



# BAXI

General catalogue  
COMMERCIAL AND TECHNICAL INFORMATION  
Commercial Range

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Edition

## Company Profile

BAXI SPA has a proud tradition of developing and producing boilers and heating systems to the highest technological standards. For over 35 years BAXI SPA has provided a wide range of cutting-edge solutions, anticipating market evolutions and paying attention to customer needs.



## How to read this catalogue

In this catalogue we show the high efficiency condensing system complete range of BAXI products.

On each page, in addition to the product benefits, there is a detailed list of the appliance characteristics, a technical chart, and coloured icons.

These icons refer to the specific pages of the technical section of the catalogue where, by segment, the technical drawings and all the specific accessories are represented.

In the technical section you will find:



- Dimensional technical drawings  
Graphs  
Flue systems
- Flue tube accessories
- Hydraulic accessories
- Thermo-regulation accessories
- Other accessories

## More details and information on the website



By accessing to the [www.baxi.it](http://www.baxi.it), Reserved Area and then to the Tech Area, just after a quick registration it is possible to display and download the following documents:

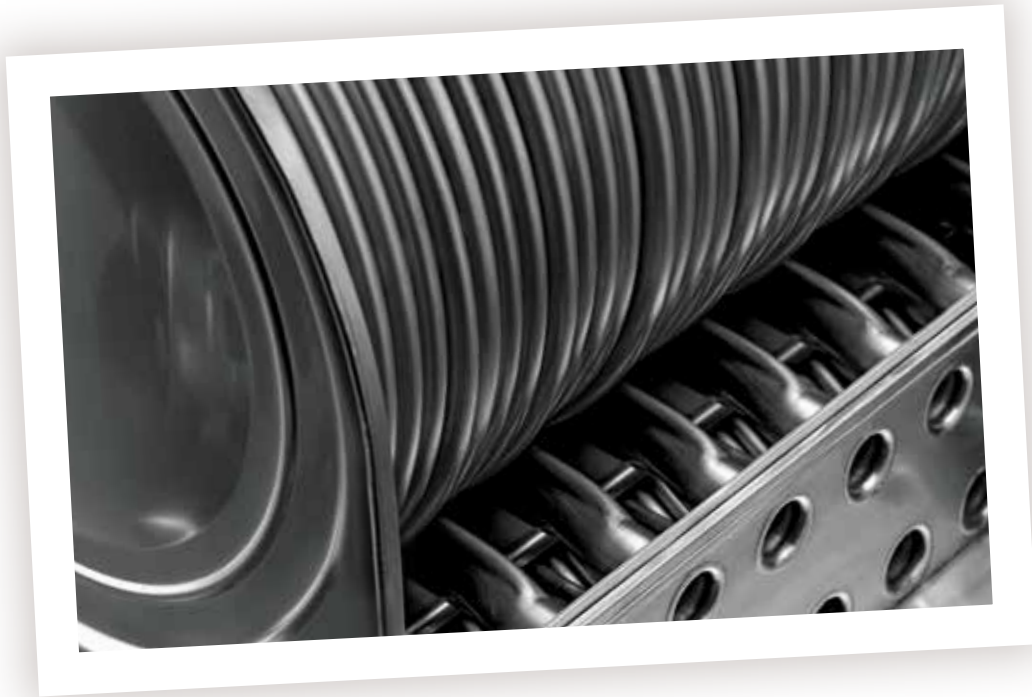
- Certifications
- Fault Finding List
- General Catalogues
- Instructions Manuals
- PCB Service Instructions
- Spare Parts Catalogues
- Technical Drawings
- Technical INFO
- Technical presentations



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Condensing technology is the latest face in boiler innovation. By employing pre-mix burner know how, condensing boilers ensure higher performance (efficiency up to 109,8%) thanks to the recovery of all the heat available through combustion without wasting energy into the air, as happens with traditional boilers.



## High efficiency installations

Baxi condensing systems represent the ideal solution for installations where high outputs are required.

The electronics platform of these boilers allows the control of single and cascade installations and a complete range of thermoregulation accessories.

## High modulation ratio

The new ranges of high efficiency condensing boilers are distinguished by a wider modulation ratio that grants a better efficiency thanks to reduced switch-on/ switch-off of the boiler.








## Cutting edge electronics

The sophisticated electronics of the high efficiency condensing boilers allows to manage single or cascade installation up to 16 boilers (Luna Duo-tec MP/MP+, Power HT+ 50-110, Power HT 230-320 or Power HT-A 430-650). It is just needed to connect the relevant accessories to the boiler's electronics.

## Compact weight and dimensions

Compact weight and dimensions of Baxi high efficiency condensing systems, guarantee the maximum flexibility and allow their installation also in small heat generator rooms.

## High output wall hung boilers

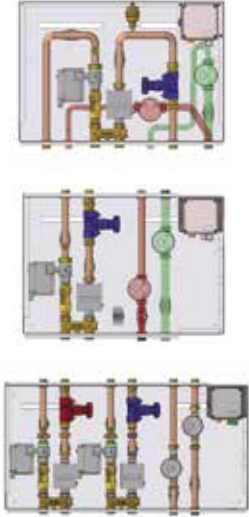

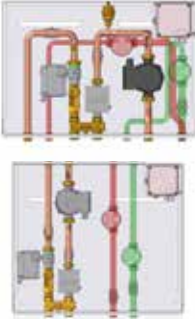
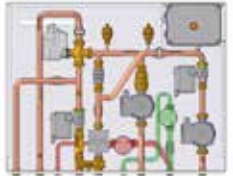


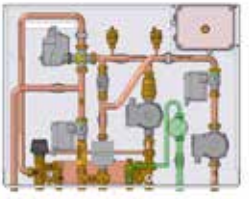
							
	Luna Platinum 1.12 GA 1.18 GA	Luna Platinum 1.24 GA 1.32 GA					
							
			Luna Duo-tec MP/MP+ 1.50	Luna Duo-tec MP/MP+ 1.60	Luna Duo-tec MP/MP+ 1.70	Luna Duo-tec MP/MP+ 1.90	Luna Duo-tec MP/MP+ 1.110
Maximum Heat Output 80°/60° C kW	12/16,9	24/32	45	55	65	85	102
Maximum Heat Output 50°/30° C kW	13,1/18,4	26,1/34,9	48,6	59,4	70,2	91,8	110,2

## High output floor standing boilers

50-150 kW		230-320 kW		430-650 kW	
					
Power HT+ 1.50 - 1.70 1.90 - 1.110	Power HT 1.1150 - 1.1200 1.1500	Power HT 1.230 - 1.280 - 1.320		Power HT-A 1.430 - 1.500 - 1.570 - 1.650	

Power HT/HT+	Maximum Heat Output 80°/60° C kW	Maximum Heat Output 50°/30° C kW	Power HT	Maximum Heat Output 80°/60° C kW	Maximum Heat Output 50°/30° C kW	Power HT-A	Maximum Heat Output 80°/60° C kW	Maximum Heat Output 50°/30° C kW
Model			Model			Model		
1.50 Power HT+	45	48,6	1.230 Power HT	210,1	229,8	1.430 Power HT-A	392,8	422,4
1.70 Power HT+	65	70,2	1.280 Power HT	254,5	278,1	1.500 Power HT-A	462	498,2
1.90 Power HT+	85	91,8	1.320 Power HT	294	321,3	1.570 Power HT-A	531,4	574,6
1.110 Power HT+	102	110,2				1.650 Power HT-A	601	651,5
1.1150 Power HT	112	121,1						
1.1200 Power HT	120	129,7						
1.1500 Power HT	150	162						

## M-BUS built-in heat boxes

	Without pump (mixing valve)		With pump	To manage 2 zones
Heating and cooling	 <p>Luna Sat RCZ-MB Luna Sat RCZ G1-MB Luna Sat RZ/1-MB Luna Sat RZH-MB Luna Sat RZH1-MB Luna Sat RZH2-MB</p>	 <p>Luna Sat RCZ-MB - Rack</p>	 <p>Luna Sat RPZ/1-MB Luna Sat RPZH-MB Luna Sat RPBZ-MB Luna Sat RPEZ-MB Luna Sat RPEZH-MB Luna Sat RPZ-SP-MB+2C</p>	 <p>Luna Sat RZ2Z-MB</p>
Combi	 <p>Luna Sat RSTZ-MB</p>		 <p>Luna Sat RAZ-MB Luna Sat RSPZ-MB Luna Sat RZ60 WH-MB (for wall hung installation with integrated cylinder)</p>	 <p>Luna Sat RAZ2Z-MB Luna Sat RSZ2Z-MB</p>

# High output condensing systems

## Thermal systems for cascade installations

### Wall hung boilers

- Luna Platinum 9
- Luna Duo-tec MP/MP+ 10
- Modular heating system for Luna Duo-tec MP/MP+ (GMC+) 11

### Floor standing boilers

- Power HT+ (outputs from 50 to 110 kW) 12
- Power HT (outputs from 112 to 150 kW) 13
- Power HT (outputs from 230 to 320 kW) 14
- Power HT-A (outputs from 430 to 650 kW) 15

### M-BUS built-in heat boxes

- Luna Sat-Heating and cooling models 16
- Luna Sat-Heating and DHW production models 18





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## Luna Platinum 12-32 kW



- Removable control panel for wall-hung installation with wide text display, regulation knob, menu selection buttons and back-lighting supplied with the boiler
- Wide modulation ratio up to 1:10: better efficiency thanks to reduced switch-on/switch-off of the boiler
- Gas Adaptive Control (GAC) system: combustion automatic control to maintain constantly the highest level of efficiency
- Integrated control of a solar system\*
- Complete soundproofing of the generator
- Circulating pump with full modulation
- Frontal access for advanced diagnostics

## Output from 12 to 32 kW

### Hydraulic system

- 3 way electric diverter valve
- Stainless steel premixing burner
- Stainless steel water/flue heat exchanger
- Modulating fan with electronic speed adjusting system
- Automatic by-pass
- Multi-speeds low energy pump of the heating circuit with built-in air vent
- System to prevent pump and diverter valve sticking operating every 24 hours
- Relief valve set at 3 bar

### Thermoregulation system

- Built-in climatic regulation (outdoor sensor available as optional)
- Control of multi-zones system option
- Cascade system installation option
- Room sensor, central heating and sanitary timers included in the control panel

### Control system

- Overheat limit thermostat of the water/flue exchanger
- Hydraulic pressure switch to prevent boiler operating in event of low water
- Safety NTC sensor against flues overheat
- Electronic temperatures control by NTC sensors
- Full anti-frost device
- Electronic thermometer
- Digital central heating pressure gauge

		1.12 GA	1.18 GA	1.24 GA	1.32 GA
Product code		7102665	7108435	7106583	7108436
Maximum heating heat input	kW	12,4	17,4	24,7	33
Maximum heating heat output 80/60°C	kW	12	16,9	24	32
Maximum heating heat output 50/30°C	kW	13,1	18,4	26,1	34,9
Minimum heating heat output 80/60°C	kW	2	2,4	2,4	3,2
Minimum heating heat output 50/30°C	kW	2,2	2,7	2,7	3,5
Energetic efficiency (92/42/CEE)		★★★★	★★★★	★★★★	★★★★
Average efficiency (DIN 4702-T8)	%	109,8	109,8	109,8	109,8
Nominal efficiency 80/60°C	%	97,8	97,7	97,6	97,6
Nominal efficiency 50/30°C	%	105,8	105,8	105,7	105,7
Efficiency 30%	%	107,8	107,7	107,6	107,6
NOx class (EN 483)		5	5	5	5
Minimum working temperature	°C	-5	-5	-5	-5
Expansion vessel capacity/pre-charge	l/bar	8/0,8	8/0,8	8/0,8	10/0,8
Heating temperature range.	°C	25/80	25/80	25/80	25/80
Maximum pressure heating circuit	bar	3	3	3	3
Coaxial flue system Ø 60/100 max length	m	10	10	10	10
Dual flue system Ø 80 max length	m	80	80	80	80
Maximum flue mass flow rate	kg/s	0,006	0,008	0,012	0,016
Minimum flue mass flow rate	kg/s	0,001	0,001	0,001	0,002
Maximum flue temperature	°C	75	75	80	80
Dimensions (h x w x d)	mm	760 x 450 x 345			
Net weight	kg	34,5	34,5	34,5	37,5
Gas type		Natural Gas/LPG			
Power consumption	W	108	122	120	130
Grade of protection		IPX5D	IPX5D	IPX5D	IPX5D

\*in case of contemporary control of a solar system and a zone by the wall-mounted control panel, it is necessary to install a programmable clip in/external module THINK.

## Luna Duo-tec MP/MP+ 35-110 kW



- Stainless steel single chamber (50 - 60 - 70 kW) and double chamber (90 - 110 kW) exchanger: high output in compact size, reliability and long life.
- High modulation ratio (1÷9): better efficiency thanks to reduced switch-on/switch-off of the boiler
- Full modulating low energy circulating pump (ErP ready - class A) with enhanced head pump (Luna Duo-tec MP+ models)
- Digital control panel with push buttons and wide LCD display (numbers and symbols)
- Compact size and minimal weight
- Complete range of accessories for single and cascade installations

### Output from 35 to 110 kW

#### Hydraulic system

Modulating pump included in the boiler  
(Luna Duo-tec MP models)  
Full modulating low energy circulating pump (ErP ready - class A) with enhanced head pump (Luna Duo-tec MP+ models)  
System to prevent pump sticking operating every 24 hours  
Flow and return NTC sensors  
Water tray for condensate drain from supply air duct

#### Thermoregulation system

Built-in climatic regulation (outdoor sensor supplied as optional)  
Mixed zones systems (high and low temperatures) installation option  
Cascade system installation option (up to 16 boilers)  
NTC sensor for DHW cylinder control option  
Heating and DHW timers integrated in the control panel

#### Control system

Full electronic anti-frost device  
Electronic thermometer  
Central heating pressure gauge  
Flow over-temperature thermostat






		1.35	1.50	1.60	1.70	1.90	1.110
Product code		7104050 (MP) 7213428 (MP+)	7104050 (MP) 7213429 (MP+)	7104051 (MP) 7213430 (MP+)	7104052 (MP) 7213431 (MP+)	7104651 (MP) 7213432 (MP+)	7104652 (MP) 7213433 (MP+)
Maximum heating heat input	kW	34,8	46,3	56,6	66,9	87,4	104,9
Maximum heating heat output 80/60°C	kW	33,8	45	55	65	85	102
Maximum heating heat output 50/30°C	kW	36,5	48,6	59,4	70,2	91,8	110,2
Minimum heat output 80/60°C	kW	5	5	6,1	7,2	9,4	11,4
Minimum heat output 50/30°C	kW	5,4	5,4	6,6	7,8	10,2	12,3
Energetic efficiency 92/42/CEE		★★★★	★★★★	★★★★	★★★★	★★★★	★★★★
Average efficiency (DIN 4702-T8)	%	109,8	109,8	109,8	109,8	109,8	109,8
Nominal efficiency 80/60°C	%	97,4	97,2	97,2	97,2	97,2	97,2
Nominal efficiency 50/30°C	%	105	105	105	105	105	105
Efficiency at 30%	%	107,7	107,8	107,4	107,1	107,5	107,4
NOx class (EN 483)		5	5	5	5	5	5
Minimum working temperature	°C	-5	-5	-5	-5	-5	-5
Water content	lt	4	4	5	6	9	10
Heating system max pressure	bar	4	4	4	4	4	4
Safety valve intervention pressure	bar	4	4	4	4	4	4
Regulation of water temperature in heating circuit	°C	25/80	25/80	25/80	25/80	25/80	25/80
Coaxial flue system	mm	ø 80/125	ø 80/125	ø 80/125	ø 80/125	ø 110/160	ø 110/160
Dual flue system	mm	80+80	80+80	80+80	80+80	110+110	110+110
Maximum flue mass flow rate	kg/s	0,016	0,021	0,026	0,031	0,04	0,047
Minimum flue mass flow rate	kg/s	0,002	0,002	0,003	0,004	0,005	0,005
Maximum flue temperature	°C	76	80	80	74	70	70
Dimensions (h x w x d)	mm	766x450x377	766x450x377	766x450x377	766x450x505	952x600x584	952x600x584
Net weight	kg	40	40	40	50	83	93
Gas type		Nat. gas/LPG					
Power consumption	W	180	190	210	210	275	320
Grade of protection		IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D



## Modular heating system for Luna Duo-tec MP/MP+ (GMC+)



- The modular generators GMC+ consist of wall hung condensing boilers of the Luna Duo-tec MP (or MP+) range, located in a cabinet suitable for outside installations. The system includes hydraulic manifolds and safety devices.
- Inside the cabinet, the boilers can be installed as single as in cascade. In this case, the system requires also an electronic extension module and the remote control THINK, already included in the electric connection box inside the cabinet.
- The BAXI GMC+ range includes pre-assembled solutions in 1, 2 or 3 doors cabinets, suitable for wall hung boilers between 35 and 110 kW.
- 175 cm height (excluding the chimneys).
- The hydraulic header can be located inside, if required.
- Outside sensor included.
- Hydraulic collectors already insulated and supported by brackets.
- Condensate drain duct already included inside.
- The product is delivered completely assembled and tested.

CABINET made of:	N° of installed Boilers	LUNA DUO-TEC MP /MP+ possible configuration	Tot. installed kW
1 door*		1.35 - 1.50 - 1.60 - 1.70	35 - 50 - 60 - 90 - 110
		1.90 - 1.110	
2 doors*	 or 	1.35 - 1.50 - 1.60 - 1.70 1.90 - 1.110	From 35 kW to 220 kW
3 doors*	 or 	1.35 - 1.50 - 1.60 - 1.70 1.90 - 1.110	From 35 kW to 330 kW

\* to install the hydraulic compensator and the system accessories sheltered from the bad weather it is possible to order an additional cabinet

## Power HT+



**NEW**

- High modulation ratio (1:9) better efficiency thanks to reduced switch-on/switch off of the boiler
- Full modulating low energy circulating pump (ErP ready - class A) with enhanced head pump - available with the hydraulic connection
- Stainless steel exchanger
- Fanned flue models with coaxial or dual flue pipes
- Cascade installation up to 16 boilers
- THINK electronic platform, with protection panel

Output  
from 50 to 110 kW

### Hydraulic system

Stainless steel premixing burner with modulating fan  
Stainless steel water/flue exchanger  
System to prevent pump sticking operating every 24 hours  
Flow and return NTC sensor

### Thermoregulation system

Built-in remote control and climatic regulator  
Built-in climatic regulation (with outdoor sensor supplied as optional)  
Mixed zones system (high and low temperatures) installation option  
Cascade system installation option (up to 16 boilers)  
NTC sensor for DHW cylinder control option

### Control system

Programmable room unit for heating and DHW  
Overheat limit thermostat of the water/flue exchanger  
Low water pressure switch  
Heating circuit digital manometer  
Full anti-frost device  
Control device for water circulation  
Electronic thermometer  
Complete range of accessories for single and cascade installations

		1.50	1.70	1.90	1.110
Product code		7612418	7612419	7612420	7612421
Maximum heating heat input	kW	46,3	66,9	87,4	104,9
Minimum heating heat input	kW	5,1	7,4	9,7	11,7
Maximum heating heat output 80/60°C	kW	45	65	85	102
Maximum heating heat output 50/30°C	kW	48,6	70,2	91,8	110,2
Minimum heating heat output 80/60°C	kW	5,0	7,2	9,4	11,4

Energetic efficiency 92/42/CEE		★★★★	★★★★	★★★★	★★★★
Efficiency at 70°C T	%	97,4	97,2	97,3	97,2
Efficiency at 30%	%	105	105	105,5	105,1

#### At maximum output

Combustion efficiency	%	98,0	97,8	97,9	97,8
Chimney losses	%	2,0	2,2	2,1	2,2
Heat losses through the casing	%	0,6	0,6	0,6	0,6

#### At maximum output

Maximum flue temperature	°C	92	76	70	70
CO <sub>2</sub>	%	9,0	9,0	9,0	9,2
O <sub>2</sub>	%	4,8	4,8	4,8	4,5
Air-fuel ratio AFR	%	30	30	30	27
Flue mass flow rate	kg/h	0,021	0,031	0,040	0,047

#### At minimum output

Maximum flue temperature	°C	58	55	55	55
CO <sub>2</sub>	%	8,5	8,5	8,5	9,0
O <sub>2</sub>	%	5,7	5,7	5,7	4,8
Air-fuel ratio AFR	%	38	38	38	30
Flue mass flow rate	kg/h	0,021	0,031	0,040	0,047
Power consumption	W	190	210	275	320
Water content	l	2,81	4,98	8,34	9,83
Maximum working pressure	bar	4	4	4	4
Chimney losses (burner off)	%	0,1	0,1	0,1	0,1



## Power HT 45-150 kW



Phasing out products

- Stainless steel double chamber exchanger: high output in compact size, reliability and long life
- Digital control panel “advanced CPS system” with push buttons and wide LCD display with text and symbols
- Complete range of temperature regulation accessories
- Minimal weight and size
- Complete range of accessories for single and cascade installations

## Output from 112 to 150 kW

### Hydraulic system

Stainless steel premixing burner  
Stainless steel water/flue exchanger  
System to prevent pump sticking  
operating every 24 hours

### Thermoregulation system

Remote controller and climatic regulator (supplied as optional)  
Built-in weather compensation function (outdoor sensor supplied as optional)  
Mixed zones systems (low and high temperature) installation option  
Cascade system installation option  
NTC sensor for DHW cylinder control option

### Control system

Central heating and indirect cylinder timer  
Hydraulic pressure switch to prevent boiler operating in event of low water  
Full electronic anti-frost device  
Electronic thermometer  
Central heating pressure gauge

		1.1150	1.1200	1.1500
Product code	WHS	43111260	43112060	43115060
Maximum heating heat input	kW	115	123,2	154
Maximum heating heat output 80/60°C	kW	112	120	150
Maximum heating heat output 50/30°C	kW	121,1	129,7	162
Minimum heat output 80/60°C	kW	39	39	40,4
Minimum heat output 50/30°C	kW	42,1	42,1	43,7
<b>Energetic efficiency 92/42/CEE</b>				
		★★★★	★★★★	★★★★
Average efficiency (DIN 4702-T8)	%	109,8	109,8	109,8
Nominal efficiency 80/60°C	%	97,4	97,4	97,4
Nominal efficiency 50/30°C	%	105,3	105,3	105,2
Efficiency at 30%	%	107,5	107,5	107,2
NOx class (EN 483)		5	5	5
Minimum working temperature	°C	-5	-5	-5
Safety valve intervention pressure	bar	3	3	3
Heating system max pressure	bar	4	4	4
<b>Regulation of water temperature in heating circuit</b>				
	°C	25/80	25/80	25/80
Primary circuit water flow (ΔT=20°C)	l/h	4.800	5.200	6.500
Water content	l	23,3	23,3	25,3
Flue tube	ø mm	100	100	100
Flue ducts max length	m	20	20	20
Maximum flue mass flow rate	kg/s	0,054	0,059	0,073
Minimum flue mass flow rate	kg/s	0,019	0,019	0,02
Maximum flue temperature	°C	72	77	75
<b>Dimensions (h x w x d)</b>				
	mm	850x450x1024	850x450x1024	850x450x1132
Net weight	kg	95	95	103
<b>Gas type</b>				
Power consumption	W	128	135	235

## Power HT 230-320 kW



- Aluminium-Silicon exchanger with glass wool insulation: high efficiency and reliability and long life
- Modulation ratio (1:6)
- Low emissions pre-mixing burner
- Digital control panel with back-lighted LCD display and advanced electronics to manage single and cascade installations
- Easy to transport and to install
- Low noise operational
- Pump not included inside the boiler (see suggested pumps at the bottom of the page)

### Output from 230 to 320 kW

#### Hydraulic system

Hydraulic connections on the rear side  
Sticking pump check system  
Flow and return NTC sensors  
Premixed low-emissions burner

