Separator Sensor	Immersion Sensor which is used to measure DHW storage tanks or Hydraulic Separator Temperature and transfers information to boiler.	Viwa S 90 - 150 Viwa 50 - 150	
15311660600050	QAD 36 Strap-on Temperature Sensor	Strap-on Temperature Sensor for connection on pipe at the output of hydraulic separator. It is used to measure flow water temperature of second zone at the double heating zone.	Viwa S 90 - 150 Viwa 50 - 150	
15311660600053	MST80 Calibrated Surface Thermostat	Pipe clamp type adjustable for heating zone thermostat	Viwa S 90 - 150 Viwa 50 - 150	
15311660600047	MLC 30 Multiple Zone Module	Unit which controls the low temperature of Viwa 90, Viwa 115, Viwa 125 and Viwa 150 boilers / underfloor heating zone (blend valve circuit).	Viwa S 90 - 150 Viwa 50 - 150	

Pump Set (Optional)

High pressure and flow rate pump for Warmhaus Viwa wall hung boilers.

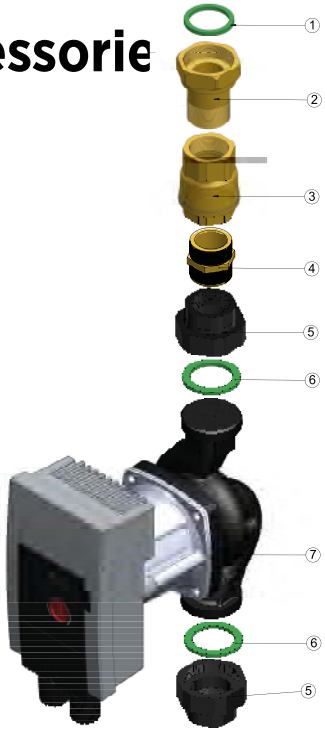
Accessory Code	Accessory Name	Explanation	Matching Product
15211003000002	WH-90/125 YP HF 25/7 Pump Set with frequency inventors	**WH-90/125 YP HF 25/7** pump set with modulation, 2 connectors, check valve and seal set for Viwa S 90, Viwa S 100, Viwa S 125, Viwa 90, Viwa 115 and Viwa 125. It is installed just below the boilers.	  WH-90/125 YP HF 25/7 Pump Set
15211003000003	WH-150 YP HF 25/10 Pump Set with frequency Inventors	**WH-150 YP HF 25/10** pump set with modulation, 2 connectors, check valve and seal set for Viwa S 150 and Viwa 150. It is installed just below the boilers.	 WH-150 YP HF 25/10 Pump Set

Pump Set Accessorie

High pressure and flow rate pump for Warmhaus Viwa wall hung boilers.

WH-90/125 YP HF 25/7 Pump Set with frequency inverter for Viwa 90, 115 and 125.

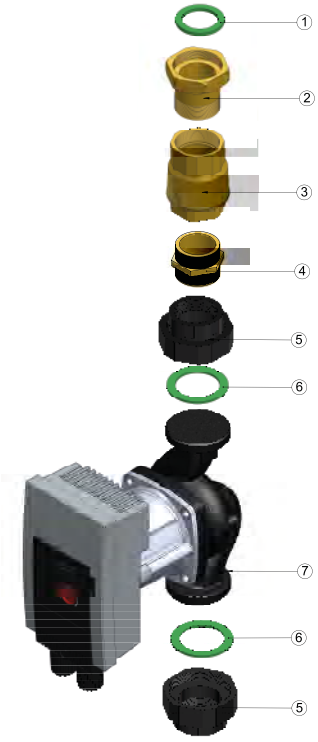
1. 1 1/2" TESNIT® Seal
2. Pump Union 1½" - 1¼"
3. 11/4" Check Valve
4. 1"-11-4" Pump Reduction
5. 1"-11-4" Nipple
6. Pump Union 1 ½"
7. Pump



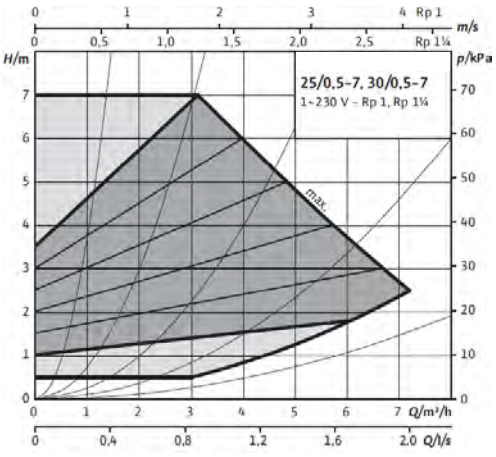
ErP READY

Pump set with frequency Inverter for Viwa 150.

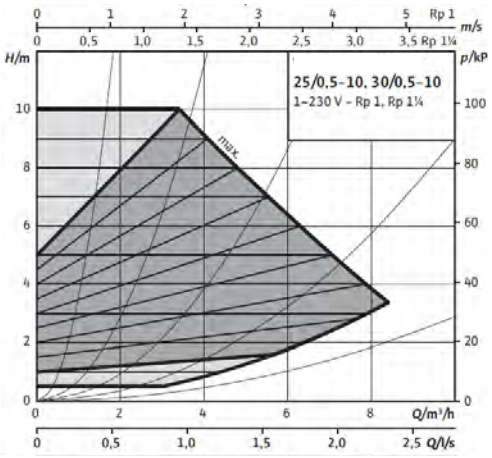
1. 1 1/2" TESNIT® Seal
2. Pump Union 1½" - 1¼"
3. 1 1/4" Check Valve
4. 1 1/4" Nipple
5. Pump Union 1¼" - 2"
6. 2" TESNIT® Seal
7. Pump



Pump Flow/Pressure Graph



The Flow Rate/Pressure graph of the WH-90/125 YP HF 25/7 pump which is to be used as the boiler pump in the return line for the boiler models Viwa S 90, Viwa S 100, Viwa S 125, Viwa 90, Viwa 115 and Viwa 125.

