



GENERAL CATALOGUE 2015

HEATING TECHNOLOGY SINCE 1959

CONDENSING BOILERS

TRADITIONAL GAS BOILERS



RUN YOUR WELL-BEING WITH A FINGER TOUCH AND SAVE



A NEW WAY TO RUN YOUR WELL-BEING

By means of the new app I-Module you can run the room well-being thru your smartphone or tablet. Download the free app simply, with a finger touch you can control, adjust and set all the parameters for your well-being.



DOWNLOAD THE FREE APP



Available on the iPhone

App Store



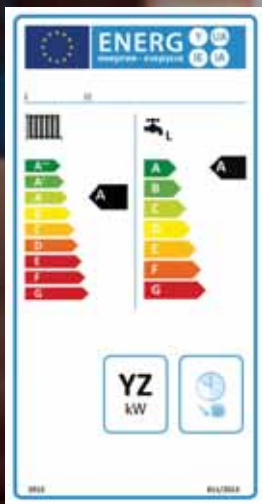
Android APP ON

Google play

ENERGY SAVINGS

REMARKABLE SANITARY EFFICIENCY (3 STARS)

EN 13203-1



1/9 MODULATION

HIGHLY SILENT

H2O FAST SYSTEM

COMBI-TECH

THE QUALITY WITHOUT COMPROMISES IN THE MARKETPLACE



YESTERDAY



Since 1959, Radiant has been developing and producing the key components within their facilities. Today, like yesterday, the endless high-tech evolutions are aimed to guarantee a better efficiency and reliability, all **100% made in Radiant**.

TODAY



A great feather in the cap of our production is the newly introduced **COMBI-TECH*** exchanger, made of stainless steel spirals **Ø 28 mm.**, which guarantees higher efficiency, less head losses and easier cleaning.



The highest possible quality in the marketplace. **55 years** of an unparalleled experience and know-how made it possible to produce internally the stainless steel exchanger, that now feature all the **COMBI-TECH***, combination instantaneous units.

***Patent pending**

YESTERDAY LIKE TODAY FOR OUR TOMORROW

THE 100% MADE IN RADIANT FOR A TRUE MADE IN ITALY

A person is relaxing in a hot tub, with their legs visible in the water. The hot tub has a waterfall feature. In the foreground, the back of a person's head is visible, with blonde hair tied in a bun and a white flower tucked into it. The background is a lush green garden with a wooden fence.