#### Thermoregulation system

Built-in climatic regulation  
(outdoor sensor included)  
Mixed zones systems  
(high and low temperatures)  
zone controllers as optional  
Cascade system installation option  
(up to 16 boilers)  
NTC sensor for DHW cylinder  
control option  
Heating and DHW scheduler  
integrated in the control panel

#### Control system

Full electronic anti-frost device  
Electronic thermometer  
Flow over-temperature thermostat

		Power HT 1.230	Power HT 1.280	Power HT 1.320
Product code	LSX	41123060	41128060	41132060
Nominal heat output	kW	215,0	260,0	300,0
Maximum heating heat output 80/60°C	kW	210,1	254,5	294,0
Maximum heating heat output 50/30°C	kW	229,8	278,1	321,3
Minimum heat output 80/60°C	kW	33,5	40,2	45,9
Minimum heat output 50/30°C	kW	37,4	44,9	51,4
<b>Energetic efficiency 92/42/CEE</b>				
		★★★★	★★★★	★★★★
Average efficiency (DIN 4702-T8)	%	109,6	109,7	109,7
Nominal efficiency 80/60°C	%	97,9	98,0	98,0
Nominal efficiency 50/30°C	%	106,9	107,0	107,1
Efficiency at 30%	%	105,4	105,6	105,7
NOx Class (EN 483)		5	5	5
Minimum working temperature	°C	-5	-5	-5
Heating system max pressure	bar	6	6	6
<b>Water content</b>				
	lt	38	45	53
<b>Flue ducts max length</b>				
	m	60 (Ø200)	60 (Ø200)	60 (Ø200)
<b>Maximum flue mass flow rate</b>				
	kg/s	0,097	0,118	0,136
<b>Minimum flue mass flow rate</b>				
	kg/s	0,016	0,019	0,021
<b>Maximum flue temperature</b>				
	°C	61	60	60
<b>Dimensions (h x w x d)*</b>				
	mm	1458x692x1231	1458x692x1324	1458x692x1417
<b>Net weight</b>				
	kg	285	314	344
<b>Gas type</b>				
		Natural Gas		
<b>Power consumption</b>				
	W	330	350	410
<b>Suggested pumps</b>				
		Magna 3 40-80**	Magna 3 50-60**	Magna 3 50-60**

(\* ) Flue ducts and hydraulic pipes included

(\*\* ) In case of Grundfos Magna modulating pump installation a signal converter (230V / 0-10V KPM) must be ordered (code LXO 00061010)



## Power HT-A 430-650 kW



- Aluminium-Silicon exchanger with glass wool insulation: high annual efficiency, reliability and long life
- Modulation ratio (1:5)
- Digital control panel with back-lighted LCD display and advanced electronics to manage single and cascade installations
- Easy to transport and to install (compact width-only 762 mm)
- Low noise and emissions
- Integrated management of solar collectors
- Pump not included inside the boiler (see suggested pumps at the bottom of the page)

## Output from 430 to 650 kW

### Hydraulic system

Hydraulic connections on the top side  
Sticking pump check system  
Flow and return NTC sensors  
Premixed low-emissions burner

### Thermoregulation system

Built-in climatic regulation (outdoor sensor included)  
Mixed zones systems (high and low temperatures) zone controllers as optional  
Cascade system installation option (up to 16 boilers)  
NTC sensor for DHW cylinder control option  
Heating and DHW scheduler integrated in the control panel

### Control system

Full electronic anti-frost device  
Electronic thermometer  
Flow over-temperature thermostat

		Power HT-A 1.430	Power HT-A 1.500	Power HT-A 1.570	Power HT-A 1.650
Product code	LSX	41143060	41150060	41157060	41165060
Nominal heat output	kW	400	470	540	610
Maximum heating heat output 80/60°C	kW	392,8	462	531,4	601
Maximum heating heat output 50/30°C	kW	422,4	498,2	574,6	651,5
Minimum heat output 80/60°C	kW	77	91	105	119
Minimum heat output 50/30°C	kW	84,8	99,8	115	130,4
<b>Energetic efficiency 92/42/CEE</b>					
		★★★★	★★★★	★★★★	★★★★
Average efficiency (DIN 4702-T8)	%	109,4	109,3	109,2	109,1
Nominal efficiency 80/60°C	%	98,2	98,3	98,5	98,5
Nominal efficiency 50/30°C	%	105,9	105,8	105,8	105,7
NOx Class (EN 483)		5	5	5	5
Minimum working temperature	°C	-5	-5	-5	-5
Heating system max pressure	bar	6	6	6	6
<b>Water content</b>					
	lt	73	84	97	106
<b>Flue ducts max length</b>					
	m	60 (Ø250)	60 (Ø250)	60 (Ø250)	60 (Ø250)
<b>Maximum flue mass flow rate</b>					
	kg/s	0,188	0,22	0,253	0,286
<b>Minimum flue mass flow rate</b>					
	kg/s	0,038	0,044	0,05	0,057
<b>Maximum flue temperature</b>					
	°C	60	60	60	60
<b>Dimensions (h x w x d)*</b>					
	mm	1526x762x1882	1526x762x2192	1526x762x2192	1526x762x2192
<b>Net weight</b>					
	kg	540	598	636	674
<b>Gas type</b>					
		Natural Gas / LPG			
<b>Power consumption</b>					
	W	463	583	790	750
<b>Suggested pumps</b>					
		Magna 3 65-100**	Magna 3 65-120**	Magna 3 65-120**	Magna 3 80-100**

(\* ) Flue ducts and hydraulic pipes included

(\*\* ) In case of Grundfos Magna modulating pump installation a signal converter (230V / 0-10V KPM) must be ordered (code LXO 00061010)

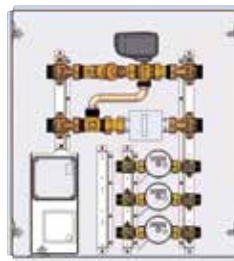


## Luna Sat-Heating and cooling models

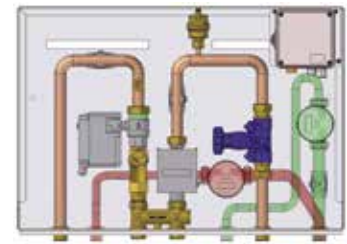
### Models without pump



RCZ-MB: KSV 71414711



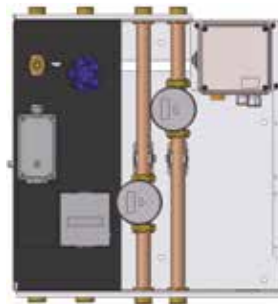
RCZ G1-MB: KSV 71414861



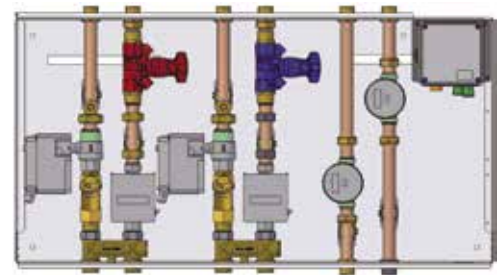
RZ/1-MB: KSV 71415031



RZH-MB: KSV 71415181



RZH1-MB: KSV 71415201



RZ2H-MB: KSV 71415301

RZ1-MB, RZH-MB, RZH1-MB, RZ2H-MB are available also with built-in flow meter

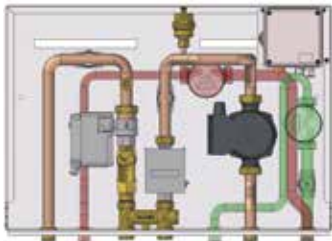
		RCZ-MB	RCZ G1-MB	RZ/1-MB**	RZH-MB**	RZH1-MB	RZ2H-MB
Heating circuit maximum pressure	bar	4	4	4	4	4	4
Water contents	l	0,5	0,8	1,5	1,5	1,5	1,5
Power supply voltage	V	230	230	230	230	230	230
Power supply frequency	Hz	50	50	50	50	50	50
Power consumption	W	15	15	15	15	15	15
Width of the case	mm	450	550	600	650	400*	750
Height of the case	mm	450	600	650	650	600*	800
Depth of the case	mm	110	120	150	150	200*	150
Net weight	Kg	3,2	5,5	11	11	9	9
Maximum temperature of the warm fluid (inlet)	°C	90	90	90	90	90	90
Feed flow (inlet)	l/h	700 ÷ 1000 l/h	700 ÷ 1000 l/h	700 ÷ 1000 l/h	700 ÷ 1000 l/h	700 ÷ 1000 l/h	700 ÷ 1000 l/h
Flow-losses	kPa	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h

(\*) The case can not be used. Measures are referred to RZH1 model without casing including interception taps

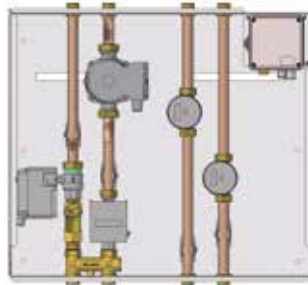
(\*\*) For cooling the heat box must be insulated



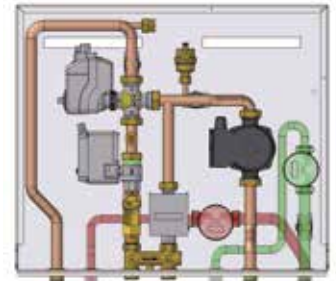
## Luna Sat-Heating and cooling models Models with pump



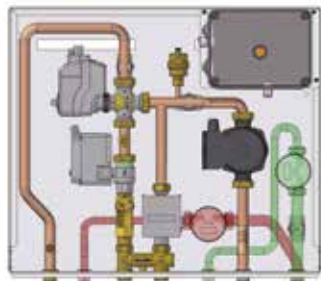
RPZ/1-MB: KSV 71415041



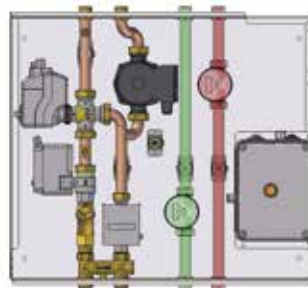
RPZH-MB: KSV 71415231



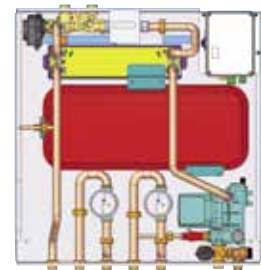
RPBZ-MB: KSV 71414911



RPEZ-MB: KSV 71414921



RPEZH-MB: KSV 71415401



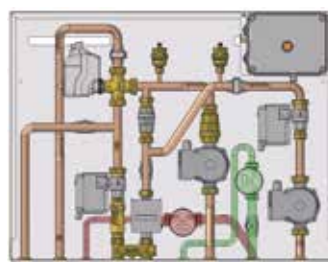
RPZ-SP-MB + 2C: KSV 71415171

RPZ/1-MB, RPZH-MB, RPEZ-MB, RPEZH-MB are also available with built-in flow meter

		RPZ/1-MB**	RPZH-MB**	RPBZ-MB**	RPEZ-MB**	RPEZH-MB**	RPZ-SP-MB+2C	RZ2Z-MB
Models with pump		•	•	•	•	•	•	•
Models with 2nd zone		-	-	-	-	-	-	•
Heating temperature regulation with high climatic curve	°C	-	-	-	25/80	-	-	25/80
Heating circuit maximum pressure	bar	4	4	4	4	4	4	4
Water contents	l	2	2	2	2	2	9,5	3,5
Power supply voltage	V	230	230	230	230	230	230	230
Power supply frequency	Hz	50	50	50	50	50	50	50
Power consumption	W	110	110	110	110	110	110	210
Width of the case	mm	600	600	600	600	600	600	800
Height of the case	mm	650	850	700	700	850	850	750
Depth of the case	mm	150	150	150	150	150	150	150
Net weight	Kg	13	13	12	13,50	14	17	22
Maximum temperature of the warm fluid (inlet)	°C	90	90	90	90	90	90	90
Feed flow (inlet)	l/h	700 ÷ 1000 l/h	700 ÷ 1000 l/h	700 ÷ 1000 l/h	700 ÷ 1000 l/h	700 ÷ 1000 l/h	700 ÷ 1000 l/h	700 ÷ 1000 l/h
Flow-losses	kPa	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h

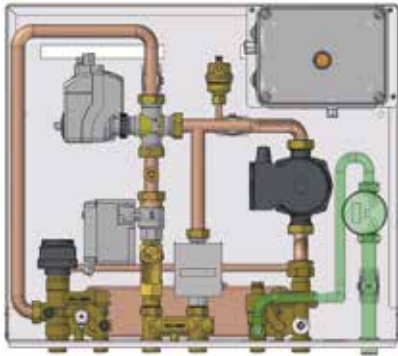
(\*\*) For cooling the heat box must be insulated

## Model to manage 2 different zones

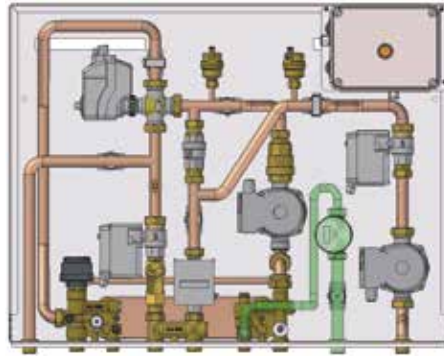


RZ2Z-MB: KSV 71415071

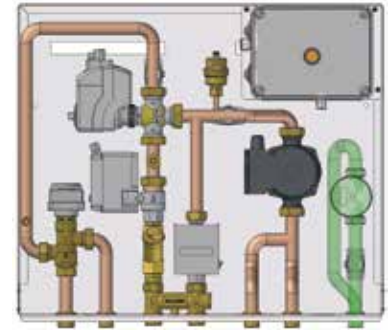
## Luna Sat-Heating and DHW production models



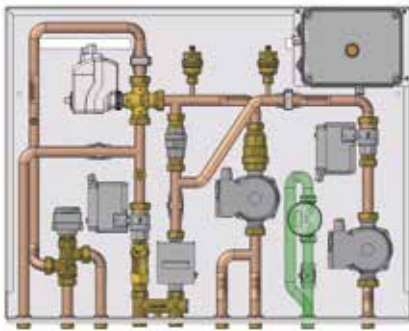
RSPZ-MB: KSV 71414901



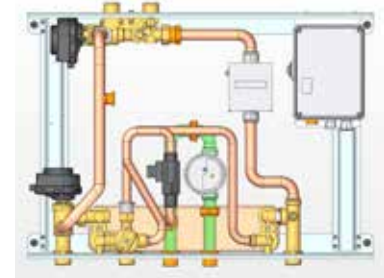
RSZ2Z-MB: KSV 71415121



RAZ-MB: KSV 71415141



RAZ2Z-MB: KSV 71415151


 RZ60WH-MB:  
KSV 71415391


RSTZ-MB: KSV 71415161

RSPZ-MB, RAZ-MB, RAZ2Z-MB, RAZ2Z-MB are available also with built-in flow meter

		RSPZ-MB	RSZ2Z-MB	RAZ-MB	RZ60WH-MB	RAZ2Z-MB	RSTZ-MB
DHW production		•	•	•	•	•	•
Models with pump		•	•	•	•	•	-
Models with 2nd zone		-	•	-	-	•	-
Heating temperature regulation with high climatic curve							
Heating temperature regulation with high climatic curve	°C	25/80	25/80	25/80	25/80	25/80	25/80
DHW regulation	°C	30/60	30/60	30/65	30/65	30/65	30/60
DHW production with $\Delta T=35^{\circ}\text{C}$ and inlet water temperature $75^{\circ}\text{C}$	l/m	14,3	14,3	14,3	14,3	14,3	14,3
Heating circuit maximum pressure	bar	4	4	4	4	4	4
DHW circuit maximum pressure	bar	8	8	8	8	8	8
DHW circuit minimum pressure	bar	0,2	0,2	0,2	0,2	0,2	0,2
Water contents	l	2,5	4	2	5	4	2
Power supply voltage	V	230	230	230	230	230	230
Power supply frequency	Hz	50	50	50	50	50	50
Power consumption	W	110	210	150	110	210	15
Width of the case							
Width of the case	mm	600	800	600	450	800	600
Height of the case							
Height of the case	mm	700	750	700	910	750	600
Depth of the case							
Depth of the case	mm	150	150	150	473	150	150
Net weight							
Net weight	Kg	18	28	16	38	25	16
Maximum temperature of the warm fluid (inlet)							
Maximum temperature of the warm fluid (inlet)	°C	90	90	90	90	90	90
Feed flow (inlet)							
Feed flow (inlet)	l/h	1000 ÷ 1500	1000 ÷ 1500	1000 ÷ 1500	1000 ÷ 1500	1000 ÷ 1500	1000 ÷ 1500
Flow-losses							
Flow-losses	kPa	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h	20Kpa at 700 l/h

## Luna Sat RCZ-MB in Rack

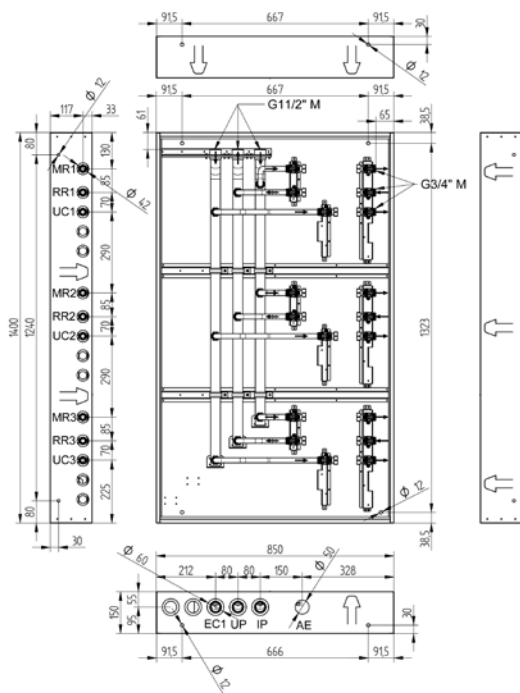


- Parallel assembly of 3 or 4 Luna Sat RCZ-MB option
- Up to 3 flow meters for each Luna Sat RCZ-MB installation option
- Insulated hydraulic manifolds available as option
- Built-in taps in the casing

RCZ-MB		
Heating circuit maximum pressure	bar	4
Water content	l	0,5
Power supply voltage	V	230
Power supply frequency	Hz	50
Power consumption	W	15
Width of the case	mm	450
Height of the case	mm	450
Depth of the case	mm	110
Net weight	Kg	3,2

### DIMENSIONS

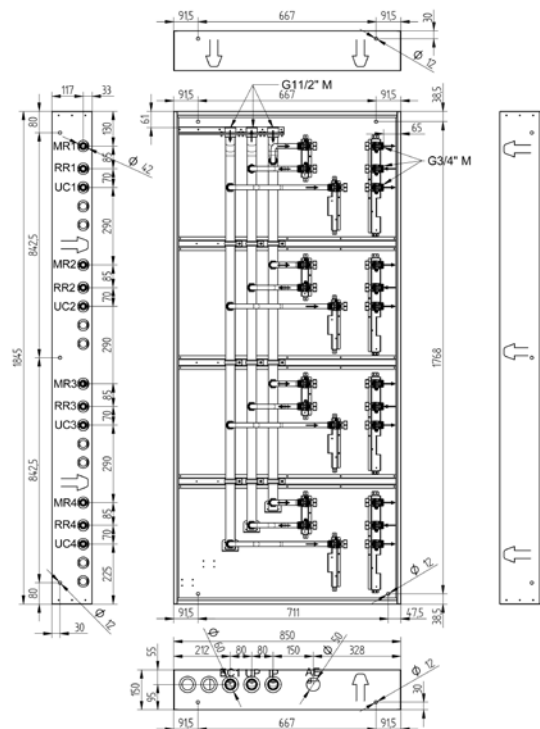
3 modules Rack



MR1-MR2-MR3 = apartment heating flow  
 RR1 - RR2 - RR3 = apartment heating return  
 UC1 - UC2 - UC3 = heat meter outlet 1 - 2 - 3 to the apartment  
 IP = primary inlet from centralized system  
 UP = primary outlet to the centralized system  
 EC1 = inlet to the first heat meter

AE = hole for cables






4 modules Rack



MR1-MR2-MR3 = apartment heating flow  
 RR1 - RR2 - RR3 = apartment heating return  
 UC1 - UC2 - UC3 = heat meter outlet 1 - 2 - 3 to the apartment  
 IP = primary inlet from centralized system  
 UP = primary outlet to the centralized system  
 EC1 = inlet to the first heat meter system

AE = hole for cables

# Technical Section

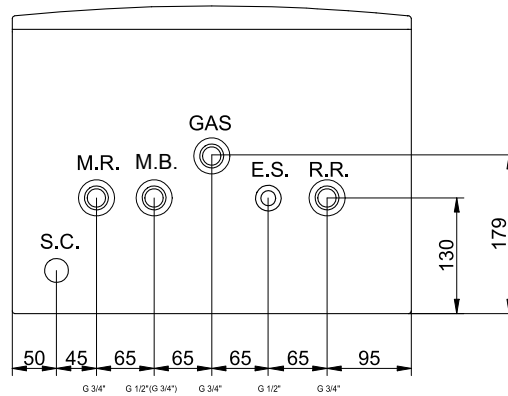
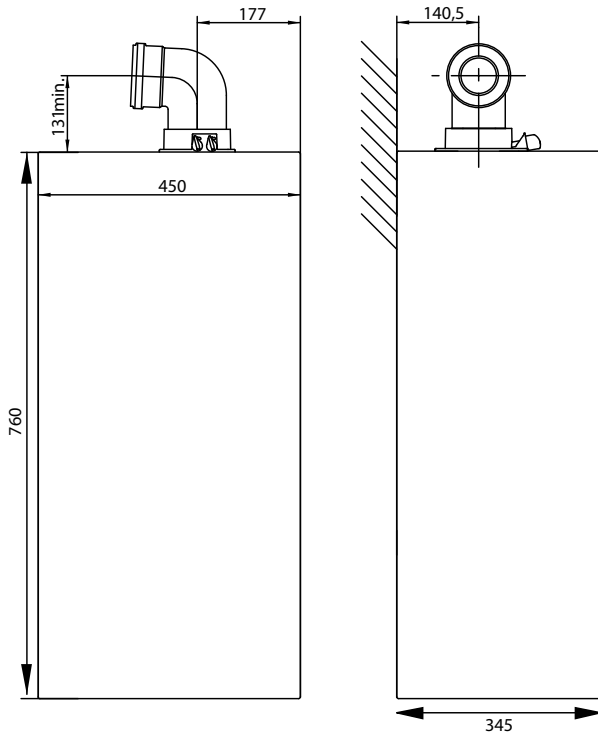
	Technical drawings Graphs Flue systems	21
	Flue pipes accessories	41
	Hydraulic accessories	47
	Thermoregulation accessories	53
	Other accessories	56
	Products technical data	59



# High output condensing system

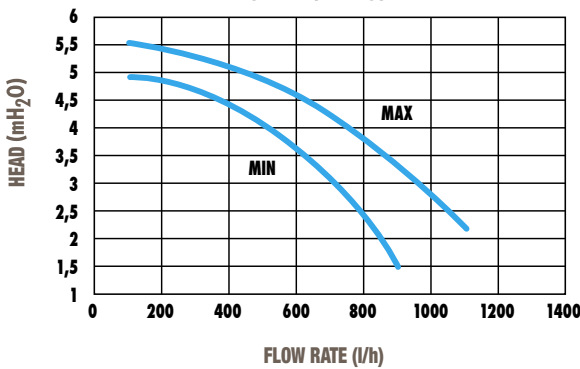
Luna Platinum

1.12 GA-1.18 GA-1.24 GA-1.32 GA

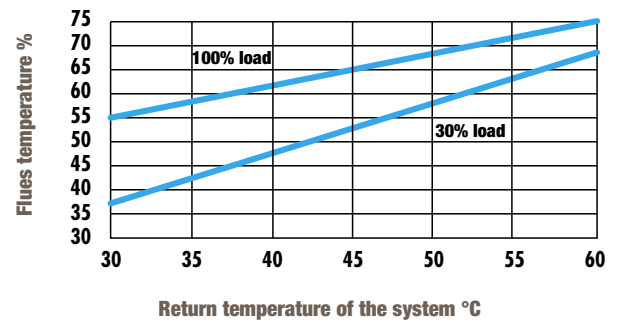


- S.C. Condensing trap that can be installed on a  $\varnothing$  21 pipe
- M.R. Heating system flow G 3/4"
- M.B. Storage tank flow G 3/4"
- GAS Gas inlet G 3/4"
- E.S. Mains water G 1/2"
- R.R. Heating system return G 3/4"