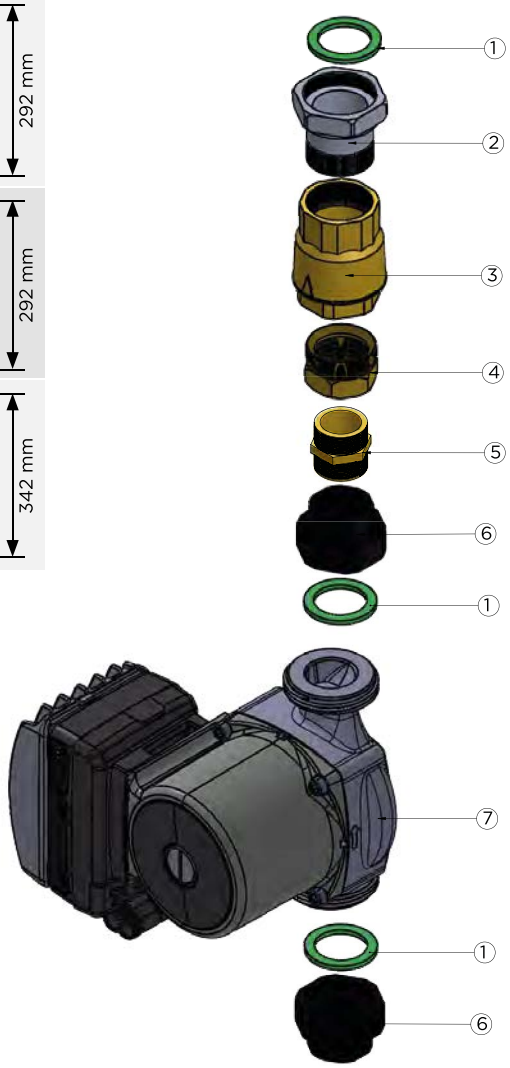


The Flow Rate/Pressure graph of the WH-150 YP HF 25/10 pump which is to be used as the boiler pump in the return line for the boiler models Viwa S 150 and Viwa 150.

Pump Sets (Optional)

Kazan Pompası Seçim Tablosu			
Ürün Kodu	**Ürün Adı**	**Açıklama**	**Pompa Seti**
15211003000012	WH-90/115 UPML 25-105Auto130 Pump Set with frequency inventors	**WH-90/115 UPML 25-105Auto130** pump set that should be used as boiler pump in the return line for Viwa S 90, Viwa S 100, Viwa 90 and Viwa 115 boiler models, consists of modulating pump, 2 fittings, check valve and gasket set.	
15211003000013	WH-125 UPMXL 25-125 Auto130 Pump Set with frequency inventors	**WH-125 UPMXL 25-125 Auto130** Pump Set, which should be used as boiler pump in the return line for Viwa S 125 and Viwa 125 boiler models, consists of modulating pump, 2 unions, check valve and gasket set	
15211003000014	WH-150 UPMXXL 25-120 Auto180 Pump Set with frequency inventors	**WH-150 UPMXXL 25-120 Auto180** Pump Set, which should be used as boiler pump in the return line for Viwa S 150 and Viwa 150 boiler models, consists of modulating pump, 2 unions, check valve and gasket set.	

Part No	Drawing No	Part Name	Piece	Material
1	15011019000076	1 1/2" Fixing Gasket	3	Fixing BA 203
2	15011019000081	1 1/2" 1/4" Pump Sleeve	1	Brass
3	15011007000002	1 1/4" Check Valve	1	Brass
4	15011019000128	1"- 1 1-4" Pump Reduction	1	Brass
5	15011019000079	1" Nipple	1	Brass
6	15011019000077	1" 1 1/2 Pump Sleeve	2	GG25 Cast
7	15011010000024	Viwa 150 Pump	1	UPMXXL 25-120 Auto 180
7	15011010000023	Viwa 125 Pump	1	UPMXL 25-125 Auto 130
7	15011010000022	Viwa 90-115 Pump	1	UPML 25-105 Auto 130

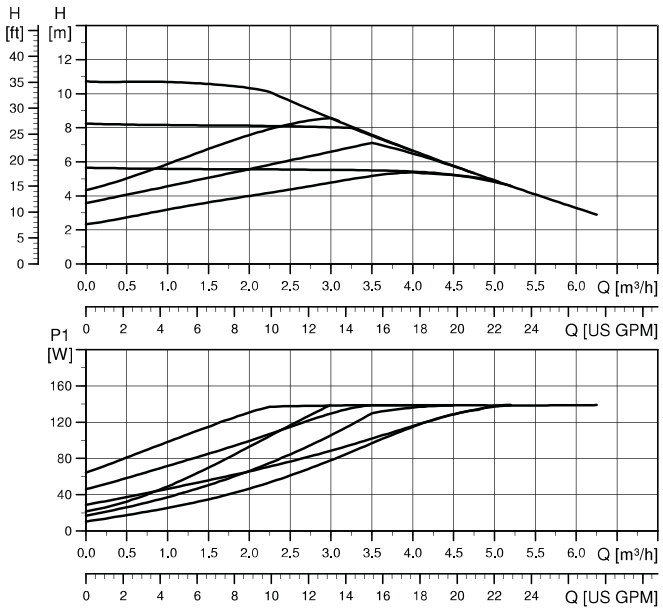


Position of Control Box

Technical Data			
System pressure	Max. 1.0 MPa (10 bar)	**Protection class**	IPX2D
Minimum input pressure	0.01 MPa (0.10 bar) at 95 °C temperature of fluid	**Insulation Class**	H
temperature of fluid	-10 °C to +95 °C (TF 95)	**Equipment class**	I
Motor protection	Overload protection	**Approval and marking**	VDE. CE