AN ENDLESS AMOUNT OF DOMESTIC HOT WATER

REGARDLESS THE SMALL CAPACITIES

BETTER WELL BEING
THE TANK INTERACTS ACTIVELY

LARGER SAVINGS

DUOPASS® SYSTEM

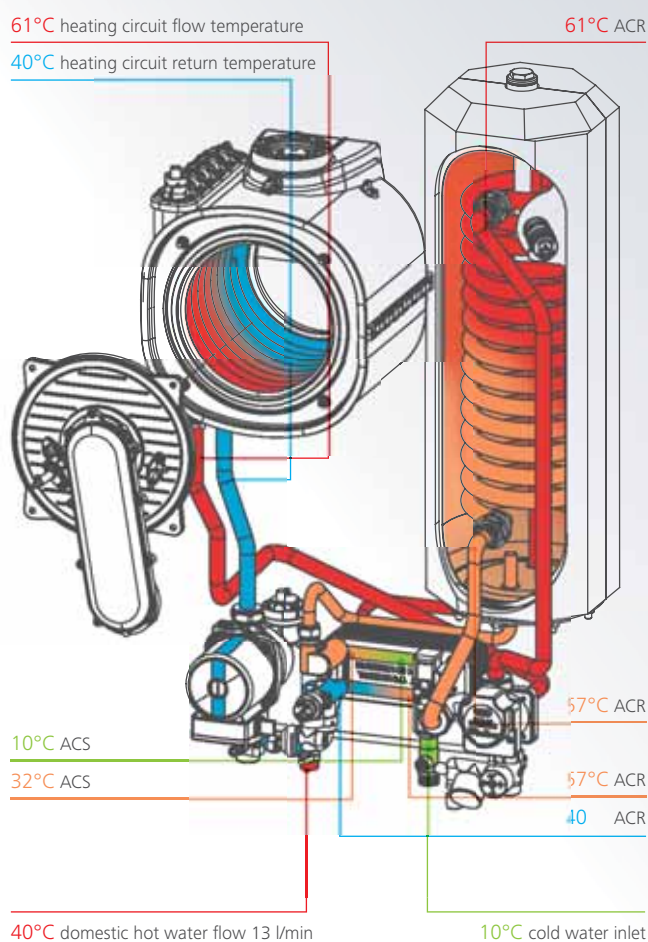
TANK CAPACITY
8 / 20 / 40 / 100 LITERS



DUOPASS

SYSTEM

SMALL DIMENSIONS



ACR heating circuit hot water - ACS domestic hot water

DUOPASS® SYSTEM generously delivers fine performances and savings to the end user. The water is pre-heated before it gets into the storage tank, and it is lifted to approximately 32°C. This innovation, patented by Radiant in year 1996, leads to various advantages, mainly the reduction of the thermal stress, longer product life, a much better sanitary comfort and finally energy savings.

Duopass provides a generous amount of **D.H.W** despite the limited amount of space. Duogas is the new frontier for the storage boilers, whereas the appliance is operating as a classic combination instantaneous unit.

our mission... the excellence of the quality

MORE RELIABILITY

MAINTENANCE SAVINGS

USE OF PRESTIGIOUS COMPONENTS

MORE EFFICIENCY

ACTIVE TANK

THERMAL REGULATION

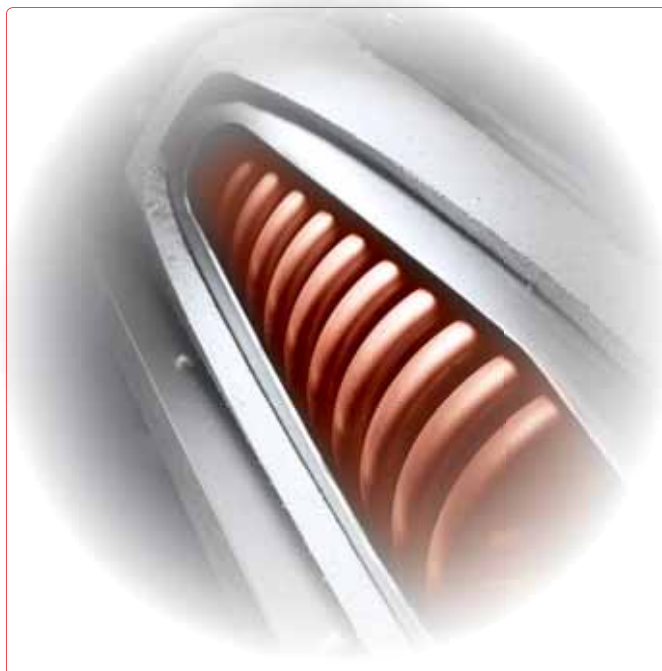
SANITARY EFFICIENCY EXCEEDING THE 102%

MULTIPLÉX

DUOPAS
SYSTEM



New hydraulics fully integrated and made of prestigious components, including the copper: less thermal strains, less wear, so a better saving for the end user.



Our exclusive system is available onto all our storage units. High comfort, notwithstanding the small capacity of the tank. The endless production of a storage unit, combined to the continuous flow rate of a combi unit.

MORE INTEGRATION

MANAGEMENT OF HIGH AND LOW TEMP.