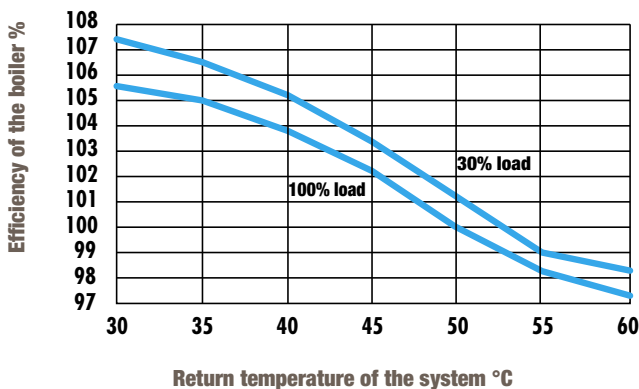
FLOW RATE/HEAD CURVE



FLUES TEMPERATURE ACCORDING TO THE RETURN TEMPERATURE

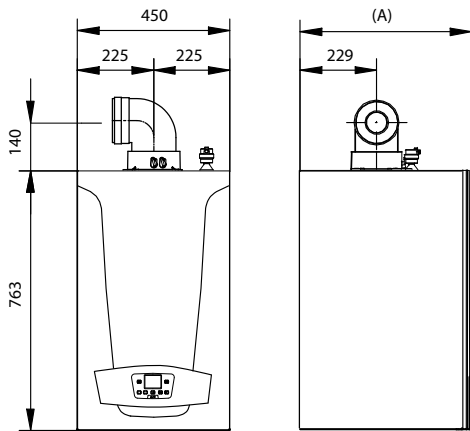


EFFICIENCY OF THE BOILER ACCORDING TO THE RETURN TEMPERATURE



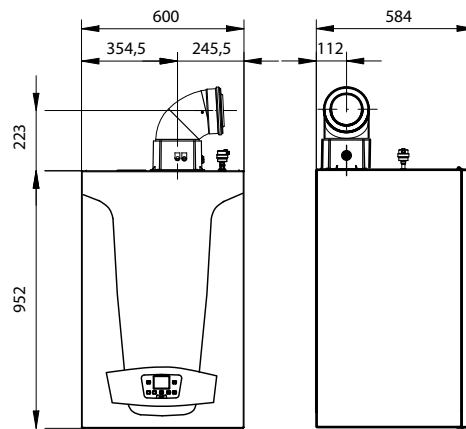
## High output condensing system

Luna Duo-tec MP/MP+ 1.50-1.60-1.70

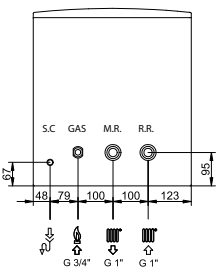


(A) 377 mm Mod. 1.50-1.60 - 505 mm Mod. 1.70

Luna Duo-tec MP/MP+ 1.90-1.110

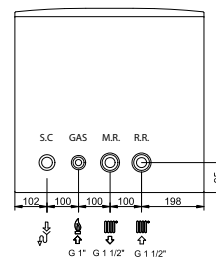


Coaxial flue system  $\varnothing$  80/125  
Dual flue system  $\varnothing$  80

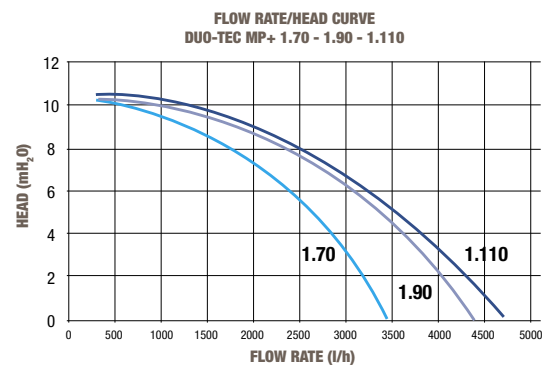
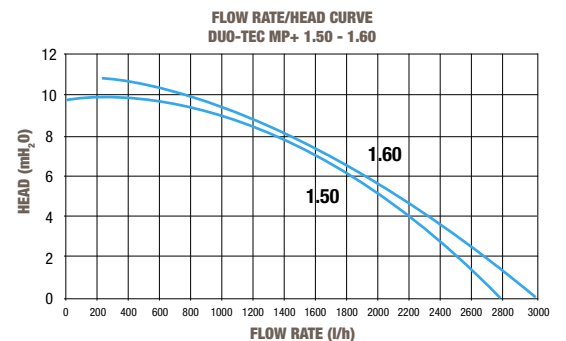
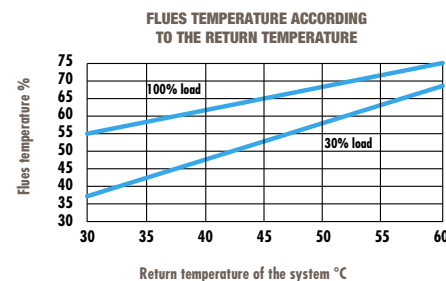
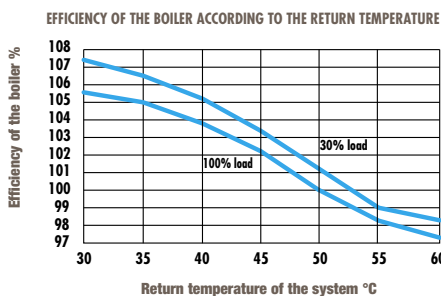
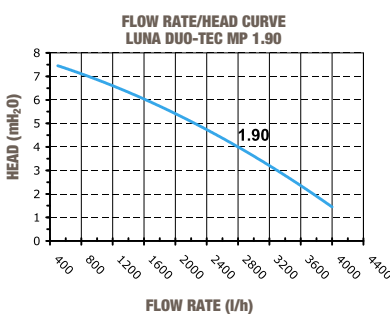
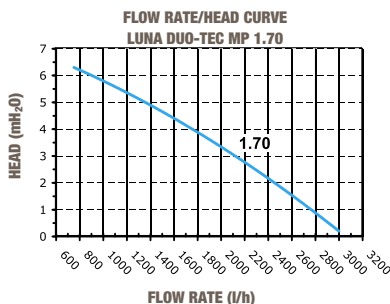
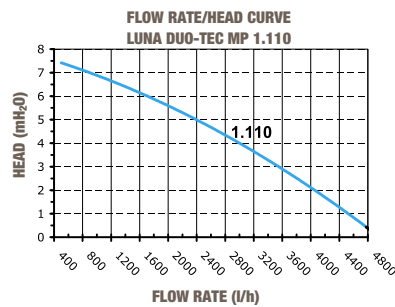
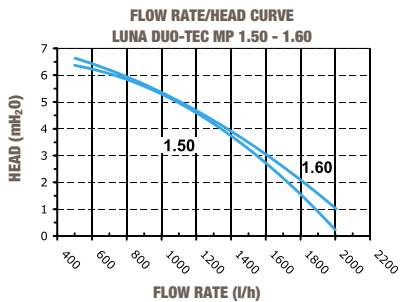


GAS Gas inlet G  $\frac{3}{4}$ "  
M.R. Heating system flow (G1") with cylinder connection option  
R.R. Heating system return (G1") with cylinder connection option  
S.C. Condensing trap that can be installed on a  $\varnothing$  21 pipe

Coaxial flue system  $\varnothing$  110/160  
Dual flue system  $\varnothing$  110



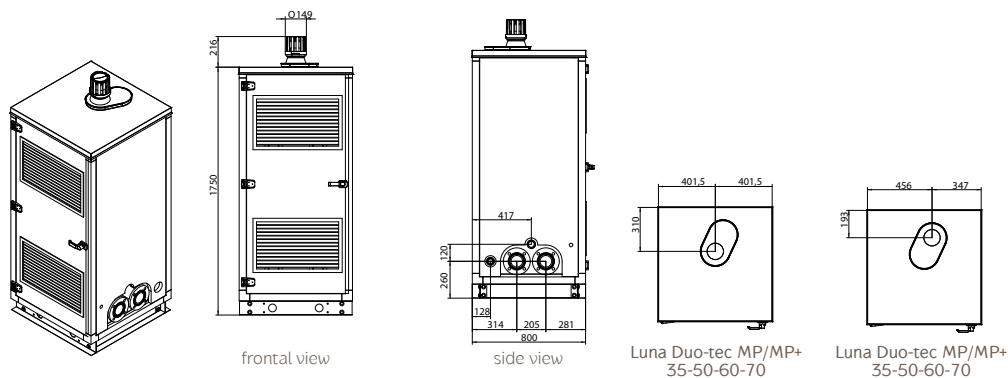
GAS Gas inlet G 1"  
M.R. Heating system flow (G1-G1/2") with cylinder connection option  
R.R. Heating system return (G1-1/2") with cylinder connection option  
S.C. Condensing trap that can be installed on a  $\varnothing$  21 pipe





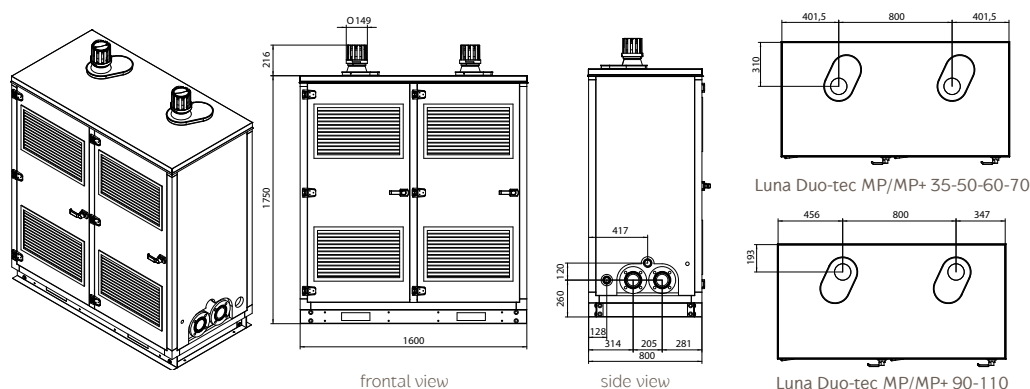
# High output condensing system

Modular heating system for Luna Duo-tec MP/MP+ (GMC+) - 1 door



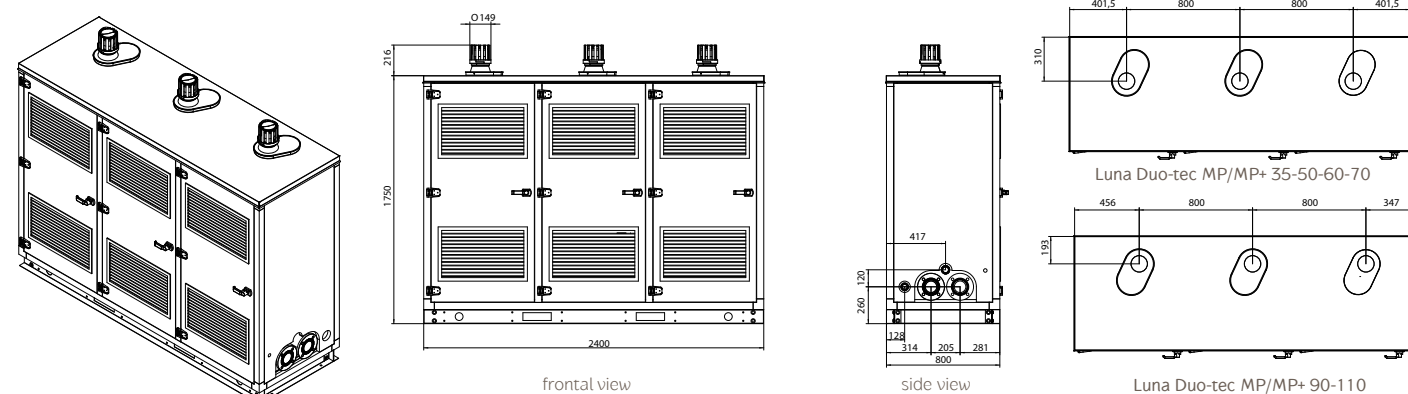
Dimensions (mm)			
Modules	W	H	D
1 door	803	1750	800

Modular heating system for Luna Duo-tec MP/MP+ (GMC+) - 2 doors



Dimensions (mm)			
Modules	W	H	D
2 doors	1600	1750	800

Modular heating system for Luna Duo-tec MP/MP+ (GMC+) - 3 doors

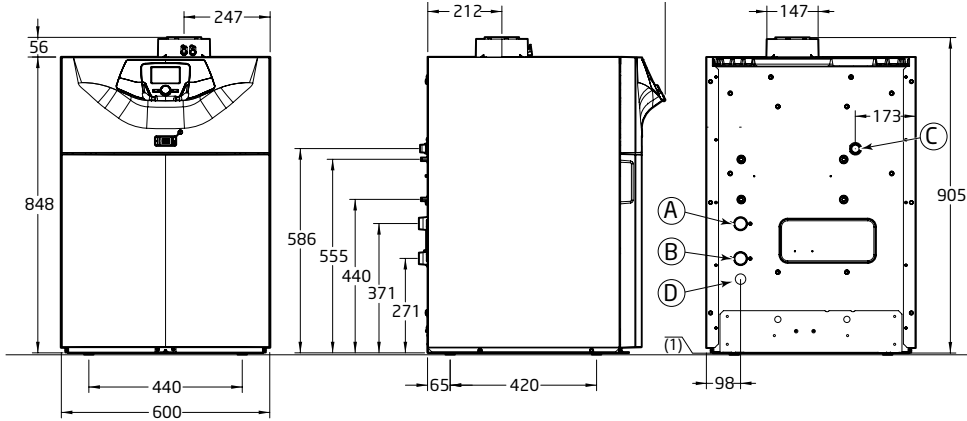


Dimensions (mm)			
Modules	W	H	D
3 doors	2400	1750	800



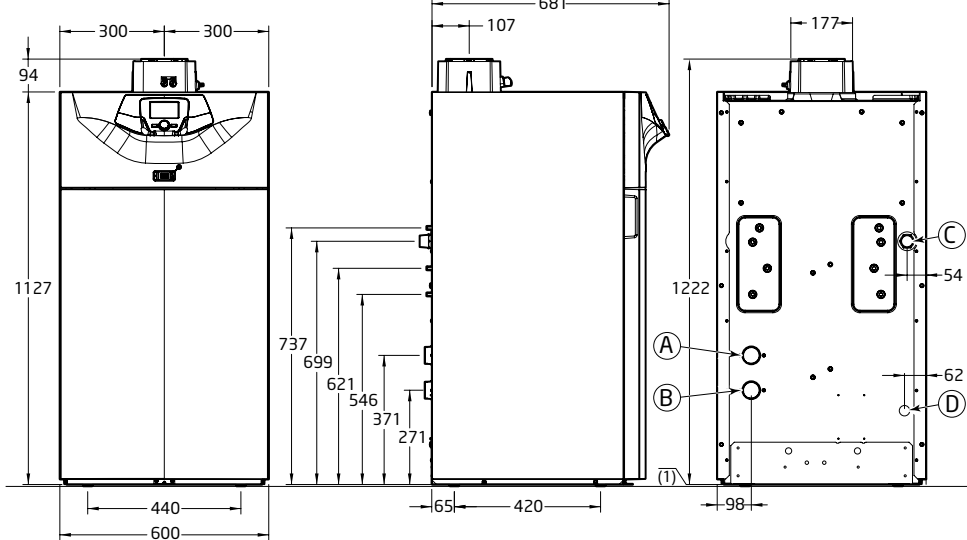
## High output condensing systems

Power HT+ 1.50 - 1.70



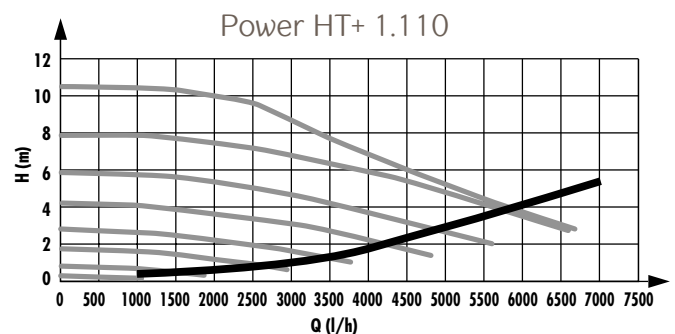
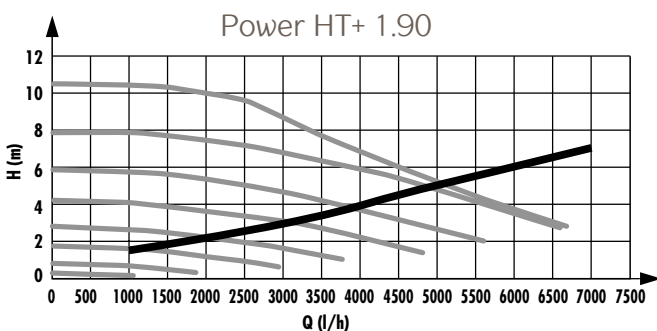
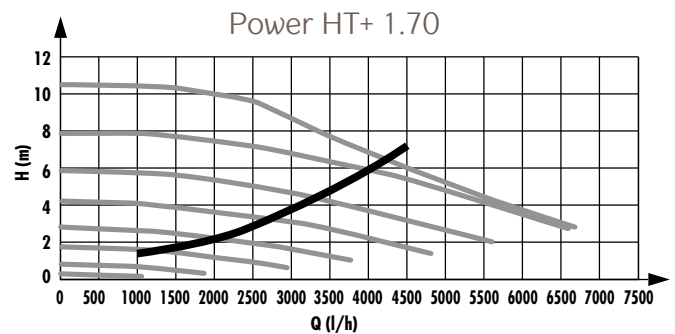
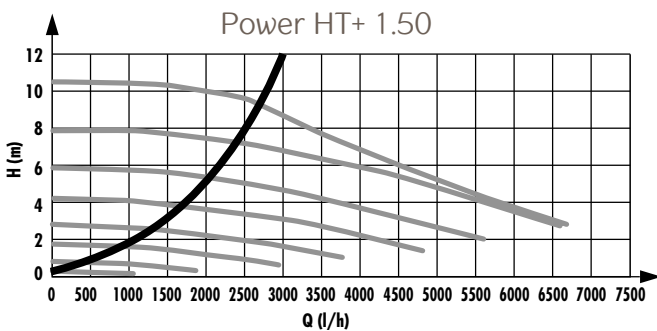
- A Heating system return (G1")
- B Heating system flow (G1")
- C Gas inlet (G3/4")
- D Condensing trap (DN18)
- (1) Adjustable fixing points

Power HT+ 1.90 - 1.110



- A Heating system return (G1-1/2")
- B Heating system flow (G1-1/2")
- C Gas inlet (G1")
- D Condensing trap (DN18)
- (1) Adjustable fixing points

## Hydraulic exchanger losses and pump head curve



**—** Hydraulic exchanger losses

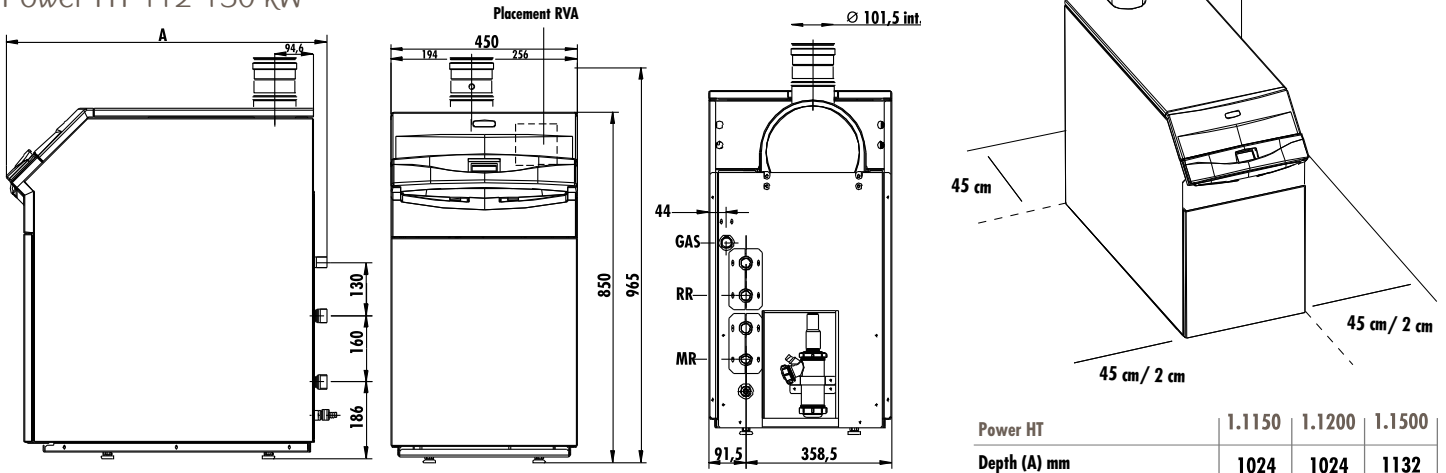
**—** Pump head (in the hydraulic accessory)





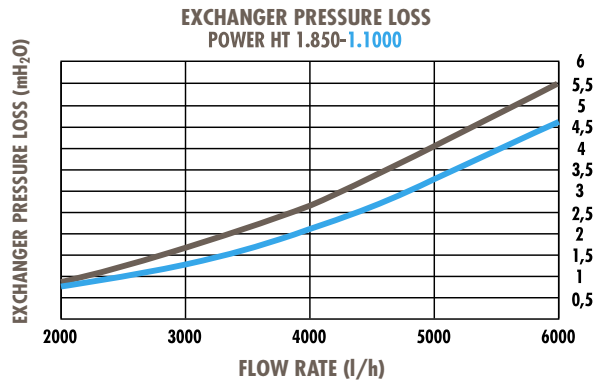
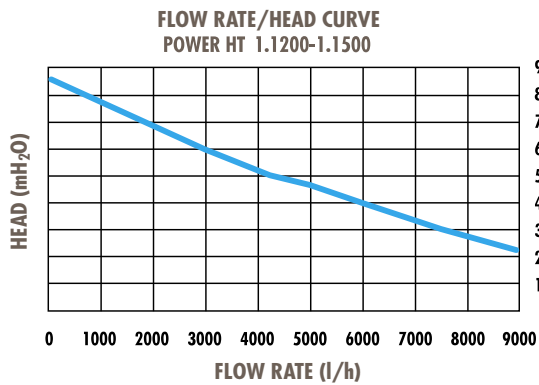
# High output condensing system