Viwa S 90, Viwa S 100, Viwa 90 and Viwa 115 Boiler Pump Set

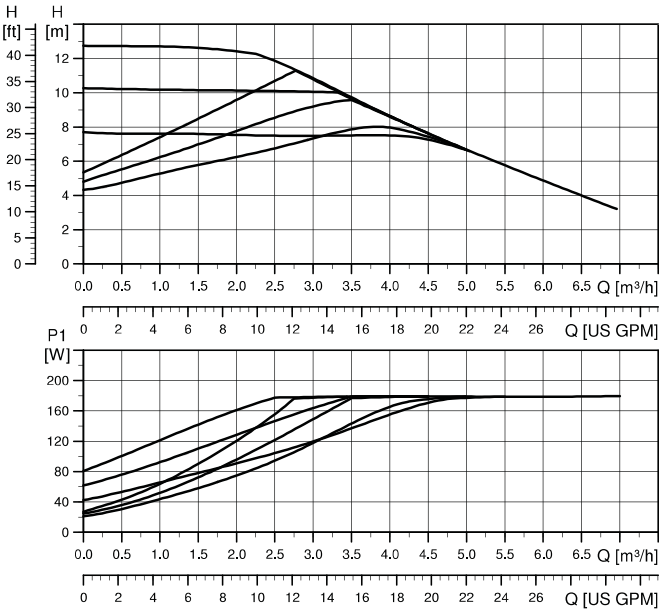
WH-90/115 UPML 25-105 Auto130



Electrical Data, 1 x 230 V, 50/60 Hz		
Speed	P_1 [W]	$I_{1/1}$ [A]
Min.	12	0.1
Max.	140	1.1

Viwa S 125 and Viwa 125 Boiler Pump Set

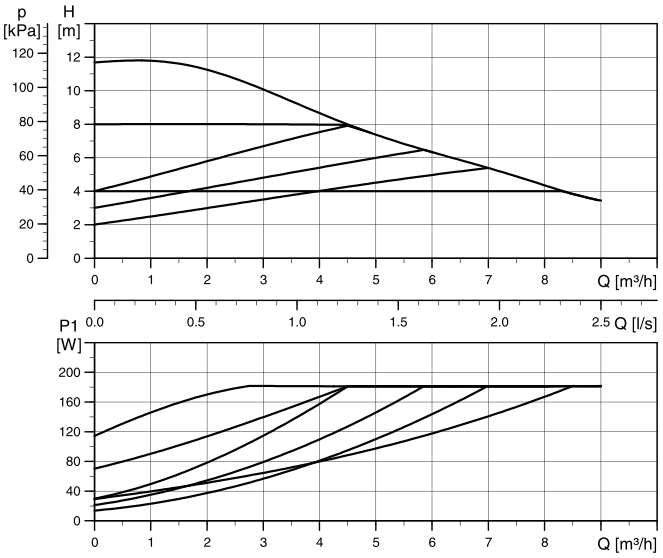
WH-125 UPMXL 25-125 Auto130



Electrical Data, 1 x 230 V, 50/60 Hz		
Speed	P_1 [W]	$I_{1/1}$ [A]
Min.	20	0.2
Max.	180	1.4

Viwa S 150 and Viwa 150 Boiler Pump Set

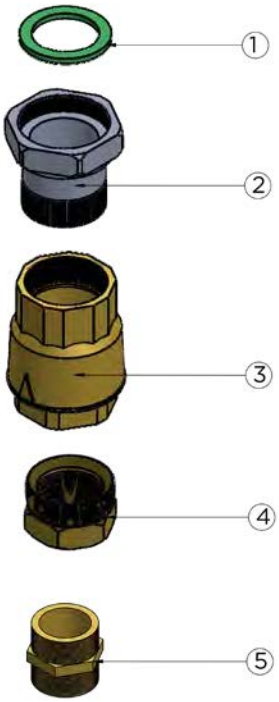
WH-150 UPMXXL 25-120 Auto 180



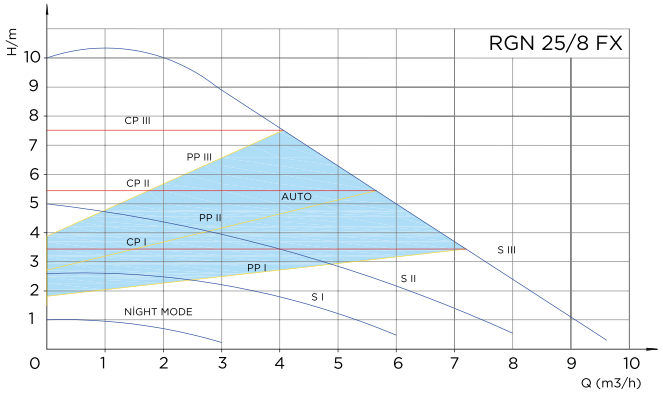
Electrical Data, 1 x 230 V, 50/60 Hz		
Speed	P_1 [W]	$I_{1/1}$ [A]
Min.	18	0.1
Max.	180	0.4

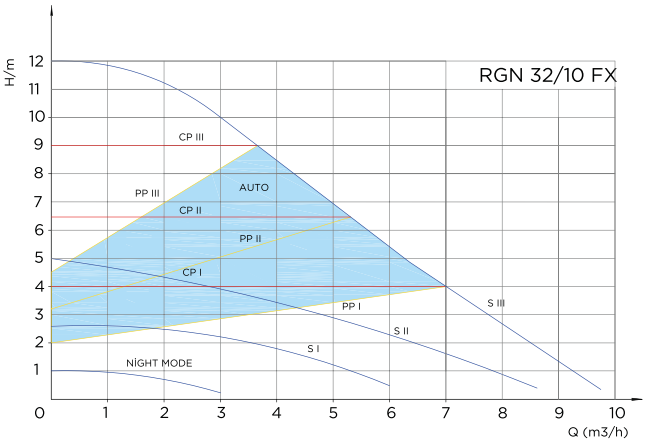
Pump Sets (Optional)

Boiler Pump Selection Table			
Accessory Code	**Accessory Name**	**Explanation**	**Pump Set**
15211003000015	WH-50/115 RGN 25/8 FX Pump Set	**WH-50/115 RGN 25/8 FX** Pump to be used as boiler pump in the return line for Viwa S 90, Viwa S 100, Viwa 50, Viwa 65, Viwa 90, Viwa 115 boiler models It is a set and consists of modulating pump, 2 unions, check valve and gasket set.	
15211003000016	WH-125/150 RGN 32/10 FX Pump Set	**WH-125/150 RGN 32/10 FX** Pump Set, which should be used as boiler pump in the return line for Viwa S 125, Viwa 125, Viwa 150 boiler models, consists of modulating pump, 2 unions, check valve and gasket set.	



Part No	Drawing No	Part Name	Piece	Material
1	15011019000076	1 1/2" TESNIT® Seal	3	Tesnit BA 203
2	15011019000081	1 1/2" 1/4" Pump Union	1	Brass
3	15011007000002	1 1/4" Check Valve	1	Brass
4	15011019000128	1"- 1 1-4" Pump Reduction	1	Brass
5	15011019000079	1" Nipple	1	Brass
6	15011010000026	Viwa 125-150 Pump	1	RGN 32/10 FX
6	15011010000025	Viwa 50-65-90-100-115 Pump	1	RGN 25/8 FX





Electrical Data, 1 x 230 V, 50/60 Hz		
Pump Model	**[W]**	**Connection**
RNG 25 / 8FX.	120	1½"
RGN 32 / 10FX	180	2"

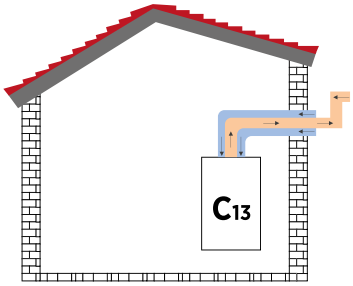
Flue Accessories

Flue Accessories can be installed each other by meshing method so any additional part is not required to connection.

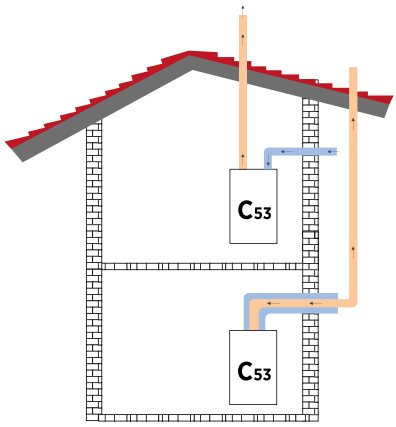
Accessory Code	Accessory Name	Explanation	Matching Product
15311014000007	Ø 100/150 Horizontal Flue Set	Maximum Flue Distance L_{max} = 18 m (Viwa S 90) L_{max} = 17 m (Viwa S 115) L_{max} = 17 m (Viwa S 125) L_{max} = 15 m (Viwa S 150)	
15311660600042	Ø 100/150 Flue Extension L=500 mm	It can be used with Horizontal Flue Set and Vertical Funnel Set.	
15311660600043	Ø 100/150 Flue Extension L=1000 mm	It can be used with Horizontal Flue Set and Vertical Flue Set.	
15311660600044	Ø 100/150 Bend (90°)	It can be used with Horizontal Flue Set and Vertical Flue Set. Each 90° bend usage requires 340 cm decreasing from maximum horizontal / vertical distance.	
15311660600138	Ø 100/150 Bend 45°	It can be used with Horizontal Flue Set and Vertical Flue Set. Each 45° bend usage requires 200 cm decreasing from maximum horizontal / vertical distance.	
15311660600041	Ø 100/150 Vertical Flue Set	Maximum Flue Distance L_{max} = 20 m (Viwa 90) L_{max} = 20 m (Viwa 115) L_{max} = 19 m (Viwa 125) L_{max} = 17 m (Viwa 150	
15311660600124	Flat Roof Outlet Part	It is the apparatus that allows the Vertical Flue Set to pass through flat roofs in a sealed manner.	
15311660600125	Pitched Roof Outlet Tile	It is the apparatus that allows the Vertical Flue Set to pass through inclined roofs in a leak-proof manner.	