Power HT 112-150 kW

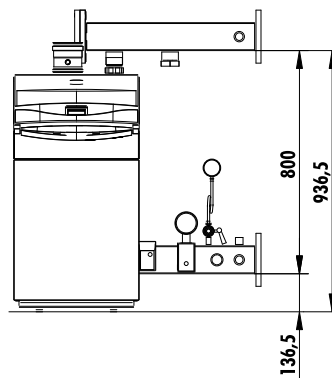
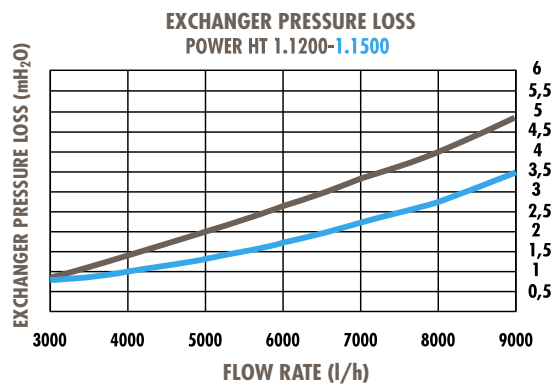
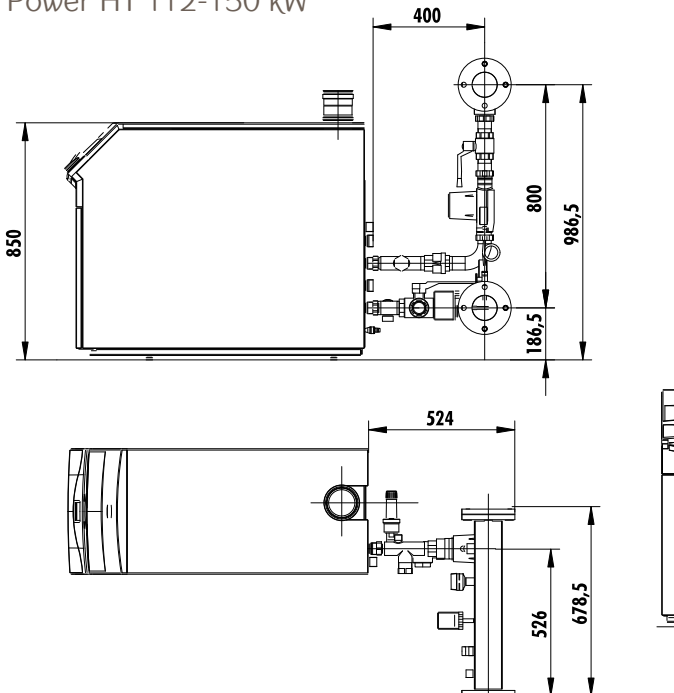


## Power HT

To allow an easy access for the boiler maintenance, the minimum recommended distance must be observed

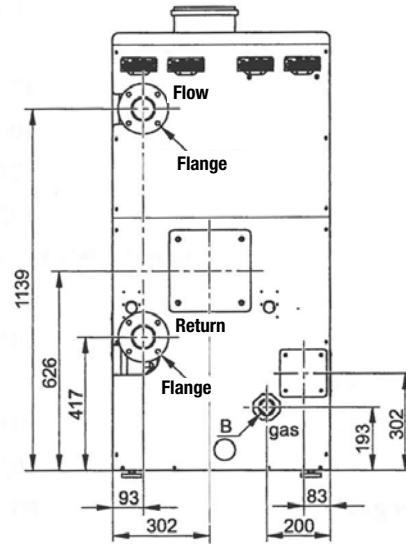
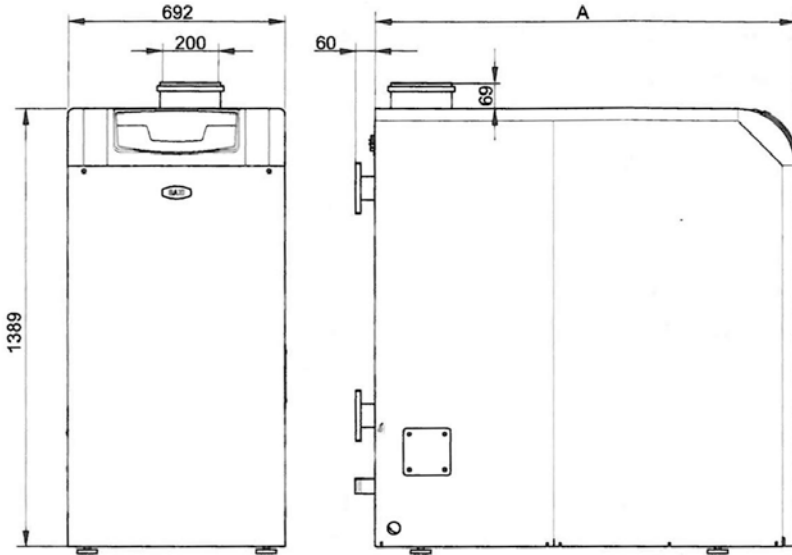


Power HT 112-150 kW

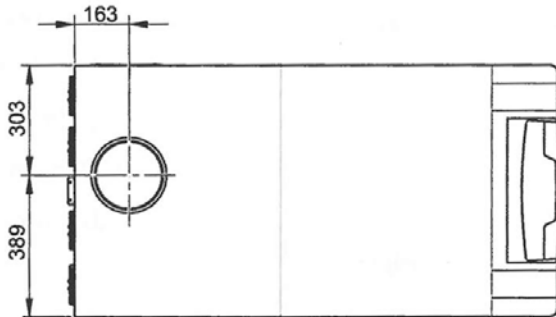


## High output condensing system

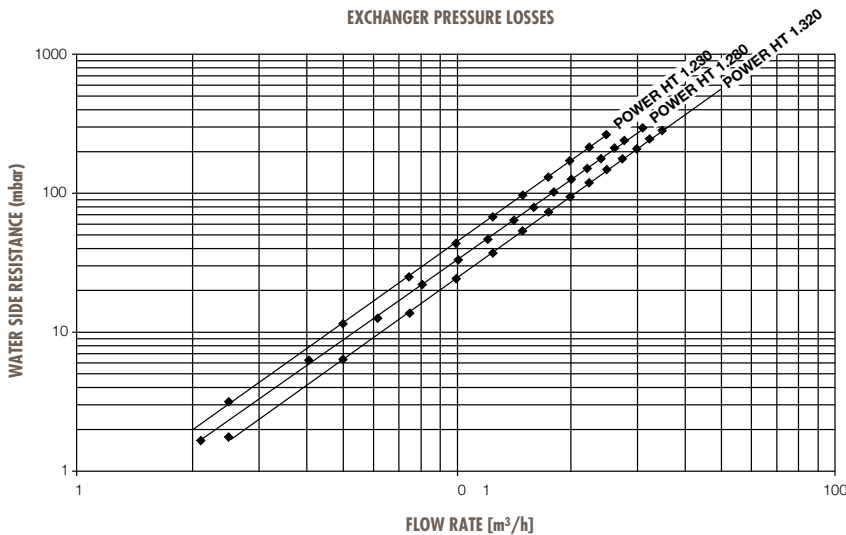
Power HT 230-320 kW



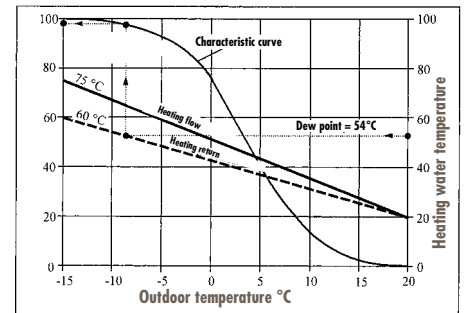
Power HT	1.230	1.280	1.320
Depth (A) mm	1.171	1.264	1.357



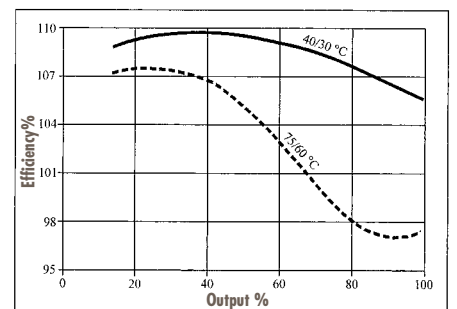
EXCHANGER PRESSURE LOSSES



HEAT PRODUCTION ACCORDING TO THE OUTDOOR TEMPERATURE



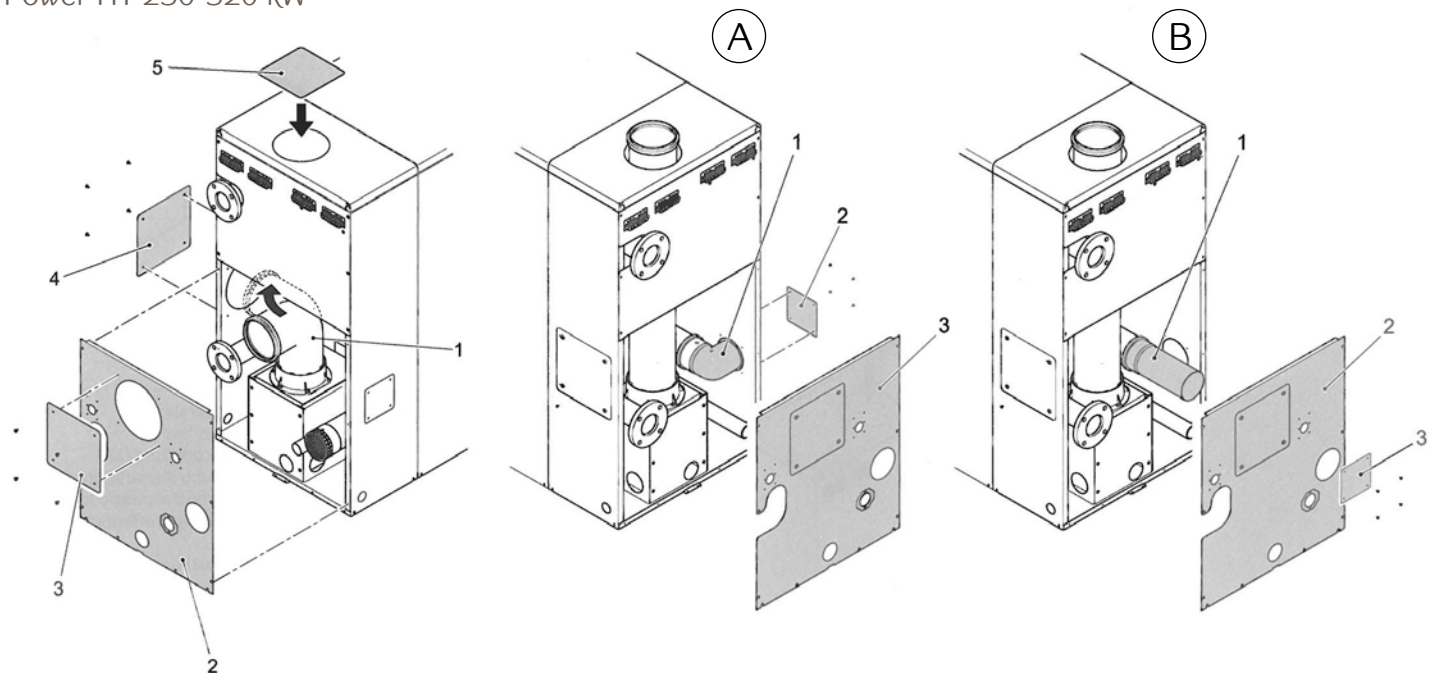
EFFICIENCY OF THE BOILER ACCORDING TO THE OUTPUT





# High output condensing system

Power HT 230-320 kW



- 1 Remove lower rear wall (2) of the Power HT
- 2 Remove the gas connection leading upward and insert a 87° bend (1)
- 3 Turn 87° bend (1) in the desired position (side or towards the rear)
- 4 Remove either the rear cover plate (3) or the side cover plate (4)
- 5 Mount lower rear wall (2)

#### Side supply air connection (A)

- 1 Remove lower rear wall (3)
- 2 Remove the covering panel (2)
- 3 Mount the bend of the intake pipe (1)
- 4 Turn intake pipe elbow into the side position (1)
- 5 Mount lower rear wall (3)

#### Rear supply air connection (B)

- 1 Remove lower rear wall (2)
- 2 Take out cover plate (3)
- 3 Mount straight intake pipe (1)
- 4 Mount lower rear wall (2)

Max lengths for the flue pipes with room air dependent working (type B installation)

Model		Power HT 1.230	Power HT 1.280	Power HT 1.320
Flue pipe - $\varnothing$	mm	200	200	200
Max L. pipe inc. 87° bend	mm	60	60	60

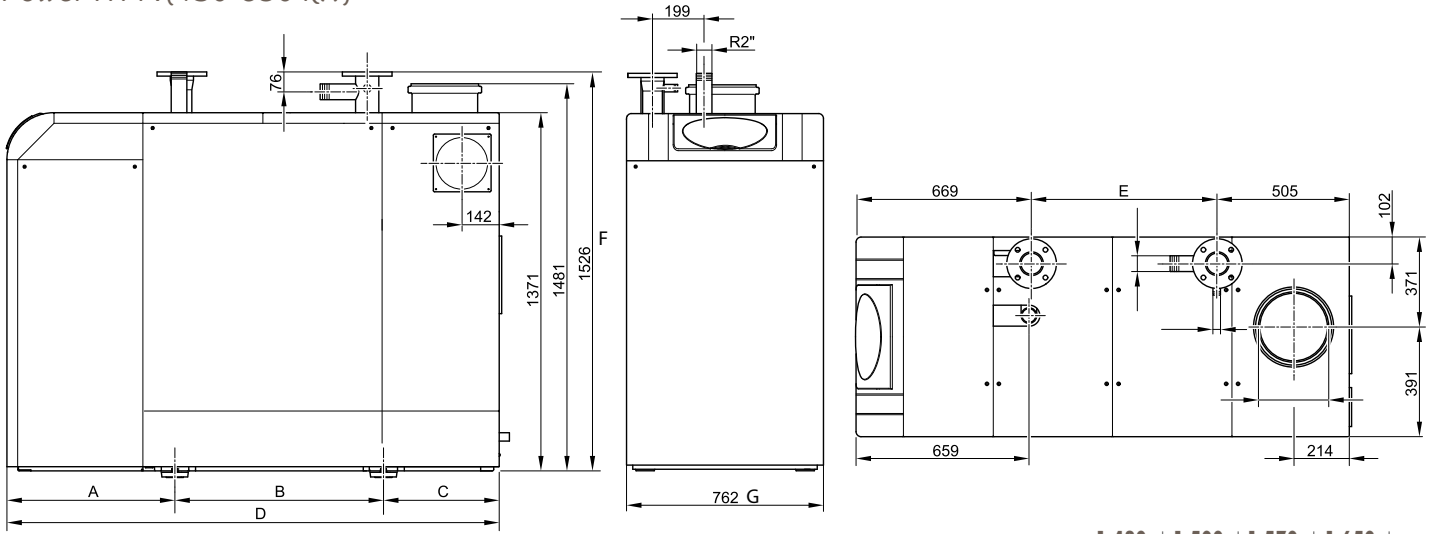
These lengths are only for single boilers

Decrease of the total lengths of the flue pipes:

- 1 piece 87° bend: 5 m
- 1 piece 45° bend: 2 m
- 1 piece 15° bend: 1 m

## Flue system

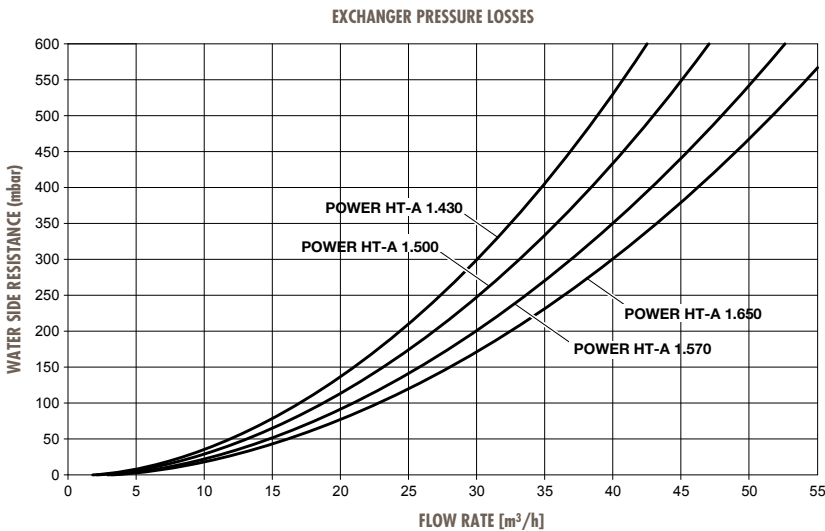
Power HT-A (430-650 kW)



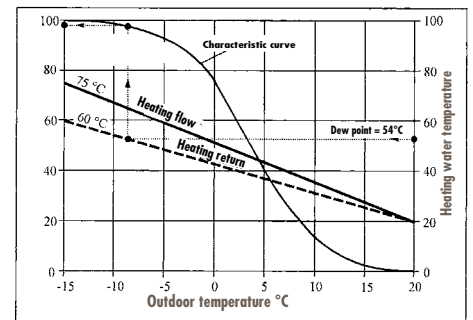
Power HT-A	1.430	1.500	1.570	1.650
Depth (D) mm	1.882	2.192	2.192	2.192

Power HT-A (dimensions)		1.430	1.500	1.570	1.650
A	mm	642	642	642	642
B	mm	798	1009	1009	1009
C	mm	442	540	540	540
D	mm	1882	2192	2192	2192
E	mm	709	1018	1018	1018
F	mm	1526*	1526*	1526*	1526*
G	mm	762	762	762	762

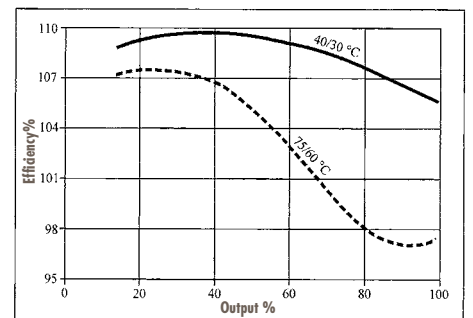
\* flue ducts and hydraulic pipes included



HEAT PRODUCTION ACCORDING TO THE OUTDOOR TEMPERATURE



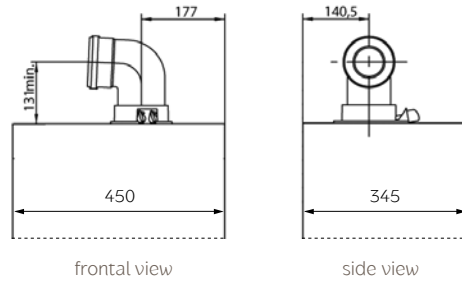
EFFICIENCY OF THE BOILER ACCORDING TO THE OUTPUT



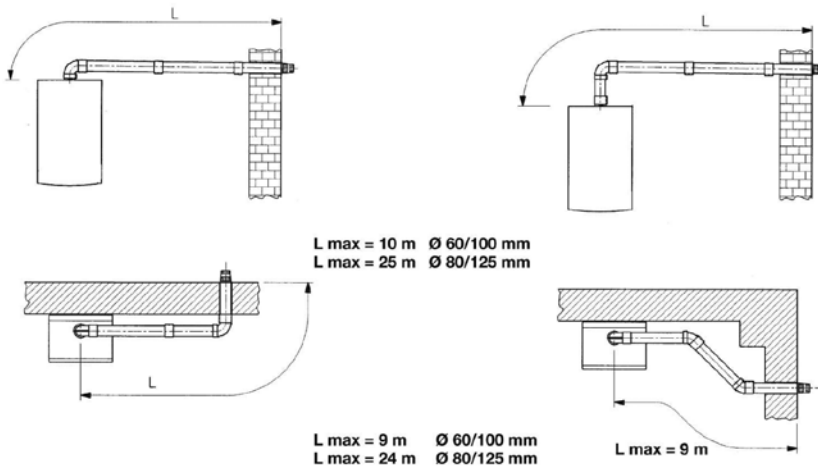


# Coaxial flue system

Luna Platinum



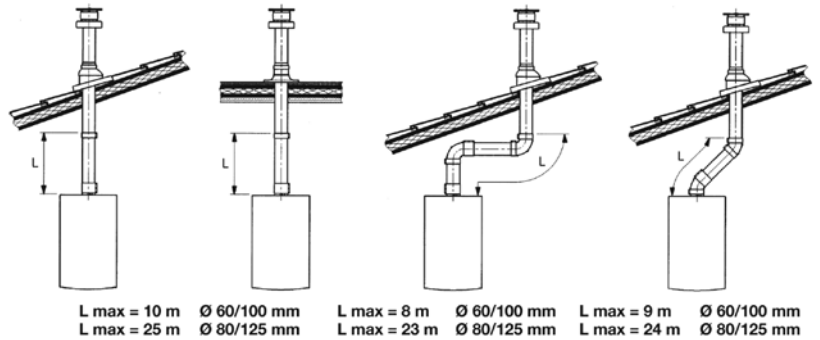
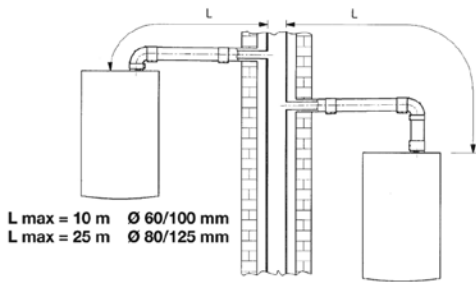
Example of installation with horizontal flue system  $\varnothing 60/100$  and  $\varnothing 80/125$



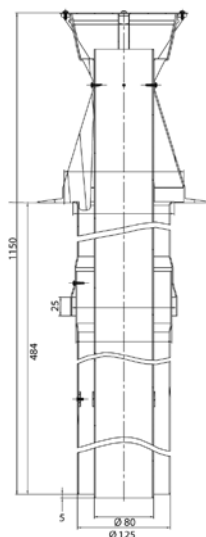
Tubes maximum length (m)		Length reduction for a 90° bend insertion (m)	Length reduction for a 45° bend insertion (m)
$\varnothing 60/100$	$\varnothing 80/125$		
10	25	1	0,5

Installation examples with LAS chimney  $\varnothing 60/100$  and  $\varnothing 80/125$

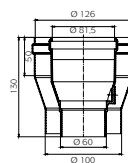
Installation example with vertical coaxial flue ducts  $\varnothing 60/100$  and  $\varnothing 80/125$



Vertical chimney terminal for coaxial flue system



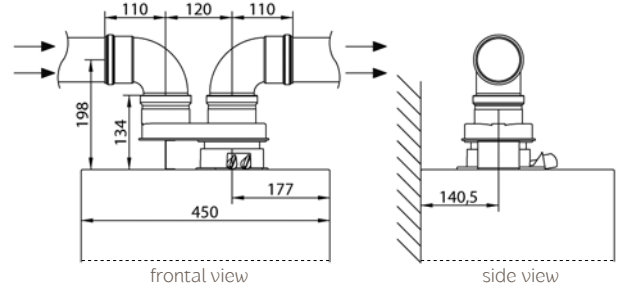
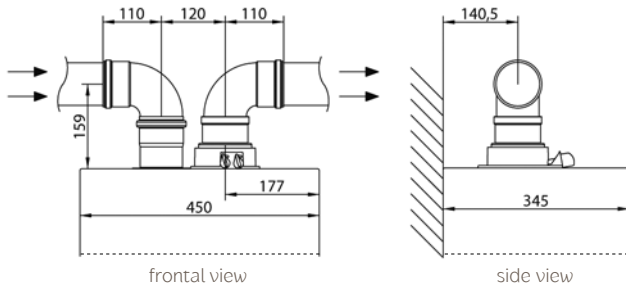
KHG 71409351  
Vertical chimney terminal for coaxial flue system  $\varnothing 60/100$



KHG 71409391  
Reduction from  $\varnothing 80/125$  to  $\varnothing 60/100$

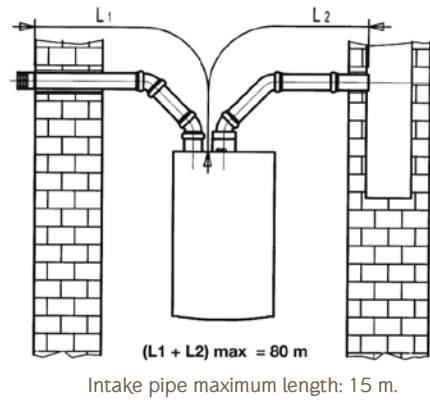
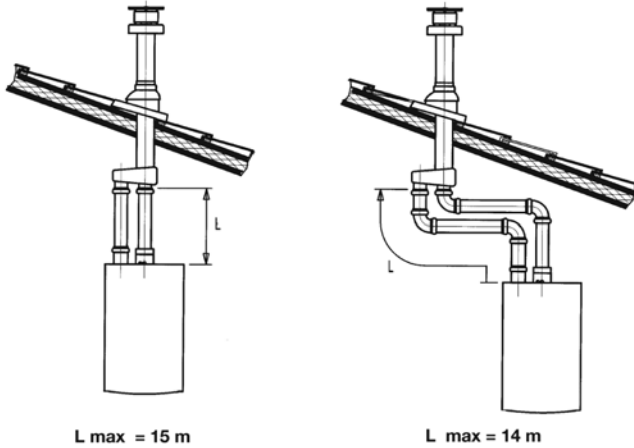
## Dual flue system

Luna Platinum

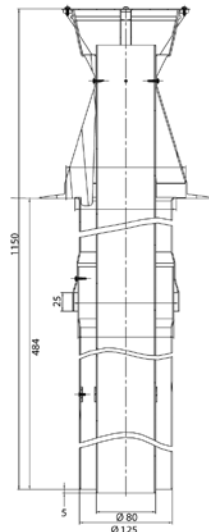


Example of installation with vertical dual flue system

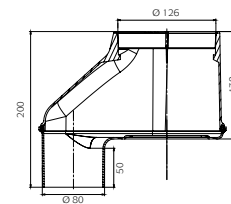
Installation example with horizontal dual flue ducts



Vertical chimney terminal for dual flue system



KHG 71409351  
Vertical chimney terminal  
Ø 80/125



KHG 71409381  
Dual flue pipes adapter  
for coaxial chimney  
(Ø 80/80 to Ø 80/125)



# Flue system - Coaxial flue system

## Luna Duo-tec MP/MP+ 1.90 - 1.110

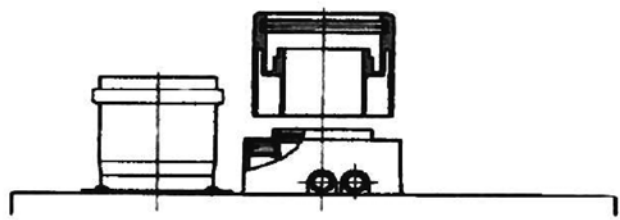
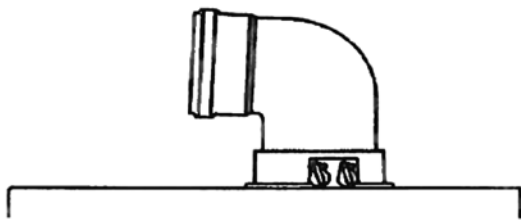
Type of duct	Tubes maximum length (m)	Length reduction for a 90° bend insertion (m)	Length reduction for a 45° bend insertion (m)	Ø chimney terminal (mm)	Ø external duct
Coaxial Ø 110/160 mm	10 m	1 m	0,5 m	163 mm	160 mm
Vertical dual flue system Ø 110 + 110 *	15 m	0,5 m	0,25 m	163 mm	110 mm
Horizontal dual flue system Ø 110 + 110 *	27 m	0,5 m	0,25 m	163 mm	110 mm

\* intake pipe maximum length: 7 m.