Flue Connection Types

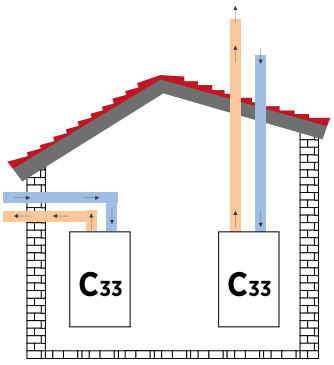
Air
Exhaust gas



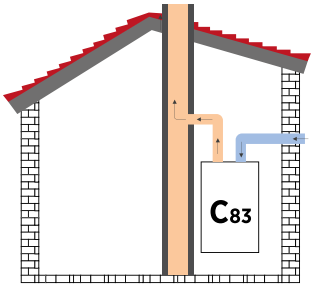
Discharge with concentric flue connection



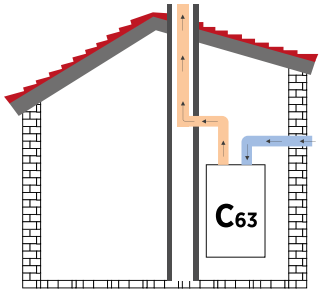
Exhaust gas discharge and fresh air intake with concentric flue kit and separate flue kits



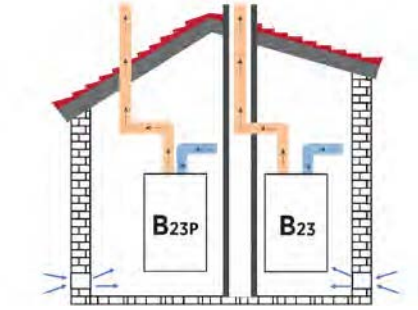
Exhaust gas discharge and fresh air intake with separate flue kits



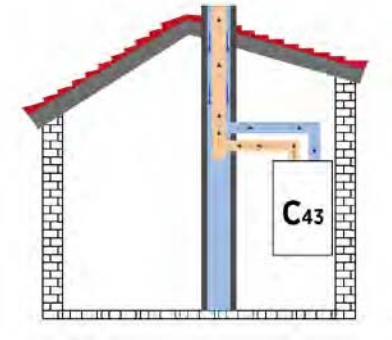
Discharge to building chimney and fresh air intake with separate flue connection



Exhaust gas discharge through building chimney and fresh air intake with separate flue sets



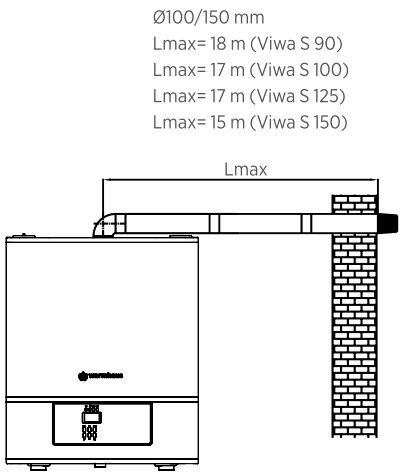
Exhaust gas discharge through building chimney and fresh air intake from inside of the building with separate flue sets.



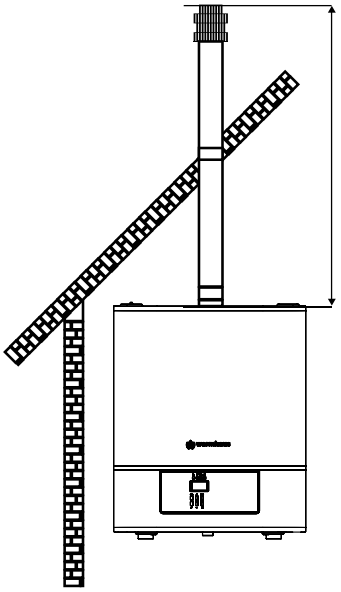
In this type of chimney installation, separate ducts are used for combustion air supply and flue gas discharge and fresh combustion air is supplied to each boiler.

For connection to a Fresh Air/ Flue Gas system designed combustion air supply and flue gas evacuated gas appliance.

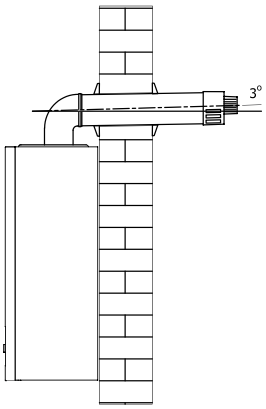
Concentric (100/150 mm) Flue Accessories (Optional)



I. Total Flue Length Distances with a single 90° Elbow when using Horizontal Concentric Flue Accessories



II. Total Flue Length Distances Without Elbows in the Case of Using Vertical Concentric Flue Accessories



III. Condensed boiler flue tilt

During installation of the horizontal pipes, the pipe tilt must be kept upwardly a minimum of 3%, dowelled in every 3 m and a retaining clamp must be used.

For safety reasons, the suction/ discharge flue of the boiler should not be blocked, even if it is for short-term and temporary.

In case the discharge flue and/or its extension must be shortened, keep in mind that the inner pipe must always protrude by 5 mm relative to the outer pipe.

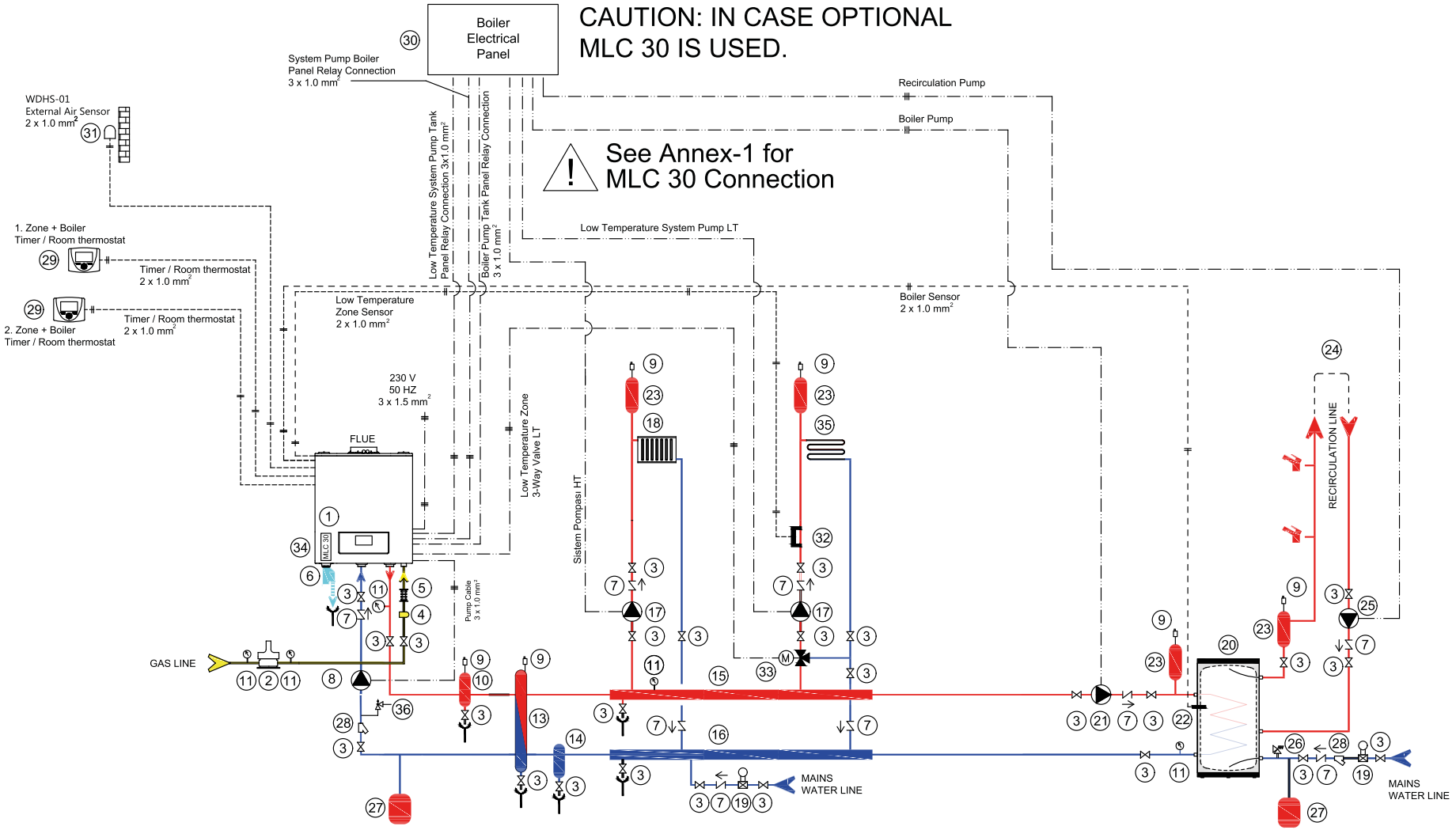
The total length of the concentric flue set must not exceed Lmax. value (Figure 2.23) horizontally with a single elbow. Furthermore, this total length is reduced by 1m for each 90° elbow use and 0.2m for each 45° elbow use. Up to 3 x 90° elbows can be used.

Neutralization Kits (Optional)

Neutralization tanks are used to neutralize the acidic condensate formed in condensing boilers by raising the pH to a more neutral value of 5.5-8.5, without damaging the environment and the sewer system. Then, the neutralized liquid can be sent to the sewer system.

Accessory Code	Accessory Name	Explanation	Product View
15311660600079	Neutralization Tank, 250 kW, 30 L/h, 1"	It can be used for systems with a heat capacity of up to 250 kW.	
15311660600080	Neutralization Tank, 450 kW, 55 L/h, 1"	It can be used for systems with a heat capacity of up to 450 kW.	
15311660600081	Neutralization Tank, 850 kW, 100 L/h, 1"	It can be used for systems with a heat capacity of up to 850 kW.	
15311660600082	Neutralization Tank, 1500 kW, 180 L/h, 1"	It can be used for systems with a heat capacity of up to 1500 kW.	

Sample of Viwa S and Viwa Single Boiler System Scheme with 1 High + 1 Low Temperature Zone + Optional MLC 30



INSTALLATION EQUIPMENT

1. Boiler
2. Gas Safety Solenoid Valv
3. Ball Valve
4. Gas Filter
5. Vibration Isolator
6. Condensate Siphon Line
7. Check Valve
8. Boiler (Return) Pump
9. Automatic Air Purge Valve
10. Sediment-Dirt-Air Separator
11. Manometer
13. Hydraulic Separator
14. Sediment-Dirt Separator
15. Heating System Stream Water Collector
16. Heating System Return Water Collector
17. Heating System Pump
18. Heating System
19. Pressure Reducer
20. Boiler
21. Boiler Pump
22. Boiler Sensor
23. Air Separator
24. Boiler Recirculation Line
25. Recirculation Pump
26. Safety Valve
27. Expansion Tank
28. Filter
29. Timer / Room Thermostat
30. Boiler Electrical Panel
31. External Air Sensor
32. Low Temperature Zone Sensor
33. 3-Way Motorized Mixing Valve
34. MLC 30
35. Low Temperature Zone
36. 6 Bar Safety Valve