## Luna Duo-tec MP/MP+ 1.50 - 1.60 - 1.70

Type of duct	Tubes maximum length (m)	Length reduction for a 90° bend insertion (m)	Length reduction for a 45° bend insertion (m)	Ø chimney terminal (mm)	Ø external duct
Coaxial Ø 80 / 125	10 m	1 m	0,5 m	133 mm	125 mm
Vertical dual flue system Ø 80 + 80 *	15 m	0,5 m	0,25 m	133 mm	80 mm
Horizontal dual flue system Ø 80 + 80 *	DUO-TEC MP/MP+ 1.50 - 1.60 = 60 m DUO-TEC MP/MP+ 1.70 = 30 m	0,5 m	0,25 m	133 mm	80 mm

\* intake pipe maximum length: 15 m



### COAXIAL FLUE SYSTEM

Luna Duo-tec MP/MP+ 1.50 - 1.60 - 1.70 = Ø 80/125 mm

Luna Duo-tec MP/MP+ 1.90 - 1.110 = Ø 110/160 mm

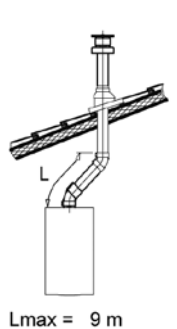
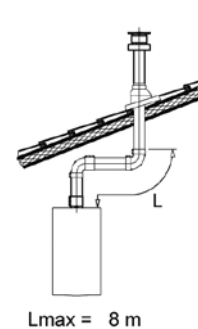
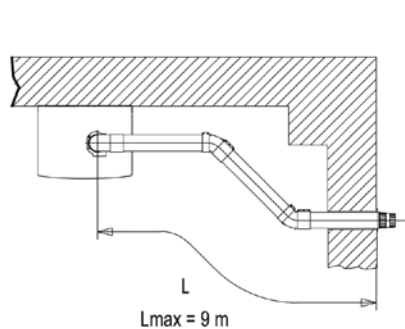
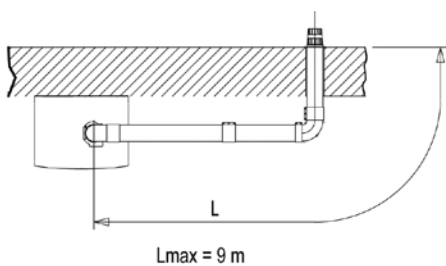
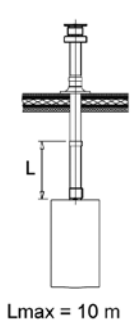
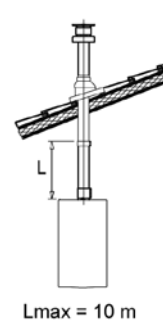
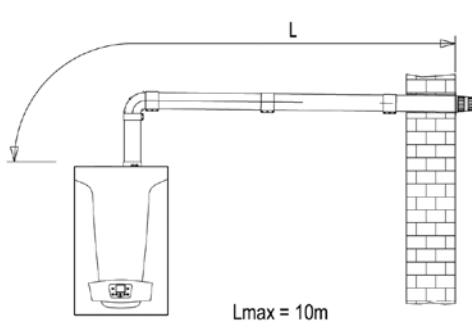
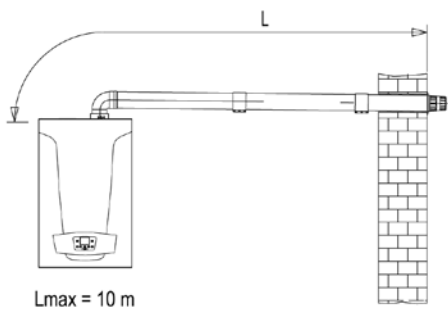
### DUAL FLUE SYSTEM

Luna Duo-tec MP/MP+ 1.50 - 1.60 - 1.70 = Ø 80+80 mm

Luna Duo-tec MP/MP+ 1.90 - 1.110 = Ø 110+110 mm

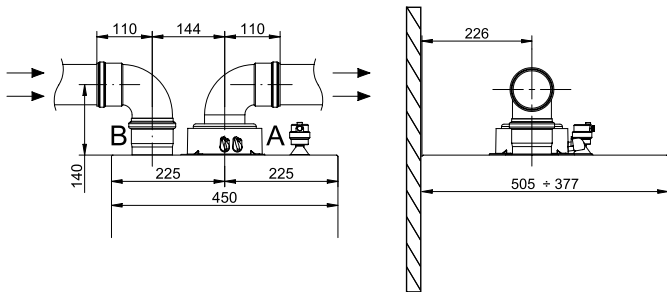
### Luna Duo-tec MP/MP+ - Coaxial flue system

Installation example with coaxial flue ducts Ø 80/125 (mod. 1.50 - 1.60 - 1.70) and Ø 110/160 (mod. 1.90 - 1.110)

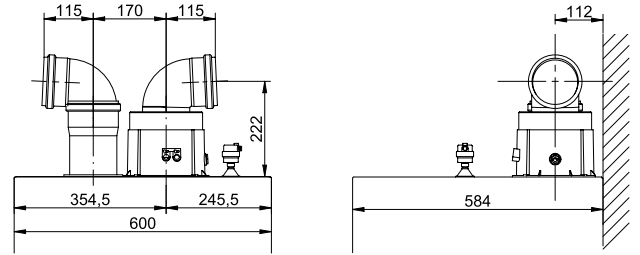


## Dual flue system

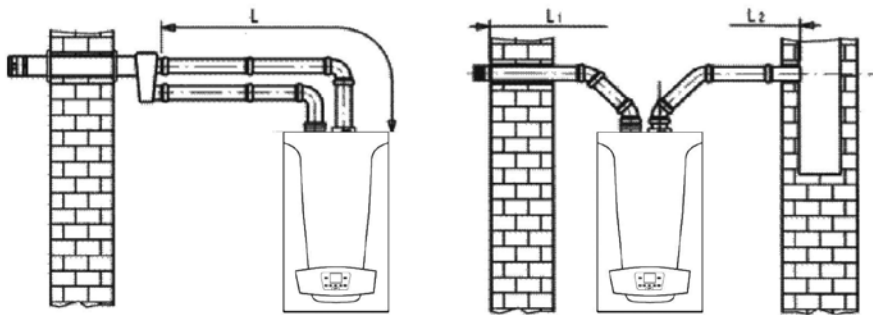
Luna Duo-tec MP/MP+ 1.50 - 1.70



Luna Duo-tec MP/MP+ 1.90 - 1.110



Installation example with horizontal dual flue ducts

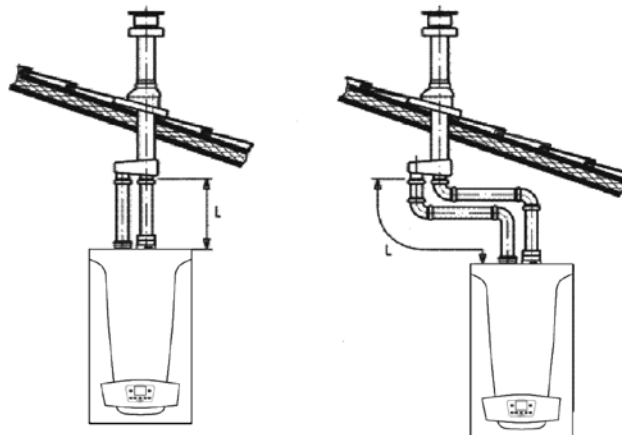


L max=15 m

(L1 + L2) max = 60 m

Intake pipe maximum length: 15 m

Example of installation with vertical dual flue system



L max=15 m

L max=14 m





# Flue system

If the flue pipes are not supplied by BAXI SPA, make sure that they are certified and suitable.  
The maximum hydraulic exchanger losses must be the following:

	$\Delta P$ (Pa)
POWER HT+ 1.50	200
POWER HT+ 1.70	
POWER HT+ 1.90	
POWER HT+ 1.110	

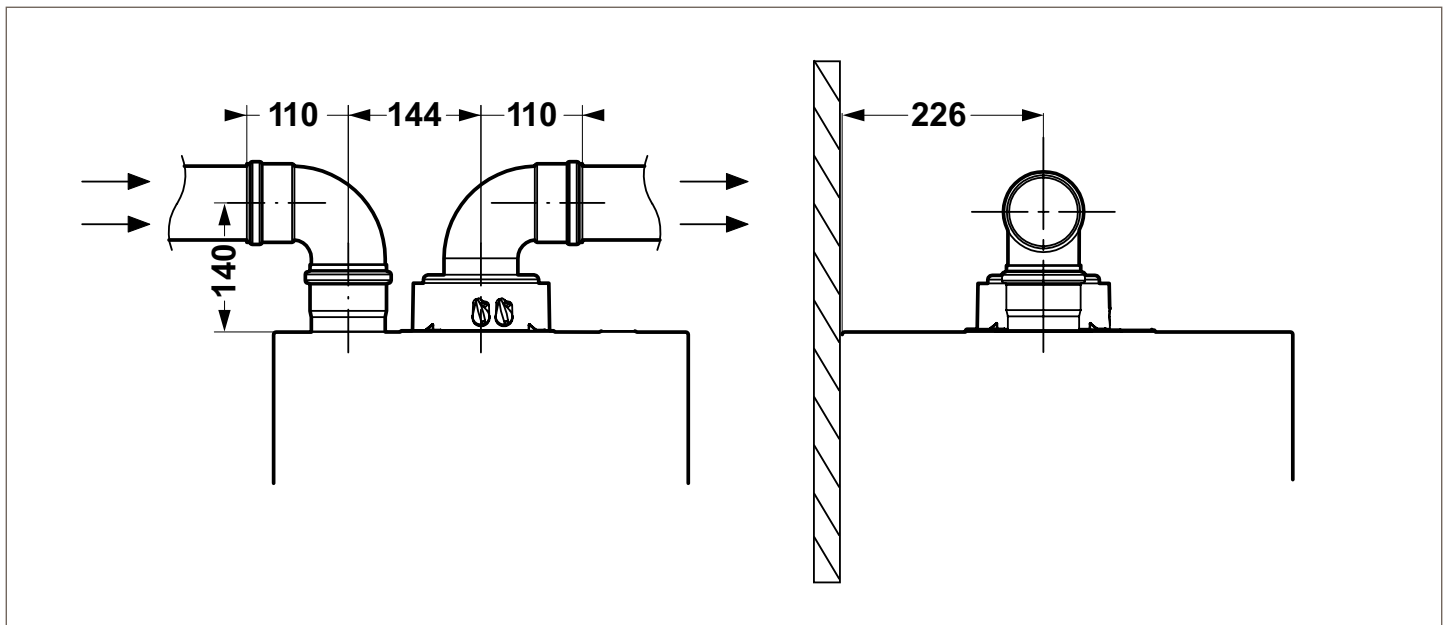
$\Delta P$  (in Pa) for installation B23

	$\Delta P$ (Pa)
POWER HT+ 1.50	270
POWER HT+ 1.70	270
POWER HT+ 1.90	320
POWER HT+ 1.110	370

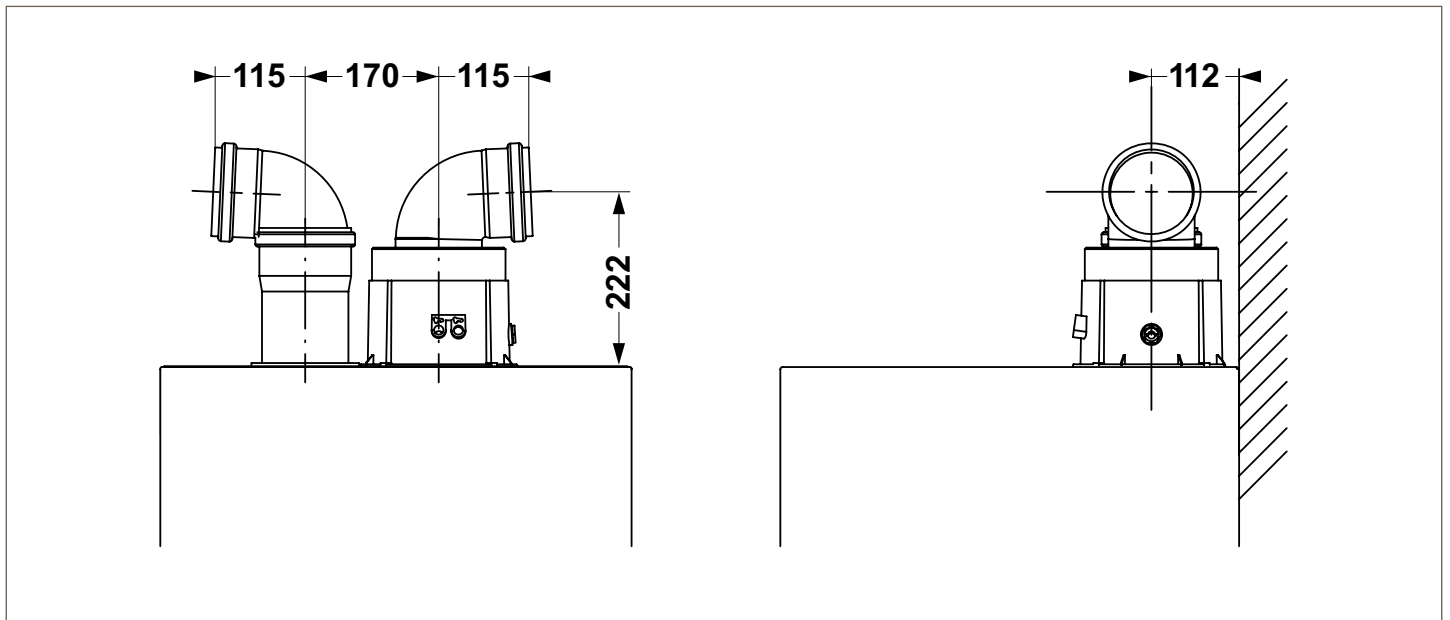
$\Delta P$  (in Pa) for installation C63

# Dual flue system

Power HT+ 1.50-1.70

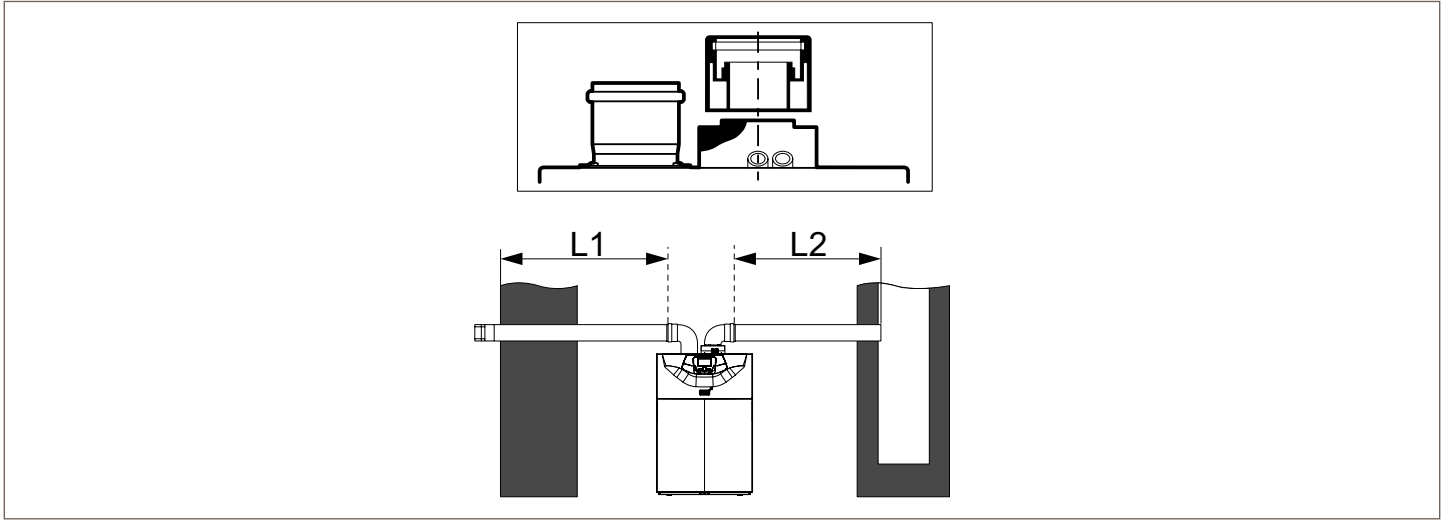


Power HT + 1.90-1.110



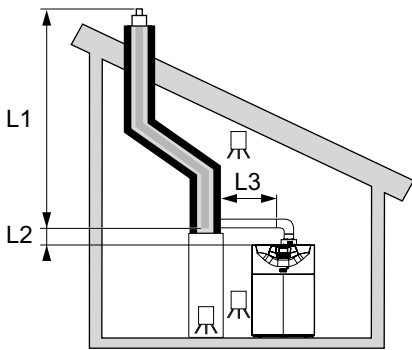
## Dual Flue system

Power HT+

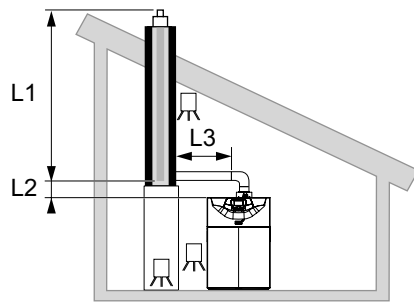


Unit	POWER HT+ 1.50	POWER HT+ 1.70	POWER HT+ 1.90	POWER HT+ 1.110
mm	Ø 80	Ø 80	Ø 110	Ø 110
m	L1 + L2 < 60 m L1 < 15 m	L1 + L2 < 27 m L1 < 15 m L2 < 20 m	L1 + L2 < 27 m L1 < 7 m	L1 + L2 < 27 m L1 < 7 m

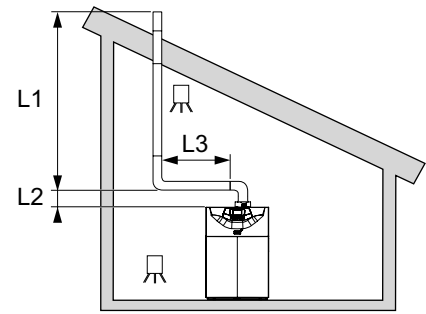
## Installation with flexible pipe B23p



Flexible pipes system B23p



Fixed pipes system B23p



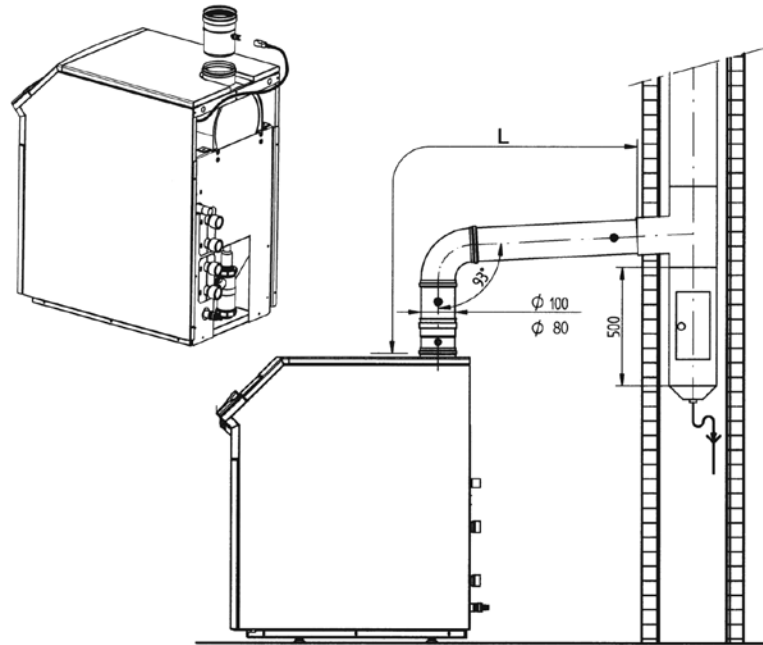
Pipes system through roof B23p

Disposition	Configuration	Unit	POWER HT+ 1.50		POWER HT+ 1.70		POWER HT+ 1.90		POWER HT+ 1.110		
			Ø 80	Ø 110	Ø 80	Ø 110	Ø 110	Ø 125	Ø 110	Ø 125	Ø 160
L3 < 2 m + 2 elbows	(L1 + L2) fixed	m	20	56	8	56	20	56	56	56	-
L3 < 2 m + 2 elbows	(L1 + L2) flexible	m	15	56	6	38	-	21	15	-	-
L3 < 5m + 2 elbows	(L1 + L2) fixed	m	-	56	-	56	24	56	-	43	56
L3 < 5m + 2 elbows	(L1 + L2) flexible	m	-	56	-	38	13	-	-	-	-
Head loss value of the boiler fan		Pa	200		200		200		200		