Viwa S boiler and hot water tank, as well as Multi-Zone System Connection Diagram

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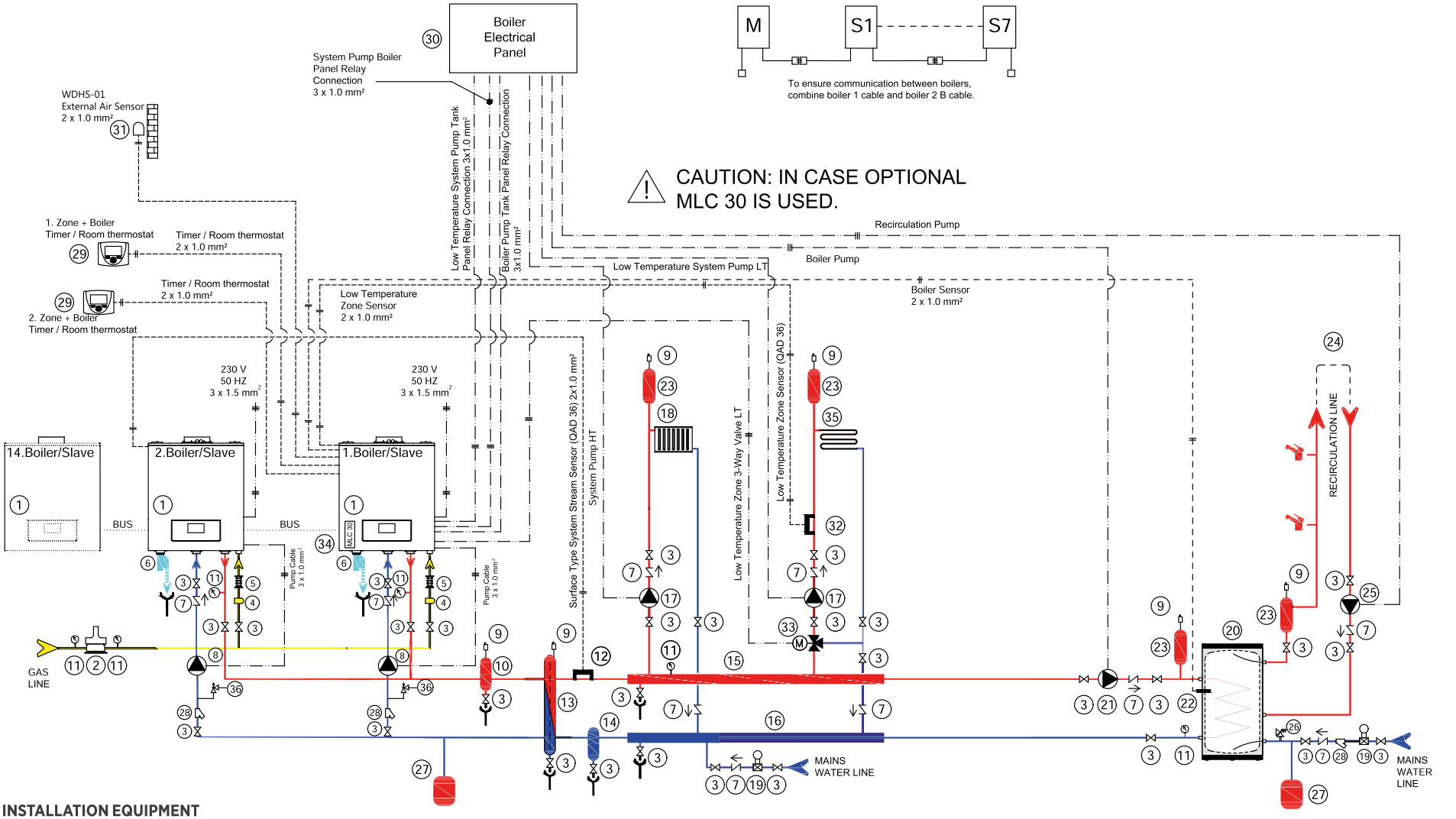
Sample of Cascade System with Viwa S and Viwa Boilers and 1 High + 1 Low Temperature Zone + Boiler System Diagram / Optional MLC 30.



INSTALLATION EQUIPMENT

1. Boiler
2. Gas Safety Solenoid Valve
3. Ball Valve
4. Gas Filter
5. Vibration Isolator
6. Condensate Siphon Line
7. Check Valve
8. Boiler (Return) Pump
9. Automatic Air Purge Valve
10. Sediment-Dirt-Air Separator
11. Manometer
12. Surface Type Return Sensor (QAD 36) 2 x 1.0 mm
13. Hydraulic Separator
14. Sediment-Dirt Separator
15. Heating System Stream Water Collector
16. Heating System Return Water Collector
17. Heating System Pump
18. Heating System
19. Pressure Reducer
20. Boiler
21. Boiler Pump
22. Boiler Sensor
23. Air Separator
24. Boiler Recirculation Line
25. Recirculation Pump
26. Safety Valve
27. Expansion Tank
28. Filter
29. Timer / Room Thermostat
30. Boiler Electrical Panel
31. External Air Sensor
32. Low Temperature Zone Sensor (QAD 36)
33. 3-Way Motorized Mixing Valve
34. MLC 30
35. Low Temperature Zone
36. 6 Bar Safety Valve