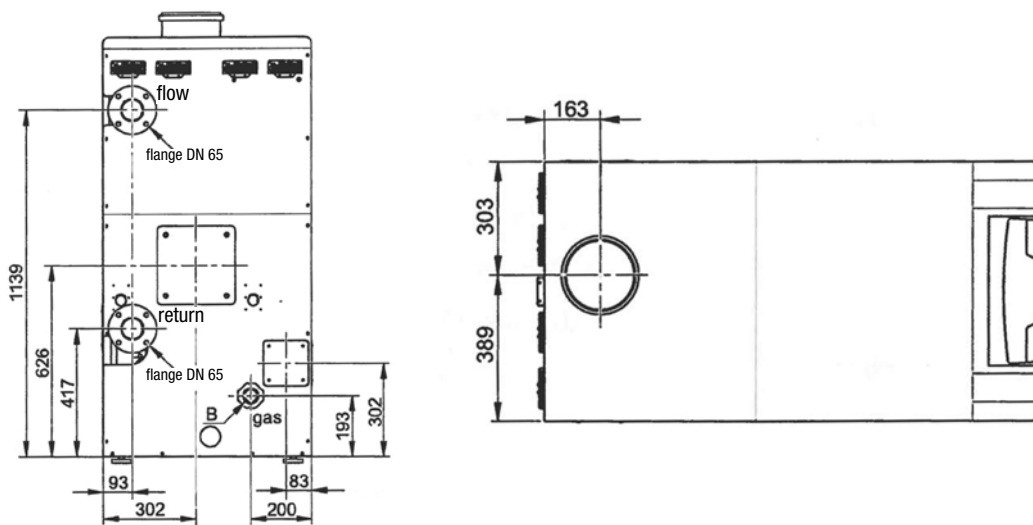
# Flue system

Power HT (112-150 kW) – Flue pipe



Model	Tubes maximum length (m)	Length reduction for a 90° bend insertion (m)	Length reduction for a 45° bend insertion (m)
HT 1.1150	20	1	0,5
HT 1.1200	20	1	0,5
HT 1.1500	20	1	0,5

Power HT (230-320 kW) – Flue/Intake pipes



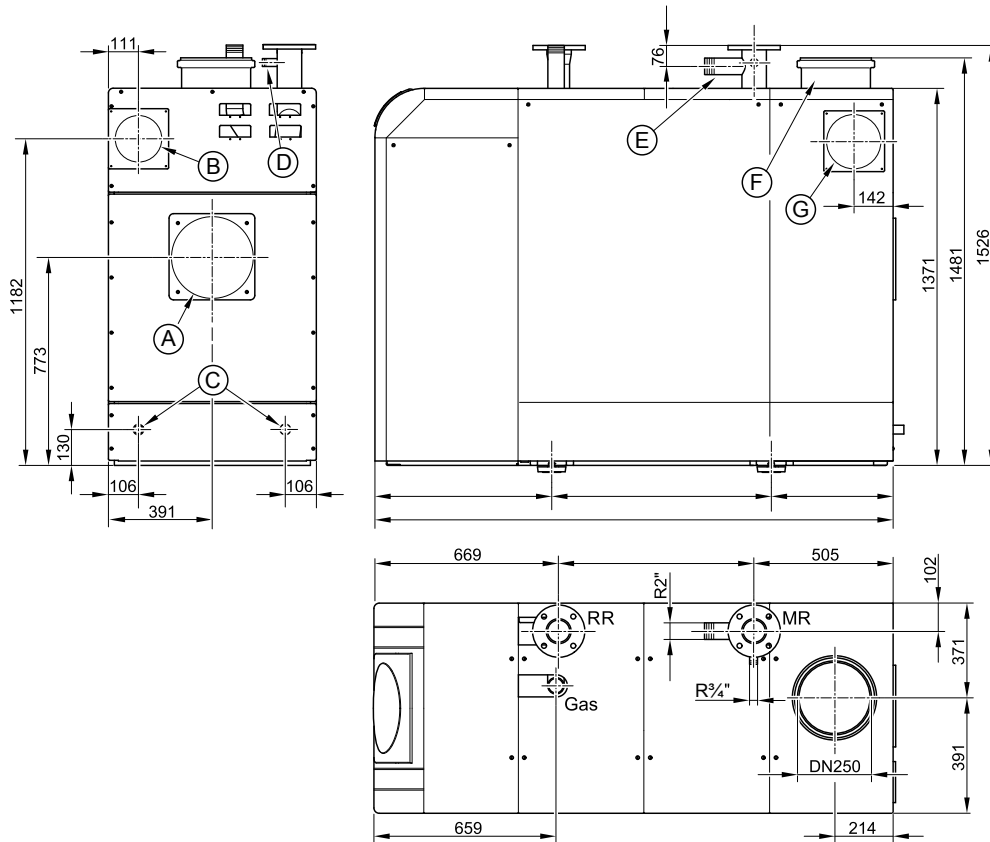
		Power HT 1.230	Power HT 1.280	Power HT 1.320
∅ flue pipe	mm	200	200	200
Tube maximum length including 1 87° bend (m)	mm	60	60	60

These lengths are only for single boilers

Decrease of the total lengths of the flue pipes: 1 piece 87° bend: 5 m - 1 piece 45° bend: 2 m - 1 piece 15° bend: 1 m

## Flue system

Power HT-A 430-650 kW - Flue / Intake pipes



Power HT-A	1.430	1.500	1.570	1.650
MR Heating flow			Flange DN 80 PN 6	
RR Heating return			Flange DN 80 PN 6	
Gas Gas outlet			R2" external threaded	
(A) Rear flue outlet (optional)			DN 250	
(B) Provided rear supply air connection			nom. diam. 160	
(C) Condensated water connection (right or left)			DN 32	
(D) Safety hydraulic group connection			R $\frac{3}{4}$ " external threaded	
(E) Safety valve connection			R2" external threaded	
(F) Provided top flue connection			DN 250	
(G) Side supply air inlet (optional)			nom. diam. 160	

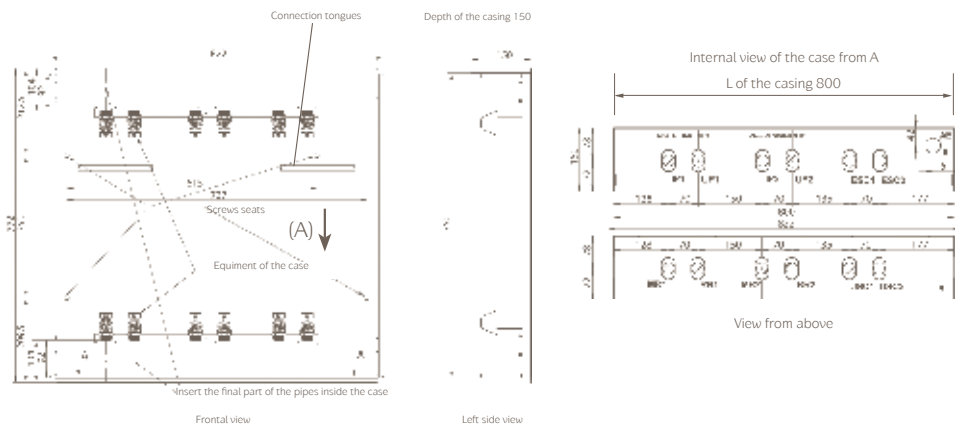
		Power HT-A 1.430	Power HT-A 1.500	Power HT-A 1.570	Power HT-A 1.650
Ø flue pipe	mm	250	250	250	250
Tube maximum length including 1 87° bend (m)	mm	50	50	50	50

These lengths are only for single boilers

Decrease of the total lengths of the flue pipes: 1 piece 87° bend: 5 m - 1 piece 45° bend: 2 m - 1 piece 15° bend: 1 m



## Models: Luna Sat RZ2H-MB



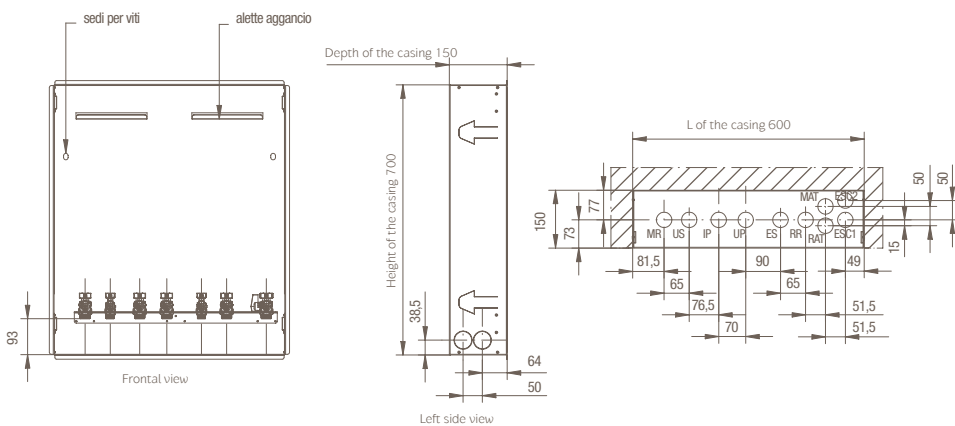
**CENTRALIZED SYSTEM CONNECTIONS**  
 IP1: heating inlet from the centralized system G 3/4" M  
 UP1: heating outlet from the centralized system G 3/4" M  
 IP2: cooling inlet from the centralized system G 3/4" M  
 UP2: cooling outlet from the centralized system G 3/4" M

**HEATING-COOLING APARTMENT CONNECTIONS**  
 MR1: heating apartment flow G 3/4" M  
 RR1: heating apartment return G 3/4" M  
 MR2: cooling apartment flow G 3/4" M  
 RR2: cooling apartment return G 3/4" M

**DHW CONSUMPTION METER CONNECTIONS**  
 ESC1: cold water inlet to first heat meter G 3/4" M  
 USC1: water outlet from first heat meter G 3/4" M  
 ESC2: cold water inlet to second heat meter G 3/4" M  
 USC2: water outlet from second heat meter G 3/4" M

AE: hole for cables

## Models: Luna Sat RPBZ-MB, RPEZ-MB, RSPZ-MB

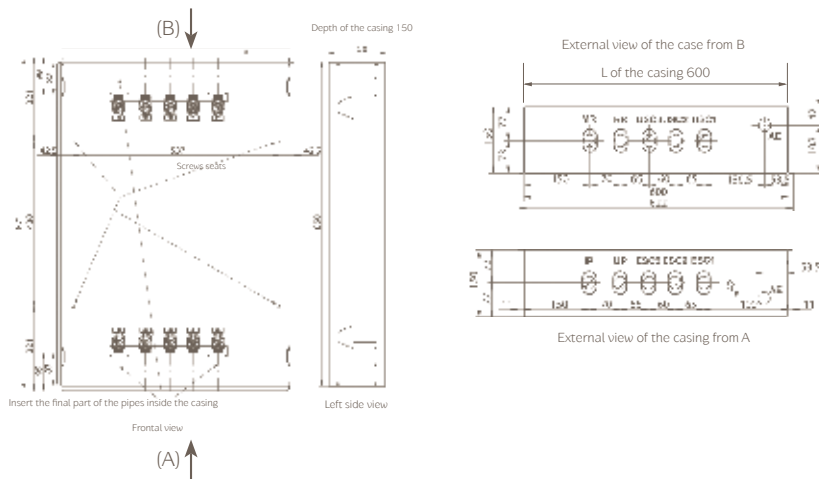


**CENTRALIZED SYSTEM CONNECTIONS**  
 IP: Primary inlet from centralized system G3/4" F  
 UP: Primary outlet to centralized system G3/4" F

**APARTMENT SIDE HEATING CONNECTIONS-MONOZONE MODELS**  
 MR: heating G3/4" F apartment flow  
 RR: heating G3/4" F apartment return

**DHW CONSUMPTION METER CONNECTIONS**  
 ESC1: cold water inlet to first heat meter G3/4" F  
 ESC2: cold water inlet to second heat meter G3/4" F  
 ES: water outlet from first heat meter G3/4" F  
 US: water outlet from second heat meter G3/4" F

## Models: Luna Sat RPEZ-MB

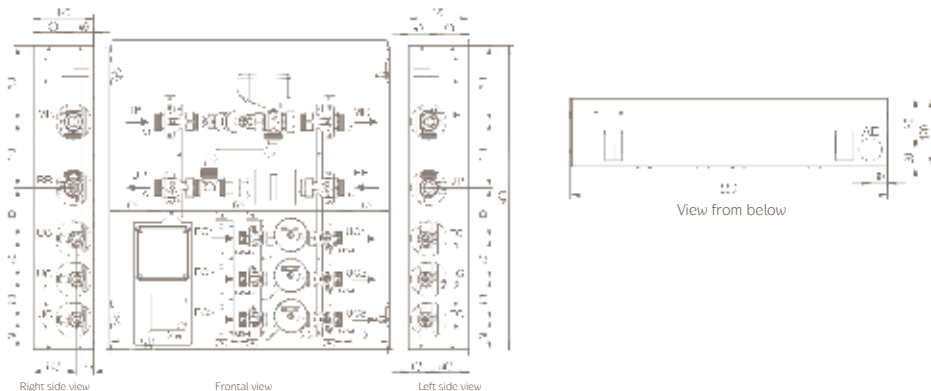


**CENTRALIZED SYSTEM CONNECTIONS**  
 IP: Primary inlet from centralized system G3/4" M  
 UP: Primary outlet to centralized system G3/4" M

**APARTMENT SIDE HEATING CONNECTIONS-MONOZONE MODELS**  
 MR: heating G3/4" F apartment flow  
 RR: heating G3/4" F apartment return

**APARTMENT DHW CONNECTIONS**  
 ESCX: heat meter inlet  
 USCX: heat meter outlet

## Models: Luna Sat RCZ G1-MB



**CENTRALIZED SYSTEM CONNECTIONS**  
 IP: Primary inlet from centralized system G3/4" M  
 UP: Primary outlet to centralized system G3/4" M

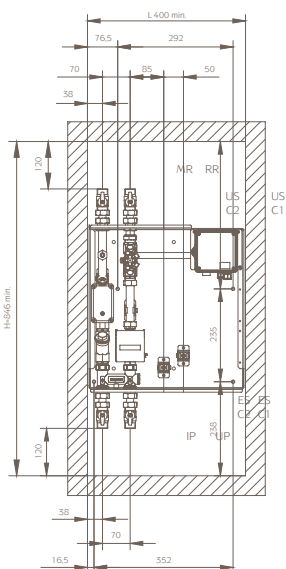
**APARTMENT SIDE HEATING CONNECTIONS-MONOZONE MODELS**  
 MR: heating G 3/4" M apartment flow  
 RR: heating G 3/4" M apartment return

**DHW CONSUMPTION METER CONNECTIONS**  
 ESC1: cold water inlet to first heat meter G 3/4" M  
 ESC2: cold water inlet to second heat meter G 3/4" M  
 ESC3: cold water inlet to third heat meter G 3/4" M

USC1: water outlet from first heat meter G 3/4" M  
 USC2: water outlet from second heat meter G 3/4" M  
 USC3: water outlet from third heat meter G 3/4" M



## Model: Luna Sat RZH1-MB without casing



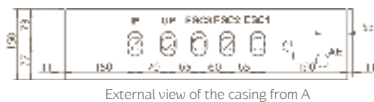
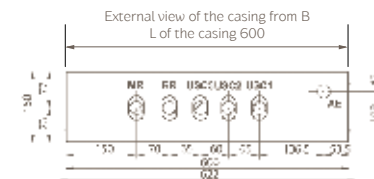
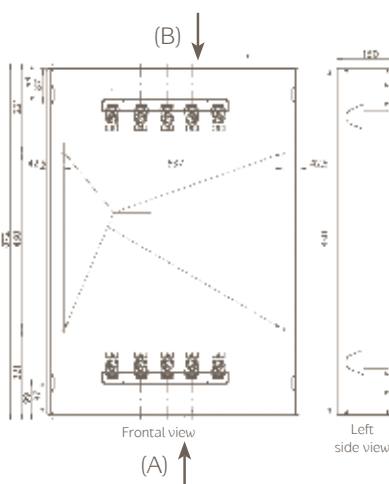
**CENTRALIZED SYSTEM CONNECTIONS**  
 IP: Primary inlet from centralized system G3/4" M  
 UP: Primary outlet to centralized system G3/4" M

**APARTMENT SIDE HEATING CONNECTIONS-MONOZONE MODELS**  
 MR: heating G3/4" M apartment flow  
 RR: heating G3/4" M apartment return

**DHW CONSUMPTION METER CONNECTIONS**  
 ESC1: cold water inlet to first heat meter G3/4" M  
 ESC2: cold water inlet to second heat meter G3/4" M

USC1: water outlet from first heat meter G3/4" M  
 USC2: water outlet from second heat meter G3/4" M

## Model: Luna Sat RPZH-MB

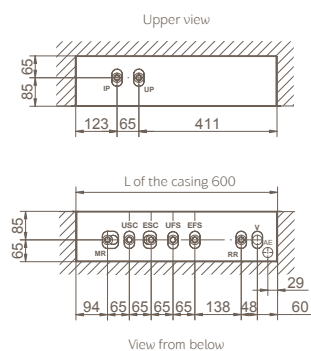
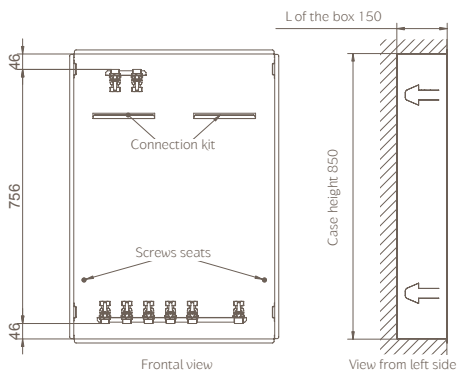


**CENTRALIZED SYSTEM CONNECTIONS**  
 IP: Primary inlet from centralized system G3/4" M  
 UP: Primary outlet to centralized system G3/4" M

**APARTMENT SIDE HEATING CONNECTIONS-MONOZONE MODELS**  
 MR: heating G3/4" M apartment flow  
 RR: heating G3/4" M apartment return

**DHW CONSUMPTION METER CONNECTIONS**  
 ESCX: heat meter inlet  
 USCX: heat meter outlet

## Model: Luna Sat RPZ-SP-MB



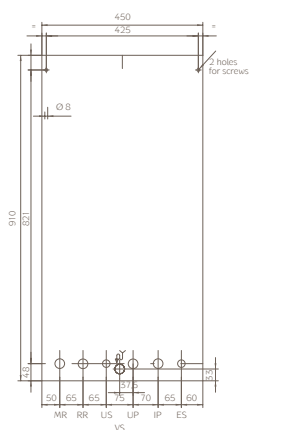
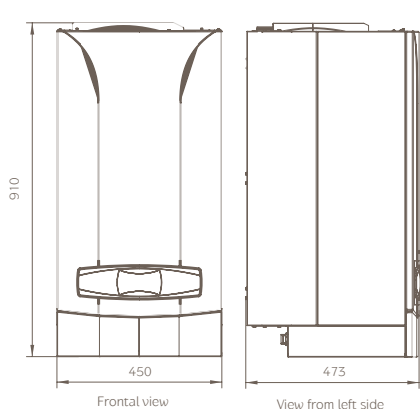
**CENTRALIZED SYSTEM CONNECTIONS**  
 IP: Primary inlet from centralized system G3/4" M  
 UP: Primary outlet to centralized system G3/4" M

**APARTMENT SIDE HEATING CONNECTIONS-MONOZONE MODELS**  
 MR: heating G3/4" M apartment flow  
 RR: heating G3/4" M apartment return

**APARTMENT DHW CONNECTIONS**  
 UFS: Cold water outlet G3/4" M  
 EFS: Cold water inlet G3/4" M  
 ESC: hot water inlet G3/4" M  
 USC: hot water outlet G3/4" M

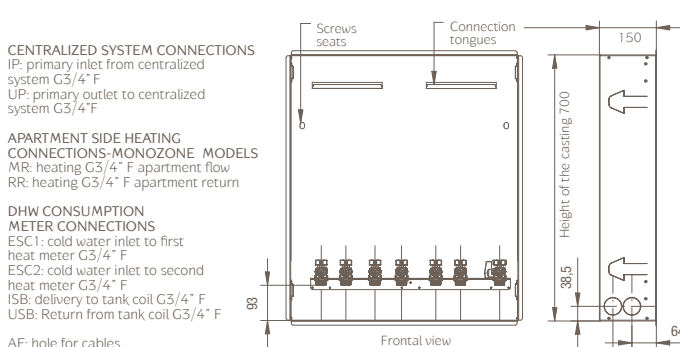
AE: hole for cables  
 V: safety valve discharge

## Model: Luna Sat RZ60WH-MB



ES: Cold water inlet G 1/2" M  
 US: DHW outlet G 1/2" M  
 IP: Primary inlet G3/4" M  
 UP: Primary outlet G3/4" M  
 MR: heating G3/4" M flow  
 RR: heating G3/4" M return  
 VS: safety valve discharge

## Model: Luna Sat RAZ-MB

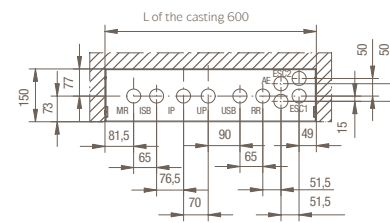


**CENTRALIZED SYSTEM CONNECTIONS**  
 IP: primary inlet from centralized system G3/4" F  
 UP: primary outlet to centralized system G3/4" F

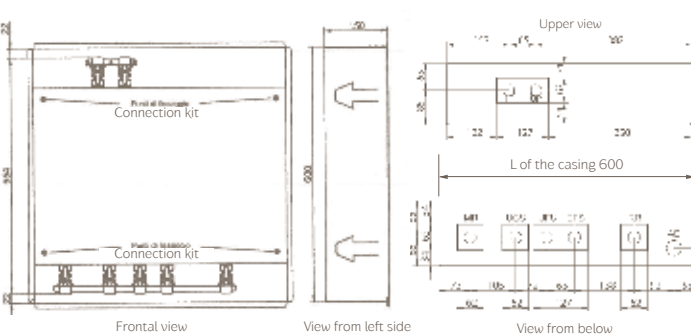
**APARTMENT SIDE HEATING CONNECTIONS-MONOZONE MODELS**  
 MR: heating G3/4" F apartment flow  
 RR: heating G3/4" F apartment return

**DHW CONSUMPTION METER CONNECTIONS**  
 ESC1: cold water inlet to first heat meter G3/4" F  
 ESC2: cold water inlet to second heat meter G3/4" F  
 ISB: delivery to tank coil G3/4" F  
 USB: Return from tank coil G3/4" F

AE: hole for cables



## Model: Luna Sat RSTZ-MB



**CENTRALIZED SYSTEM CONNECTIONS**  
 IP: Primary inlet from centralized system G3/4" M  
 UP: Primary outlet to centralized system G3/4" M

**APARTMENT SIDE HEATING CONNECTIONS-MONOZONE MODELS**  
 MR: heating G3/4" M apartment flow  
 RR: heating G3/4" M apartment return

**APARTMENT DHW CONNECTIONS**  
 UCS: DHW thermostatic outlet  
 UFS: Cold water outlet  
 EFS: Cold water inlet

AE: hole for cables

dimensions in mm

# Accessories for high output condensing systems






Flue Systems	
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## Flue pipe accessories



Coaxial flue system: Luna Platinum - Luna Duo-Tec MP/MP+ 35-70 kW




	Description	Code
	PP coaxial flue pipe with terminal Ø 80/125 L=1000 mm supplied with wind proof terminal and sealing collar	KHG 71408891
	PP coaxial flue pipe extension Ø 80/125 L=1000 mm	KHG 71408851
	PP coaxial flue pipe extension Ø 80/125 L=500 mm	KHG 71408861
	PP coaxial 90° bend - Ø 80/125	KHG 71408871
	PP coaxial 45° bend - Ø 80/125	KHG 71408881

Coaxial flue system: Luna Platinum

	Description	Code
	PP coaxial flue pipes with terminal Ø 60/100 L=750 mm supplied with windproof terminal and sealing collar	KHG 71405961
	PP coaxial flue pipe extension Ø 60/100 L=1000 mm	KHG 71405951
	PP coaxial flue pipe extension Ø 60/100 L=500 mm	KHG 71411981
	PP coaxial 90° bend - Ø 60/100	KHG 71405971
	PP coaxial 45° bend - Ø 60/100	KHG 71405981
	Internal sealing collar Ø 100	KHG 71401771
	PP vertical chimney terminal Ø 80/125 <sup>(1)</sup>	KHG 71409351
	PP reduction from Ø 80/125 to 60/100	KHG 71409391
	Flat roof tile to be used with a vertical chimney terminal Ø 80/125	KHG 71409361
	Pitched roof tile to be used with a vertical chimney terminal Ø 80/125; it is adjustable from 15° to 45°	KHG 71409371
	Pitched roof tile Ø 100	KHG 71403661

<sup>(1)</sup> +KHG 71409391









Coaxial flue system: Luna Duo-Tec MP/MP+ 35-70 kW - Power HT+ 50-70 kW

	Description	Code
	PP vertical chimney terminal Ø 80/125 (not for Power HT+)	KHG 71409351
	Flat roof tile to be used with a vertical chimney terminal Ø 80/125	KHG 71409361
	Pitched roof tile to be used with a vertical chimney terminal Ø 80/125; it is adjustable from 15° to 45°	KHG 71409371

## Flue pipe accessories



Coaxial flue system: Luna Duo-Tec MP/MP+ 90-110 kW - Power HT+ 90-110 kW

	Description	Code
	PP coaxial flue pipe extension Ø 110/160 L=1000 mm	KUG 71413381
	PP coaxial flue pipe extension Ø 110/160 L=500 mm	KUG 71413371
	PP coaxial 90° bend - Ø 110/160	KUG 71413361
	PP coaxial 45° bend - Ø 110/160	KUG 71413351
	PP vertical chimney terminal Ø 110/160	KUG 71413341
	PP horizontal coaxial chimney Ø 110/160	KUG 71413331
	Flat roof tile to be used with a vertical chimney terminal Ø 110/160	KHG 71410481
	Pitched roof tile to be used with a vertical chimney terminal Ø 110/160; it is adjustable from 15° to 45°	KHG 71410491











Dual flue system: Luna Platinum

	Description	Code
	Orientable dual flue system	7102689
	PP dual flue system Ø 80 it includes: flue reduction, intake connection	KHG 71405911
	PP vertical flue system B23 type installation	KHG 71411101
	PP pipe extension Ø 80 L=1000 mm	KHG 71405941
	PP pipe extension Ø 80 L=500 mm	KHG 71405991
	PP pipe extension Ø 80 L=250 mm	7107183
	PP 90° bend Ø 80	KHG 71405921
	PP 45° bend Ø 80	KHG 71405931
	Dual flue terminal Ø 80	KHG 71401041
	PP reduction from Ø 80 to Ø 60	KHG 71407561
	PP pipe extension Ø 60 L=1000 mm	KHG 71407531
	PP pipe extension Ø 60 L=500 mm	KHG 71407521
	PP 90° bend Ø 60	KHG 71407541
	PP 45° bend Ø 60	KHG 71407551

## Flue pipe accessories















### Dual flue system: Luna Platinum

	Description	Code
	Dual flue terminal Ø 60	KHG 71403721
	Pipe Ø 80 centring kit (pack of 5)	KHG 71403741
	Clamp centring kit Ø 80	KHG 71410611
	Pipe Ø 80 supporting bracket (pack of 5)	KHG 71403731
	Internal sealing collar Ø 80	KHG 71401851
	External sealing collar Ø 80	KHG 71401841
	Coaxial vertical chimney terminal Ø 80/125 <sup>(1)</sup>	KHG 71409351
	Dual flue pipes adapter for coaxial chimney Ø 80/125	KHG 71409381
	Flat roof tile Ø 125 to be used with a vertical chimney terminal	KHG 71409361
	Pitched roof tile Ø 125 to be used with a vertical chimney terminal; it is adjustable from 15° to 45°	KHG 71409371

<sup>(1)</sup> +KHG 71409381






### Dual flue system: Luna Duo-Tec MP/MP+ 35-70 kW

	Description	Code
	PP pipe extension Ø 80 L=1000 mm	KHG 71405941
	PP pipe extension Ø 80 L=500 mm	KHG 71405991
	PP pipe extension Ø 80 L=250 mm	7107183
	PP 90° bend Ø 80	KHG 71405921
	PP 45° bend Ø 80	KHG 71405931
	Pipe Ø 80 centring kit (pack of 5)	KHG 71403741
	Clamp centring kit Ø 80	KHG 71410611
	Pipe Ø 80 supporting bracket (pack of 5)	KHG 71403731
	Internal sealing collar Ø 80	KHG 71401851
	External sealing collar Ø 80	KHG 71401841
	Flue terminal Ø 80	LSD 79000015
	Dual flue terminal Ø 80	KHG 71401041

## Flue pipe accessories










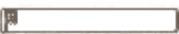


Dual flue system: Luna Duo-Tec MP/MP+ 35-70 kW

	Description	Code
	PP dual flue system Ø 80 it includes: flue reduction, intake connection	KHG 71408901
	Coaxial vertical chimney terminal 80/125	KHG 71409351
	Dual flue pipes adapter for coaxial chimney Ø 80/125	KHG 71409381
	Flat roof tile Ø 125 to be used with a vertical chimney terminal	KHG 71409361
	Pitched roof tile Ø 125 to be used with a vertical chimney terminal; it is adjustable from 15° to 45°	KHG 71409371

Dual flue system: Luna Duo-Tec MP/MP+ 90-110 kW, Power HT+ 90-110 kW

	Description	Code
	PP dual flue kit Ø 110/110	7106314

Dual flue system: Luna Duo-Tec MP/MP+ 90-110 kW, Power HT 112-150 kW, Power HT+ 90-110 kW















	Description	Code
	PP pipe extension Ø 110 L=1000 mm	KUG 71413321
	PP pipe extension Ø 110 L=500 mm	KUG 71413311
	PP pipe extension Ø 110 L=250mm	7107185
	PP 90° bend Ø 110	KUG 71413301
	PP 45° bend Ø 110	KUG 71413291
	PP reduction kit from Ø 110 to Ø 100 <sup>(1)</sup>	KHW 71409691
	PP vertical chimney terminal Ø 110	KUG 71413281
	PP horizontal chimney terminal Ø 110	KUG 71413271
	Flat roof tile to be used with a vertical chimney terminal Ø 110/160	KHG 71410481
	Pitched roof tile to be used with a vertical chimney terminal 110/160; it is adjustable from 15° to 45°	KHG 71410491

<sup>(1)</sup> only for floor standing boilers 112-150 kW

## Flue pipe accessories



Dual flue system: Power HT 230-320 kW

	Descrizione	Codice
	Extension pipe Ø 200 L=500 mm	LXO 00097191
	Extension pipe Ø 200 L=1000 mm	LXO 00097192
	Extension pipe Ø 200 L=2000 mm	LXO 00097193
	87° bend Ø 200	LXO 00097194
	45° bend Ø 200	LXO 00097195
	Spacer Ø 200	LXO 00097197
	Pitched roof tile Ø 200	LXO 00097199
	SAS flue discharge 200-1B	LXO 00068867
	SAS flue discharge 200-2B	LXO 00068868
	Air grid Ø 200	LXO 00097198
	87° bend Ø 200 with inspection	LXO 00097190
	Up right duct with inspection hole	LXO 00097189
	SAS vertical chimney terminal Ø 200	LXO 00098952
	Passing roof Ø 200	LXO 00098949
	Comburent air filter	LXO 00069265
	Room air independent working (WAS 200)	LXO 00097188

## Flue pipe accessories



Flue accessories for cascade installation (for all boilers model, except for Power HT 230-320 kW and Power HT-A)

	Description	Code
	PP flue pipe kit Ø 160 for two boilers	7107152
	PP flue pipe kit Ø 200 for two boilers	7107156
	PP flue pipe kit Ø160 for the third boiler	7107163
	PP flue pipe kit Ø200 for the third boiler	7107164
	PP 87° bend Ø160	KHW 71409781
	PP 87° bend Ø200	KHW 71409821
	PP pipe extension Ø160 L=1000 mm	KHW 71409771
	PP pipe extension Ø200 L=1000 mm	KHW 71409811

Flue accessories for cascade installation: Luna Platinum - Luna Duo-tec MP/MP+ 50-70 kW - Power HT+ 50-70 kW

	Description	Code
	PP flue pipe kit for two boilers Ø 125	7107168
	PP flue pipe kit Ø125 for the third boiler	7107177
	PP shutter kit Ø 110/80 with condensing trap	7106820
	PP 90° bend Ø 125	KHG 71409441
	PP 45° bend Ø 125 (pack of 2)	KHG 71409451
	PP pipe extension Ø 125 L=1000	KHG 71409461

Flue accessories for cascade installation: Luna Duo-tec MP/MP+ 90-110 kW - Power HT+ 90-110 kW - Power HT 112-150 kW

	Description	Code
	PP shutter kit Ø 110/110 with condensing trap	7106821

Flue accessories for cascade installation: Power HT 112-150 kW

	Description	Code
	PP reduction kit from Ø 110 to Ø 100	KHW 71409691







Flue accessories for cascade installation: Power HT 230-320 kW

	Description	Code
	Manifold for 2 boilers in cascade 250 mm	LXO 00069144

## Flue pipe accessories







Flexible ducting system accessories: Luna Platinum - Luna Duo-tec MP/MP+ 35-70 kW - Power HT+ 50-70 kW

	Description	Code
	PP flexible pipe Ø 80 L= 1,5 m	KHG 71410571
	PP flexible pipe Ø 80 L= 20 m	KHG 71410581
	PP tee joint Ø 80 with supporting bracket and condensate drainings	KHG 71410591
	PP 90° bend Ø 80 with supporting bracket	KHG 71410601
	Flexible centring kit Ø 80 (pack of 3)	KHG 71410621
	Triple lips gaskets kit Ø 80 (pack of 5)	KHG 71411121







## Hydraulic accessories (WITHOUT SAFETY DEVICE): Luna Platinum



	Description	Code
	Manifold pipes for 2 Platinum boilers in cascade	KHG 71411711
	Manifold pipes for the 3 <sup>rd</sup> Platinum boiler in cascade	KHG 71411721
	Neutralizer kit for wall hung boilers up to 100 kW	KHG 71412561
	Heating systems taps and connection pipes with filter	7109314

## Hydraulic accessories (WITH SAFETY DEVICE): Luna Platinum



	Description	Codice
	Manifold pipes for 2 Platinum boilers in cascade- right connection ( with safety device)	KHG 71411731
	Manifold pipes for the 3 <sup>rd</sup> Platinum boiler in cascade- right connection ( with safety device)	KHG 71411741
	Manifold pipes for 2 Platinum boilers in cascade- left connection ( with safety device)	KHG 71411751
	Manifold pipes for the 3 <sup>rd</sup> Platinum boiler in cascade- left connection ( with safety device)	KHG 71411761
	Neutralizer kit for wall hung boilers up to 100 kW	KHG 71412561
	Heating systems taps and connection pipes with filter	7109314

## Hydraulic accessories (WITHOUT SAFETY DEVICES): Luna Duo-tec MP/MP+ single installation

Single installation for Luna Duo-tec MP/MP+ from 35 to 70 kW



	Code
Hydraulic kit with separator for a single boiler from 35 to 70 kW	7111633

Single installation for Luna Duo-tec MP/MP+ 90/110 kW



	Code
Flow/return/gas manifold kit for individual boiler 90-110 kW	7105846
Flow/return/manifolds kit for individual boiler 90-110 kW without gas line <sup>▲</sup>	7108864
Boiler-mainfold connection kit for 90-110 kW boilers	7106783
Boiler-manifolds kit for boilers 90-110 kW without gas line <sup>▲</sup>	7108862
Expansion vessel kit	7105838
Flanges and gaskets kit	7105827
Insulation kit for individual boiler flow/return manifolds 90 - 110 kW boilers	7105878

<sup>▲</sup> To be used or alternative to the accessory with gas line.

## Hydraulic accessories (WITHOUT SAFETY DEVICES): Luna Duo-tec MP/MP+ boilers in cascade



Boilers in cascade from 35 to 70 kW	Code	n° of boilers			
		2	3	4	5
Flow/return/gas manifolds kit for individual boiler 35 to 70 kW	7105775	-	1 pz	-	1 pz
Flow/return/gas manifolds kit for two boilers 35 to 70 kW	7105777	1 pz	1 pz	2 pz	2 pz
Flow/return/manifolds kit for individual boiler 35 to 70 kW without gas line <sup>▲</sup>	7108863 <sup>▲</sup>	-	1 pz	-	1 pz
Flow/return/manifolds kit for 2 boilers 35 to 70 kW without gas line <sup>▲</sup>	7108865 <sup>▲</sup>	1 pz	1 pz	2 pz	2 pz
Expansion vessel kit	7105838	2 pz	3 pz	4 pz	5 pz
Boiler-manifolds connection kit for boilers 35 to 70 kW	7106738	2 pz	3 pz	4 pz	5 pz
Boiler-manifolds connection kit for boilers 35 to 70 kW without gas line <sup>▲</sup>	7108861 <sup>▲</sup>	2 pz	3 pz	4 pz	5 pz
Flanges and gaskets kit	7105827	1 pz	1 pz	1 pz	1 pz
Connection kit between gas manifolds	7105832	-	1 pz	1 pz	2 pz
Manifolds insulation kit for individual boiler 35 to 70 kW	7105870	-	1 pz	-	1 pz
Manifolds insulation kit for two boilers 35 to 70 kW	7105875	1 pz	1 pz	2 pz	2 pz

<sup>▲</sup> To be used or alternative to the accessory with gas line.

## Hydraulic accessories (WITHOUT SAFETY DEVICES): Luna Duo-tec MP/MP+ for boilers in cascade



Boilers in cascade 90/110 kW	Code	n° of boilers			
		2	3	4	5
Flow/return/gas manifolds kit for individual boiler 90 to 110 kW	7105846	-	1 pz	-	1 pz
Flow/return/gas manifolds kit for two boilers 90 to 110 kW	7105849	1 pz	1 pz	2 pz	2 pz
Flow/return/manifolds kit for individual boiler 90-110 kW without gas line <sup>▲</sup>	7108864 <sup>▲</sup>	-	1 pz	-	1 pz
Flow/return/manifolds kit for 2 boilers 90-110 kW without gas line <sup>▲</sup>	7108866 <sup>▲</sup>	1 pz	1 pz	2 pz	2 pz
Expansion vessel kit	7105838	2 pz	3 pz	4 pz	5 pz
Boiler-manifolds connection kit for boilers 90 to 110 kW	7106783	2 pz	3 pz	4 pz	5 pz
Boiler-manifolds connection kit for boilers 90-110 kW without gas line <sup>▲</sup>	7108862 <sup>▲</sup>	2 pz	3 pz	4 pz	5 pz
Flanges and gaskets kit	7105827	1 pz	1 pz	1 pz	1 pz
Connection kit between gas manifolds	7105832	-	1 pz	1 pz	2 pz
Manifolds insulation kit for individual boiler 90 to 110 kW	7105878	-	1 pz	-	1 pz
Manifolds insulation kit for two boilers 90 to 110 kW	7105885	1 pz	1 pz	2 pz	2 pz

<sup>▲</sup> To be used or alternative to the accessory with gas line.



## Hydraulic accessories (WITH SAFETY DEVICES): Luna Duo-tec MP/MP+ single installation

Single installation for Luna Duo-tec MP/MP+ from 35 to 70 kW



	Code
Hydraulic kit with separator for a single boiler from 35 to 70 kW	7111632

Single installation for Luna Duo-tec MP/MP+ 90/110 kW



	Code
Flow/return/gas manifolds kit for individual boiler 90-110 kW	7214074
Boiler-mainfold connection kit for 90 - 110 kW boilers	7105852
Expansion vessel kit	7105838
Flanges and gaskets kit	7213809
Insulation kit for individual boiler flow/return manifolds 90 - 110 kW boilers	7213802
Safety devices kit	KHW 71409841

## Hydraulic accessories (WITH SAFETY DEVICES): Luna Duo-tec MP/MP+ for boilers in cascade

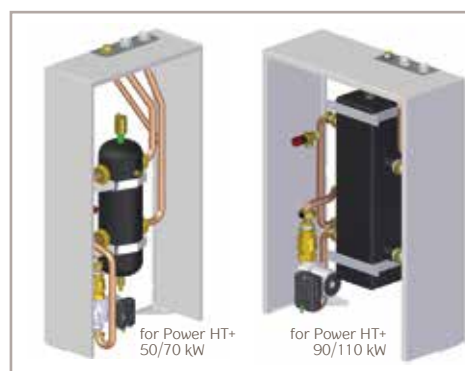


Boilers in cascade from 35 to 70 kW	Code	n° of boilers			
		2	3	4	5
Flow/return/gas manifolds kit (with safety devices) for two boilers 35-50-60-70 kW	7213437	1 pz	-	1 pz	-
Manifolds insulation kit (with safety devices) for two boilers 35-50-60-70 kW	7213813	1 pz	-	1 pz	-
Flow/return/gas manifolds kit for two boilers 35-50-60-70 kW	7105777	-	1 pz	1 pz	2 pz
Manifolds insulation kit for two boilers 35-50-60-70 kW	7105875	-	1 pz	1 pz	2 pz
Flow/return/gas manifolds kit (with safety devices) for individual boiler 35-50-60-70 kW	7213435	-	1 pz	-	1 pz
Manifolds insulation kit for individual boiler (with safety devices) 35-50-60-70 kW	7213835	-	1 pz	-	1 pz
Connection kit between gas manifolds	7105832	-	1 pz	1 pz	2 pz
Boiler-manifolds connection kit 35-50-60-70 kW	7105799	2 pz	3 pz	4 pz	5 pz
Expansion vessel kit	7105838	2 pz	3 pz	4 pz	5 pz
Flanges and gaskets kit for two boilers	7213808	1 pz	-	1 pz	1 pz
Flanges and gaskets kit for one boilers	7213809	-	1 pz	-	1 pz
Safety devices kit	KHW 71409841	1 pz	1 pz	1 pz	1 pz

## Hydraulic accessories (WITH SAFETY DEVICES): Luna Duo-tec MP/MP+ for boilers in cascade



Boilers in cascade 90/110 kW	Code	n° of boilers			
		2	3	4	5
Flow/return/gas manifolds kit (with safety devices) for two boilers 90-110 kW	7213738	1 pz	-	1 pz	-
Manifolds insulation kit (with safety devices) for two boilers 90-110 kW	7213791	1 pz	-	1 pz	-
Flow/return/gas manifolds kit for two boilers 90-110 kW	7105849	-	1 pz	1 pz	2 pz
Manifolds insulation kit for two boilers 90-110 kW	7105885	-	1 pz	1 pz	2 pz
Flow/return/gas manifolds kit (with safety devices) for individual boiler 90-110 kW	7214074	-	1 pz	-	1 pz
Manifolds insulation kit for individual boiler (with safety devices) 90-110 kW	7213802	-	1 pz	-	1 pz
Connection kit between gas manifolds	7105832	-	1 pz	1 pz	2 pz
Boiler-manifolds connection kit 90-110 kW	7105852	2 pz	3 pz	4 pz	5 pz
Expansion vessel kit	7105838	2 pz	3 pz	4 pz	5 pz
Flanges and gaskets kit for two boilers	7213808	1 pz	-	1 pz	1 pz
Flanges and gaskets kit for one boilers	7213809	-	1 pz	-	1 pz
Safety devices kit	KHW 71409841	1 pz	1 pz	1 pz	1 pz



### Hydraulic accessory - single installation Power HT+

This new accessory is a hidden separator: it has been designed to facilitate the single installations of Power HT+ boilers, to save space and provide an easy way for installation. The accessory can be easily fixed in the rear side of the boiler.

Code Soon available  
Hydraulic separator - for single installation Power HT+ 50/70 kW  
Dimensions 848 x 600 x 250 mm

Code Soon available  
Hydraulic separator - for single installation Power HT+ 90/110 kW  
Dimensions 1147 x 600 x 250 mm



## Hydraulic accessories (WITHOUT SAFETY DEVICES): Power HT+ single installation



Single installation for Power HT+ 50/70 kW	Code
Flow/return/gas manifold kit for individual boiler 50-110 kW	7105846
Manifolds insulation kit for individual boiler 50-110 kW	7105878
Flow/return/manifolds kit for individual boiler 50-110 kW without gas line ▲	7108864
Boiler-mainfold connection kit for 50-70 kW	7213843
Expansion vessel kit	7213919
Flanges and gaskets kit	7105827
Pipes and plugs kit for one boiler	7214091

▲ To be used or alternative to the accessory with gas line.



Single installation for Power HT+ 90/110 kW	Code
Flow/return/gas manifold kit for individual boiler 50-110 kW	7105846
Manifolds insulation kit for individual boiler 50-110 kW	7105878
Flow/return/manifolds kit for individual boiler 50-110 kW without gas line ▲	7108864
Boiler-mainfold connection kit for 90-110 kW	7213806
Expansion vessel kit	7213919
Flanges and gaskets kit	7105827
Pipes and plugs kit for one boiler	7214091

▲ To be used or alternative to the accessory with gas line.

## Hydraulic accessories (WITHOUT SAFETY DEVICES): Power HT+ cascade installation



Boilers in cascade 50/70 kW	Code	n° of boilers			
		2	3	4	5
Flow/return/gas manifolds kit for two boilers 50-110 kW	7105849	1 pz	1 pz	2 pz	2 pz
Manifolds insulation kit for two boilers 50-110 kW	7105885	1 pz	1 pz	2 pz	2 pz
Flow/return/manifolds kit for two boilers 50-110 kW without gas line ▲	7108866 ▲	1 pz	1 pz	2 pz	2 pz
Flow/return/gas manifolds kit for individual boiler 50-110 kW	7105846	-	1 pz	-	1 pz
Manifolds insulation kit for individual boiler 50-110 kW	7105878	-	1 pz	-	1 pz
Flow-Return manifolds kit for individual boiler 50-110 kW without gas line ▲	7108864 ▲	-	1 pz	-	1 pz
Connection kit between gas manifolds	7214194	-	1 pz	1 pz	2 pz
Boiler-manifolds connection kit 50-70 kW	7213843	2 pz	3 pz	4 pz	5 pz
Expansion vessel kit	7213919	2 pz	3 pz	4 pz	5 pz
Flanges and gaskets kit	7214087	1 pz	1 pz	1 pz	1 pz
Pipes and plugs kit for one boiler	7214091	-	1 pz	-	1 pz
Pipes and plugs kit for two boilers	7214179	1 pz	-	1 pz	-

▲ To be used or alternative to the accessory with gas line.



Boilers in cascade 90/110 kW	Code	n° of boilers			
		2	3	4	5
Flow/return/gas manifolds kit for two boilers 50-110 kW	7105849	1 pz	1 pz	2 pz	2 pz
Manifolds insulation kit for two boilers 50-110 kW	7105885	1 pz	1 pz	2 pz	2 pz
Flow/return/manifolds kit for two boilers 50-110 kW without gas line ▲	7108866 ▲	1 pz	1 pz	2 pz	2 pz
Flow/return/gas manifolds kit for individual boiler 50-110 kW	7105846	-	1 pz	-	1 pz
Manifolds insulation kit for individual boiler 50-110 kW	7105878	-	1 pz	-	1 pz
Flow-Return manifolds kit for individual boiler 50-110 kW without gas line ▲	7108864 ▲	-	1 pz	-	1 pz
Connection kit between gas manifolds	7214194	-	1 pz	1 pz	2 pz
Boiler-manifolds connection kit 90-110 kW	7213806	2 pz	3 pz	4 pz	5 pz
Expansion vessel kit	7213919	2 pz	3 pz	4 pz	5 pz
Flanges and gaskets kit	7214087	1 pz	1 pz	1 pz	1 pz
Pipes and plugs kit for one boiler	7214091	-	1 pz	-	1 pz
Pipes and plugs kit for two boilers	7214179	1 pz	-	1 pz	-

▲ To be used or alternative to the accessory with gas line.