Example of Viwa S Boilers with Cascade System and 1 High + 1 Low Temperature Zone + Boiler System / Optional MLC30

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Technical Data

TECHNICAL DATA	UNIT	Viwa S 90		Viwa S 100		Viwa S 125		Viwa S 150	
Gas Line		NATURAL GAS	LPG	NATURAL GAS	LPG	NATURAL GAS	LPG	NATURAL GAS	LPG
Type of Gas		G20	G30	G20	G30	G20	G30	G20	G30
Gas Supply Pressure	mbar	20	37	20	37	20	37	20	37
Maximum Gas Consumption (NG/LPG)	m^3/h	8.86	3.32	10.36	4.07	12.54	4.82	14.5	5.55
Minimum Gas Consumption (NG/LPG)	m^3/h	1.39	0.49	1.73	0.69	2.19	0.87	2.56	0.85
Premix System		Pneumatic							
Modulation Range		1/6							
Heat Exchanger Material		Stainless Steel Exchanger							
Efficiency		G20	G30	G20	G30	G20	G30	G20	G30
(80/60 °C) Efficiency at Maximum Heat Output	%	97.8	97.6	98.1	97.6	97.2	97.7	96.1	95.3
(50/30 °C) Efficiency at Maximum Heat Output	%	107.1	107.0	106.0	105.2	107.1	106.2	105.1	104.6
Seasonal Heating Energy Efficiency	%	Class A							
Radiator Circuit		G20	G30	G20	G30	G20	G30	G20	G30
Rated Heat Load (Qn) (Max./Min.)	kW	84/14		96/16		120/20		145 / 26	
Maximum Heat Power (Pn) (80/60 °C)	kW	82.1	82.0	94.2	93.7	116.7	117.2	136.5	135.8
Minimum Heat Power (Pn) (80/60 °C)	kW	13.5	13.7	15.6	15.6	19.4	19.5	24.8	24.6
Maximum Heat Power (Pn) (50/30 °C)	kW	90.0	89.8	101.8	101.0	128.6	127.5	148.3	146.7
Minimum Heat Power (Pn) (50/30 °C)	kW	15.0	15.5	17.0	17.7	21.5	22.1	26.8	26.2
Temperature Setting Range for High Temperature Circuit (Minimum / Maximum)	°C	25÷80							
Temperature Setting Range for Low Temperature Circuit (Minimum / Maximum)	°C	25÷47							
Operating Pressure (Maximum)	bar	6							
Operating Pressure (Minimum)	bar	0.8							
Domestic Hot Water Circuit									
Temperature Setting Range (min/max)	°C	20/65							
Electric Circuit									
Power Feed	V AC-50 Hz	230 V + %10; -%15							
Electricity Consumption (Max./Min.)	Watt	96 / 22		122 / 25		159 / 22		310 / 33	
Protection Index	IP	IPX5D							
Exhaust Gas Circuit		G20	G30	G20	G30	G20	G30	G20	G30
Exhaust Gas Temperature (Max. / Min.) (80/60 °C)	°C	80.3/65.5	81.8/67.2	76.5/66.5	82.6/67.9	75.7/62.8	82.8/68.0	76.7 / 65.5	76.2 / 64.5
Exhaust Gas Temperature (Max. / Min.) (50/30 °C)	°C	63/33.6	65.2/36.1	62.3/35.4	67.2/38.4	59.3/33.0	67.4/38.7	58.5 / 34.5	57 / 33.8
CO (Max. / Min.) (80/60 °C)	ppm	146.1/10.3	217/12.2	134.21/9.9	256.0/91.1	217.0/10.6	258.6/114.6	281.0 / 11.51	265.0 /14.2
CO_2 (Max. / Min.) (80/60 °C)	%	9.1/8.6	10.4/9.8	9.5/9.1	10.6/10.2	9.5/9.1	10.5/10.3	9.75/9.33	10.45/10.23
NOx	Class	6							
NOx Weight (GCV)	mg/kWh	24.75/13.1		23.8/11.6		24.4/11.7		35.26/12.26	
Exhaust Gas Mass Flow (60/80°C - Qn) Nominal/Min	g/s	38.9/6.5	40.2/6.8	45.3/7.2	48.3/7.5	53.2/8.2	56.8/8.6	53.5/11.5	53.8/10.7
General									
Dimensions (Height x Weight x Depth)	mm	800 x 612 x 495		800 x 612 x 530		800 x 612 x 605		800 x 612 x 680	
Sound Level	dB (A)	53		53		53		55	
Net Weight	kg	50		60		72		85	
Packaged Weight	kg	65		75		90		103	
Flue Connection Types		B_{23} . B_{23P} . C_{13} . C_{33} . C_{43} . C_{53} . C_{63} . C_{83} . C_{93}							
Category		$I_{2H}/I_{2E}/I_{3P}/I_{2B3P}$ (G20=20 mbar. G30=37 mbar)							

All information given in the brochure has been obtained as a result of the conducted tests. Data are subject to change without prior notice.

Warmhaus Technical Trainings

We support our business partners with comprehensive trainings and technical documentation.

Please visit our production site. All attendees receive a certificate at the end of the training.

During our training, our partners receive detailed information about the topics below:

- Operation Principles of Boilers
- Type of Boiler Technologies
- General Features of Warmhaus Boilers
- Operation Principles of Warmhaus Boilers
- Components of Warmhaus Boilers
- Differentiation points of Warmhaus Boilers

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