## Hydraulic accessories (WITH SAFETY DEVICES): Power HT+ single installation



Single installation for Power HT+ 50/70 kW	Code
Flow/return/gas manifold kit (with safety devices) for individual boiler 50-110 kW	7214074
Manifolds insulation kit for individual boiler (with safety devices) 50-110 kW	7213802
Boiler-mainfold connection kit for 50-70 kW	7213843
Expansion vessel kit	7213919
Flanges and gaskets kit	7214087
Pipes and plugs kit for one boiler	7214091
Safety devices kit	KHW 71409841



Single installation for Power HT+ 90/110 kW	Code
Flow/return/gas manifold kit (with safety devices) for individual boiler 50-110 kW	7214074
Manifolds insulation kit for individual boiler (with safety devices) 50-110 kW	7213802
Boiler-mainfold connection kit for 90-110 kW	7213806
Expansion vessel kit	7213919
Flanges and gaskets kit	7214087
Pipes and plugs kit for one boiler	7214091
Safety devices kit	KHW 71409841

## Hydraulic accessories (WITH SAFETY DEVICES): Power HT+ cascade installation



Boilers in cascade 50/70 kW	Code	n° of boilers			
		2	3	4	5
Flow/return/gas manifolds kit (with safety devices) for two boilers 50-110 kW	7213738	1 pz	-	1 pz	-
Manifolds insulation kit (with safety devices) for two boilers 50-110 kW	7213791	1 pz	-	1 pz	-
Flow/return/gas manifolds kit for two boilers 50-110 kW	7105849	-	1 pz	1 pz	2 pz
Manifolds insulation kit for two boilers 50-110 kW	7105885	-	1 pz	1 pz	2 pz
Flow-Return manifolds kit (with safety devices) for individual boiler 50-110 kW	7214074	-	1 pz	-	1 pz
Manifolds insulation kit for individual boiler (with safety devices) 50-110 kW	7213802	-	1 pz	-	1 pz
Connection kit between gas manifolds	7214194	-	1 pz	1 pz	2 pz
Boiler-manifolds connection kit 50-70 kW	7213843	2 pz	3 pz	4 pz	5 pz
Expansion vessel kit	7213919	2 pz	3 pz	4 pz	5 pz
Flanges and gaskets kit	7214087	1 pz	1 pz	1 pz	1 pz
Pipes and plugs kit for one boiler	7214091	-	1 pz	-	1 pz
Pipes and plugs kit for two boilers	7214179	1 pz	-	1 pz	-
Safety devices kit	KHW 71409841	1 pz	1 pz	1 pz	1 pz



Boilers in cascade 90/110 kW	Code	n° of boilers			
		2	3	4	5
Flow/return/gas manifolds kit (with safety devices) for two boilers 50-110 kW	7213738	1 pz	-	1 pz	-
Manifolds insulation kit (with safety devices) for two boilers 50-110 kW	7213791	1 pz	-	1 pz	-
Flow/return/gas manifolds kit for two boilers 50-110 kW	7105849	-	1 pz	1 pz	2 pz
Manifolds insulation kit for two boilers 50-110 kW	7105885	-	1 pz	1 pz	2 pz
Flow-Return manifolds kit (with safety devices) for individual boiler 50-110 kW	7214074	-	1 pz	-	1 pz
Manifolds insulation kit for individual boiler (with safety devices) 50-110 kW	7213802	-	1 pz	-	1 pz
Connection kit between gas manifolds	7214194	-	1 pz	1 pz	2 pz
Boiler-manifolds connection kit 90-110 kW	7213806	2 pz	3 pz	4 pz	5 pz
Expansion vessel kit	7213919	2 pz	3 pz	4 pz	5 pz
Flanges and gaskets kit	7214087	1 pz	1 pz	1 pz	1 pz
Pipes and plugs kit for one boiler	7214091	-	1 pz	-	1 pz
Pipes and plugs kit for two boilers	7214179	1 pz	-	1 pz	-
Safety devices kit	KHW 71409841	1 pz	1 pz	1 pz	1 pz

## Hydraulic accessories: Luna Duo-tec MP/MP+ - Power HT+ for boilers in cascade






Hydraulic separators



Description	Code
Hydraulic connection kit to the separator G2" 8,5 m³/h	7218613
Hydraulic separator HS 8,5 of 8,5 m³/h - 22 threaded connectors	LSD 79000031
Hydraulic connection kit to the separator DN65 18 m³/h	7218614
Hydraulic separator 18 m³/h DN65	LSD 79000032
Hydraulic connection kit to the separator DN80 28 m³/h	7218615
Hydraulic separator 28 m³/h DN80	LSD 79000033














## Hydraulic accessories: Luna Duo-tec MP/MP+ - Power HT+ - Power HT 112-150 kW



Description	Code
 Safety devices kit (available as optional)	KHW 71409841
 Neutralizer kit for wall hung boilers up to 100 kW (only for Luna Duo-tec MP/MP+)	KHG 71412561
 Hydraulic separator HS 56 of 56 m³/h - Ø 100 flanged connectors	LSD 79000034
 Neutralizer kit for wall hung boilers up to 350 kW	KHG 71412571
 Recharge for neutralizer kit for wall-hung boilers up to 350 kW	KHG 71413541






## Hydraulic accessories: Luna Duo-tec MP/MP+ 50-110 kW - Power HT/HT+ 50-430 kW



Description	Code
 Braze exchanger SPS250 - 30 plates	7215320
 Braze exchanger SPS250 - 40 plates	7215321
 Braze exchanger SPS250 - 50 plates	7215322
 Inspectable exchanger SPI3 - 13 plates	7215323
 Inspectable exchanger SPI3 - 21 plates	7215324
 Inspectable exchanger SPI3 - 27 plates	7111961
 Inspectable exchanger SPI3 - 33 plates	7111962
 Inspectable exchanger SPI3 - 41 plates	7111964
 Inspectable exchanger SPI3 - 45 plates	7215325
 Inspectable exchanger SPI3 - 57 plates	7215326
 Inspectable exchanger SPI3 - 67 plates	7215327
 Safety devices manifold kit	LSD 79000058
 Manifold kit L=495	LSD 79000012

## Hydraulic accessories: Power HT 112-150 kW



	Description	Code
	Manifold pipes single boiler/last boiler	KHW 71409891
	Boiler-manifold pipe hydraulic connection with ErP pump	7112875 .
	Manifold pipes boilers in cascade (45 cm between the boilers)	KHW 71409901
	Manifold pipes boilers in cascade (2 cm between the boilers)	KHW 71410361
	Hydraulic connection for 2nd pump ErP	7112877 .





## Hydraulic accessories for twin boilers in cascade Power HT 430-650 kW



	Description	Code
	Condensing neutralizer kit (first recharge is included) Power HT 430-650 kW models	LXO 00082302
	Granulate packet recharge	LXO 00057868






## Accessories for the thermoregulation, programming, setting and digital control Luna Platinum - Luna Duo-tec MP/MP+ - Power HT+ - Power HT (112-150 kW)



	Description	Code
	Mixing valve motor	KHG 71407851
	Mixing valve G1"	KHG 71407831
	Mixing valve G1/2"	KHG 71407861
	Mixing valve G3/4"	KHG 71407871

## Accessories for the thermoregulation, programming, setting and digital control - Luna Platinum














	Description	Code
	Outdoor sensor THINK	7104873
	Outdoor sensor THINK (wireless)*	7103027
	Interface kit for remote control THINK - 3 leds	7102340
	Interface kit for remote control THINK - 5 leds wireless	7102441
	Wireless aerial THINK	7102343

\* wireless model to be ordered with the interface kit for remote control THINK - 5 leds (7102441) or the wireless aerial THINK (7102343)

## Accessories for the thermoregulation, programming, setting and digital control - Luna Platinum



	Description	Code
	Room thermostat THINK	7101061
	Room thermostat (wireless) THINK*	7103044
	Room thermostat with timer THINK	7102980
	Room thermostat with timer THINK – wireless*	7102979
	Programmable clip-in module THINK	7100345
	Flow sensor for clip-in module THINK	KHG 71407891
	Programmable external module THINK	7105037
	Hot water temperature sensor	KHG 71407681
	Interface kit for boilers in cascade THINK	7104408
	Climate controller kit for mixing zones THINK	7105199
	Sensor for solar controller	LCN 71000004














## Accessories for the thermoregulation, programming, setting and digital control - Luna Duo-tec MP/MP+ - Power HT+



	Description	Code
	Outdoor sensor THINK	7104873
	Outdoor sensor THINK (wireless)*	7103027
	Wireless aerial THINK	7102343
	Programmable clip-in module THINK	7100345
	Flow sensor for clip-in module	KHG 71407891
	Programmable external module THINK	7105037
	Programmable internal module THINK (only for Power HT+)	7213872
	Hot water temperature sensor	KHG 71407681
	Remote control THINK	7102442
	Remote control THINK (wireless)	7102443
	Climate controller kit for mixing zones THINK	7105199
	Interface kit for boilers in cascade THINK	7104408
	Sensor for solar controller	LCN 71000004








## Accessories for the thermoregulation, programming, setting and digital control - Power HT 112-150 kW



	Description	Code
	Outdoor sensor	7104873
	Remote controller and climatic regulator	KHG 71407261
	Boiler interface for mixing systems with two different temperatures zones	KHG 71407791
	Bus interface for climatic regulators for boilers in cascade	KHG 71407801
	Boiler control interface 0-10 V	KHG 71410761
	Flow/return sensor for controller for boilers in cascade and mixing system	KHG 71407881
	Temperature regulator for mixing systems, it includes a temperature sensor	KHG 71407811
	Cascade controller, it includes a temperature sensor	KHG 71407821
	Room sensor: it can be installed only with climatic regulator for mixing system	KHG 71407841
	Installation box for RVA controllers	KHG 71409661
	Hot water temperature sensor for climatic regulator for boilers in cascade	KHG 71407901
	Hot water temperature sensor	KHG 71407681
	Sensor for solar controller	LNC 71000004






## Accessories for the thermoregulation, programming, setting and digital control - Power HT 230-650 kW



	Description	Code
	Interface kit for boilers in cascade	7104408
	Flow sensor for clip-in module	KHG 71407891
	External tank sensor L=2 m	LSX 71000001
	External tank sensor L=6 m	LSX 71000002
	Sensor for solar controller	LNC 71000004
	Accessory for managing mixing systems or solar panels	LSX 71000003
	Climate controller kit for mixing zones THINK	7105199

## LPG conversion kit: Luna Duo-tec MP/MP+ - Power HT+



	Description	Code
	LPG conversion kit for LUNA DUO-TEC MP/MP+ 1.50	7107186
	LPG conversion kit for LUNA DUO-TEC MP/MP+ 1.60	7107187
	LPG conversion kit for LUNA DUO-TEC MP/MP+ 1.70	7107188
	LPG conversion kit for LUNA DUO-TEC MP/MP+ 1.90	7107189
	LPG conversion kit for LUNA DUO-TEC MP/MP+ 1.110	7107190

## Accessories available as option Luna SAT



### M-BUS data transmission



Code

M-BUS central unit made of 60 loads for GSM transmission, e-mail	KSV 71414651
Extension to 120 loads for GSM central unit, e-mail	KSV 71414661
Extension to 250 loads for GSM central unit, e-mail	KSV 71414671
Central unit (30 loads) for data control and reading in local through PC - without display - with data recording function (DATALOGGER)	7116709
Central unit (60 loads) for data control and reading in local through PC - with display - with data recording function (DATALOGGER)	KSV 71415441
Central unit (120 loads) for data control and reading in local through PC - with display - with data recording function (DATALOGGER)	KSV 71415451
Central unit (250 loads) for data control and reading in local through PC - with display - with data recording function (DATALOGGER)	KSV 71415461



### M-BUS control

Code

Flow meter 3/4" - mod. RCZ-MB, RCZ G1-MB	KSV 71414721
Flow meter G1 - mod. RCZ G1-MB	KSV 71415011
First flow meter - mod. RZ/1-MB, RPZ/1-MB, RPBZ-MB, RPEZ-MB, RZ2Z-MB	KSV 71414931
Second flow meter - mod. RZ/1-MB, RPEZ-MB, RZ2Z-MB	KSV 71414961
Second flow meter - mod. RPZ/1-MB, RPBZ-MB	KSV 71414951
First or second flow meter - mod. RZH-MB, RZ2H-MB	KSV 71415321
First or second flow meter - mod. RPZH-MB, RPEZH-MB	KSV 71415331
First or second flow meter - mod. RZH1-MB	KSV 71411661
First flow meter - mod. RSPZ-MB, RSZ2Z-MB	KSV 71414941
Flow meter - mod. RAZ-MB, RAZ2Z-MB	KSV 71415381



### Thermoregulation

Code

Outdoor sensor	7104873
Room thermostat	KHG 71408691
Remote control and chronostat (mod. RZ2Z-MB, RSPZ-MB, RSZ2Z-MB, RAZ-MB, RAZ2Z-MB, RPEZ-MB, RPEZH-MB)	KSV 71410951
Digital chronostat	KHG 71408671

### Other accessories



Code

Heat meter UH50 G1 1/4"	KSV 71411781
Heat meter UH50 G2"	KSV 71411791
Heat meter UH50 G1"	KSV 71414481
Heat meter UH50 DN 50	KSV 71414491
Heat meter UH50 DN 65	KSV 71414501
Heat meter UH50 DN 80	KSV 71414511
Well for NTC sensor (1/2" and 3/4") for UH50 models 1", 1/4"	KSV 71412731
Additional well for NTC sensor (n° 2 pcs) G 1/2" for UHG50 models G2" DN50-DN65-DN80 (output up to 10 m³/h)	KSV 71412741
M-BUS interface UH50 for ultrasonic heat-meter	KSV 71412181
Complete template for Luna Sat RZH1-MB (equipment included)	KSV 71412231
By-pass for Luna Sat RCZ-MB	KSV 71413631
By-pass (inversion) for Luna Sat RCZ-MB	KSV 71413961
Hydraulic test kit (plastic pipe + 2 taps) - RCZ-MB	KSV 71413651
2L Sanitary expansion vessel for Luna Sat RZ60WH-MB	KSV 71414341
4L Sanitary expansion vessel (Luna Sat B60)	KSV 71411041



## Accessories available as option Luna SAT

### Mounting accessories

(all casings have built-in taps except for RZH-MB model)

	Code
Casing for RCZ-MB	KSV 71414731
Casing for RCZ G1-MB (with flow meter taps 3/4")	KSV 71414871
Complete casing for RCZ G1-MB (with flow meter taps 1")	KSV 71415001
Single zone casing for RZ1-MB, RPZ/1-MB	KSV 71414531
Casing 650x650 mm for RZH-MB (without taps: hydraulic connections cod. KSV71412091 to be ordered)	KSV 71411701
Casing for RPZH-MB, RPEZH-MB	KSV 71414561
Single zone casing for RPBZ-MB, RPEZ-MB, RSPZ-MB	KSV 71414791
Casing for RZ2H-MB	KSV 71414551
Casing for RPZ-SP-MB+2C	KSV 71414201
Casing for RP-SP-MB	KSV 71414201
2 zones casing for RZ2Z-MB, RSZ2Z-MB, RAZ2Z-MB	KSV 71414541
Single zone casing for RSTZ-MB	KSV 71414121
Single zone casing for RAZ-MB	KSV 71414801

### Equipment (for all M-BUS models)

(to be ordered, in case, for project needs and for RZH-MB model)

	Code
Hydraulic equipment for Luna Sat only heating models RZ/1-MB, RPZ/1-MB, RZH-MB, RZH1-MB*, RZPH-MB, RPBZ-MB, RPEZ-MB, R2H-MB, RPEZH-MB	KSV 71412091
Hydraulic equipment for Luna Sat heating and DHW production models RSPZ-MB	KSV 71412101
Hydraulic equipment for Luna Sat models RZ2Z-MB, RAZ-MB, RA2Z-MB	KSV 71412111
Hydraulic equipment for Luna Sat heating and DHW production models RS2Z-MB	KSV 71412121
Hydraulic equipment for 2 flow meters (2 taps 3/4") for Luna Sat models RZ/1-MB, RPZ/1-MB, RPBZ-MB, RPEZ-MB	KSV 71412131
Hydraulic equipment for 2 flow meters (2 taps 3/4") for Luna Sat models RZH-MB, RPZH-MB, RZ2H-MB, RPEZH-MB	KSV 71412141

\* to be ordered if the template is not requested

### Cylinder

	Code
Luna SAT B60 cylinder (for connection with RAZ-MB, RAZ2Z-MB)	KSV 71410841

### Accessories for Luna Sat Rack (3 modules)

	Code
3 Luna Sat RCZ-MB - Rack casing	KSV 71414231
Flow/return collectors 3 Luna Sat RCZ-MB - Rack	KSV 71414261
DHW collector kit 3 Luna Sat RCZ-MB - Rack	KSV 71414281
DCW collector kit 3 Luna Sat RCZ-MB - Rack	KSV 71414291
Collector kit for the 3rd flow meter 3 Luna Sat RCZ-MB - Rack	KSV 71414301

### Accessories for Luna Sat Rack (4 modules)

	Code
4 Luna Sat RCZ-MB - Rack case	KSV 71414241
Flow/return collectors 4 Luna Sat RCZ-MB - Rack	KSV 71414271
DHW collector kit 4 Luna Sat RCZ-MB - Rack	KSV 71414311
DCW collector kit 4 Luna Sat RCZ-MB - Rack	KSV 71414321
Collector kit for the 3rd flow meter 3 Luna Sat RCZ-MB - Rack	KSV 71414331

# Products technical data

High output condensing gas boilers

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PRODUCT	Heat input		Heat output		Efficiency (Hi) 92/42/EEC		Maximum Output			not working burner		Maximum output				Minimum Output				Power consumption		Certificate EEC Nr.	
	MAX. kW	MIN. kW	MAX. kW	MIN. kW	average temp. Ph 70°C %	30 % 92/42/EEC	stars number 92/42/EEC	combustion efficiency %	chimney heat losses %	radiating heat losses %	flue temp. max °C	CO <sub>2</sub> %	O <sub>2</sub> %	exceeding air and %	flue mass flow/rate kg/s	flue temp. max °C	CO <sub>2</sub> %	O <sub>2</sub> %	exceeding air and %	flue mass flow/rate kg/s	nominal boiler W		nominal pump W
LUNA PLATINUM 1.12	12.4	2.1	12	2	97.7	108	★★★★	98.2	1.8	0.5	0.1	9.0	4.8	30	0.006	55	9.0	4.8	30	0.001	95	75	0085CM0140
LUNA PLATINUM 1.18	17.4	2.1	16.9	2	97.6	108	★★★★	98.1	1.9	0.5	0.1	9.0	4.8	30	0.008	55	9.0	4.8	30	0.001	110	75	0085CM0140
LUNA PLATINUM 1.24	24.7	2.5	24	2.4	97.6	107.6	★★★★	98.1	1.9	0.5	0.1	9.0	4.8	30	0.011	80	9.0	4.8	30	0.001	120	75	0085CM0140
LUNA PLATINUM 1.32	33	3.3	32	3.2	97.6	107.6	★★★★	98.1	1.9	0.5	0.1	9.0	4.8	30	0.015	80	9.0	4.8	30	0.002	130	75	0085CM0140
LUNA DUO-TEC MP 1.50	46.3	5.1	45	5	97.4	107.6	★★★★	98.0	2.0	0.6	0.1	9.0	4.8	30	0.021	92	9.0	4.8	30	0.002	190	115	0085CM0128
LUNA DUO-TEC MP 1.60	56.6	6.3	55	6.1	97.2	107.6	★★★★	97.8	2.2	0.6	0.1	9.0	4.8	30	0.026	96	9.0	4.8	30	0.003	210	120	0085CM0128
LUNA DUO-TEC MP 1.70	66.9	7.4	65	7.2	97.2	107.6	★★★★	97.8	2.2	0.6	0.1	9.0	4.8	30	0.031	76	9.0	4.8	30	0.004	210	125	0085CM0128
LUNA DUO-TEC MP 1.90	87.4	9.7	85	9.4	97.3	107.3	★★★★	97.9	2.1	0.6	0.1	9.0	4.8	30	0.040	75	9.0	4.8	30	0.005	275	165	0085CM0128
LUNA DUO-TEC MP 1.110	104.9	11.7	102	11.4	97.2	107.4	★★★★	97.8	2.2	0.6	0.1	9.2	4.5	27	0.047	74	9.2	4.5	27	0.005	320	170	0085CM0128
LUNA DUO-TEC MP 1.110 +	104.9	11.7	102	11.4	97.2	107.4	★★★★	97.8	2.2	0.6	0.1	9.2	4.5	27	0.047	70	9.2	4.5	27	0.005	320	140	0085CM0128
LUNA DUO-TEC MP 1.90 +	87.4	9.7	85	9.4	97.3	107.5	★★★★	97.9	2.1	0.6	0.1	9.0	4.8	30	0.040	70	9.0	4.8	30	0.005	275	140	0085CM0128
LUNA DUO-TEC MP 1.70 +	66.9	7.4	65	7.2	97.2	107.1	★★★★	97.8	2.2	0.6	0.1	9.0	4.8	30	0.031	74	9.0	4.8	30	0.004	230	140	0085CM0128
LUNA DUO-TEC MP 1.60 +	56.6	6.3	55	6.1	97.2	107.4	★★★★	97.8	2.2	0.6	0.1	9.0	4.8	30	0.026	80	9.0	4.8	30	0.003	230	140	0085CM0128
LUNA DUO-TEC MP 1.50 +	46.3	5.1	45	5	97.4	107.8	★★★★	98.0	2.0	0.6	0.1	9.0	4.8	30	0.021	80	9.0	4.8	30	0.002	230	140	0085CM0128
POWER HT+ 1.50	46.3	5.1	45	5	97.4	108.4	★★★★	98.0	2.0	0.6	0.1	9.0	4.8	30	0.021	92	9.0	4.8	30	0.002	190	-	0085CP0089
POWER HT+ 1.70	66.9	7.4	65	7.2	97.2	108.1	★★★★	97.8	2.2	0.6	0.1	9.0	4.8	30	0.031	76	9.0	4.8	30	0.004	210	-	0085CP0089
POWER HT+ 1.90	87.4	9.7	85	9.4	97.3	108.2	★★★★	97.9	2.1	0.6	0.1	9.0	4.8	30	0.040	70	9.0	4.8	30	0.005	275	-	0085CP0089
POWER HT+ 1.110	104.9	11.7	102	11.4	97.2	108.1	★★★★	97.8	2.2	0.6	0.1	9.2	4.5	27	0.047	70	9.2	4.5	27	0.005	320	-	0085CP0089
POWER HT 1.1150	115	4.0	115	39	97.4	107.5	★★★★	98.0	2.0	0.6	0.1	8.7	5.4	34	0.054	72	8.7	5.4	34	0.019	128	-	0085BQ0055
POWER HT 1.1200	123.2	4.0	120	39	97.4	107.5	★★★★	98.0	2.0	0.6	0.1	8.7	5.4	34	0.058	77	8.7	5.4	34	0.019	135	-	0085BQ0055
POWER HT 1.1500	154	4.15	150	40.4	97.4	107.2	★★★★	98.0	2.0	0.6	0.1	8.7	5.4	34	0.073	75	8.7	5.4	34	0.020	235	-	0085BQ0055
POWER HT 1.230	215	3.5	210.1	33.5	97.3	105.4	★★★★	97.9	1.7	2.5	0.0	9.3	4.3	26	0.097	61	9.3	4.3	26	0.016	330	-	0085CL0072
POWER HT 1.280	260	4.2	254.5	40.2	97.4	105.6	★★★★	98.0	1.7	2.5	0.0	9.3	4.3	26	0.118	61	9.3	4.3	26	0.019	350	-	0085CL0072
POWER HT 1.320	300	4.8	294	45.9	97.4	105.7	★★★★	98.0	1.7	2.6	0.0	9.3	4.3	26	0.136	61	9.3	4.3	26	0.021	410	-	0085CL0072

DATA REFERRED TO POWER HT-A:  
SOON AVAILABLE



## Quality Environment Safety

are Baxi strategic aims and the awarded certifications ensure compliance with the specific regulations

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