LESS SPACE

LESS INSTALLATION COSTS

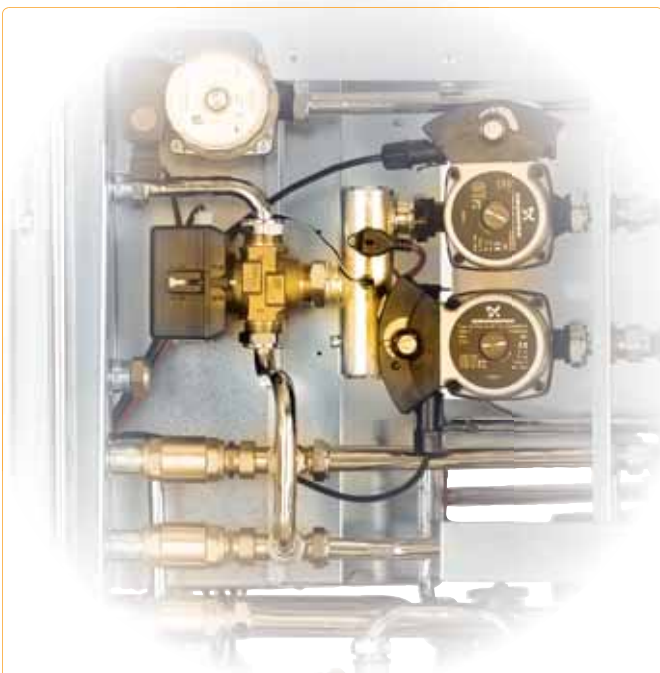
MORE TECHNOLOGY

USER-FRIENDLY INTERACTION

INTEGRATED MANAGEMENT OF
HYBRID SYSTEMS



DIGITECH



Our exclusive system is available onto all our units aimed to run mixed loops, i.e. with high and low temperature. This avoids the use of an additional item for the recovery.



In all the units of the Technology range, one P.C.B. manages the appliance, thru LCD, the high/low temperature loops and the addition of solar items.

TECHNOLOGY





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TECHNOLOGY

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Cleanpass® System	page	70
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INDOOR

POST CONDENSING

B-CONDENSE

HIGH TEMPERATURE

26 KW



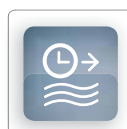
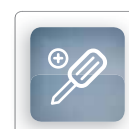
★★★★ 92/42/CEE

IP X4D

PRODUCT PLUS

4 stars
efficiency

compact size

memory
functionbrass
componentsH₂O
fastease of
access

● Post condensing wall hung gas boilers for high temperature loops, heating only, heating only for easy addition of an indirect tank (B), combi instantaneous and storage.

● Available 26 kW only.

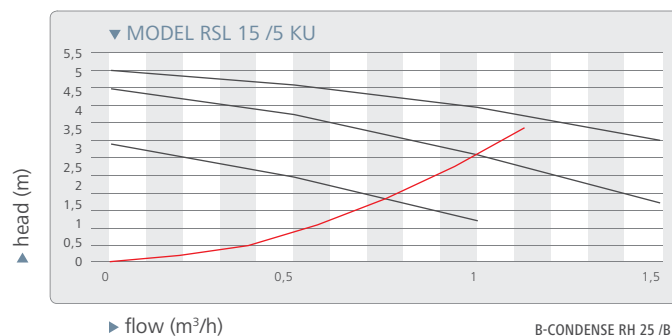
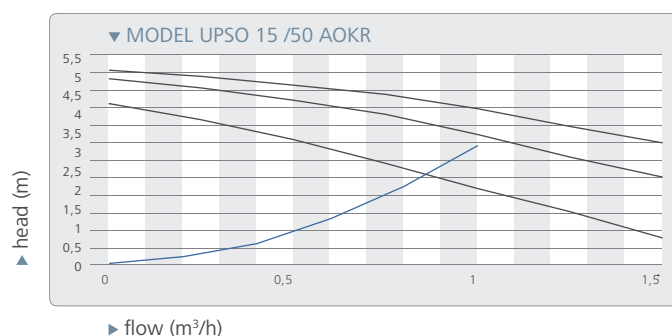
● Equipped with primary heat exchanger, 2 ranges c/w ample inner sections.

● Equipped with a heat recuperator that leads to higher efficiencies. DIGITECH TR main P.C.B.

● Compact dimensions and easy maintenance.

CIRCULATING PUMP

B-CONDENSE RH 25

B-CONDENSE RH 25 /B
B-CONDENSE RHR 25

MODELS	TYPE	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 30% Pn (50-30)
B-CONDENSE RH 25	Heating only	M210A001	26 kW	I	101,7 %	98,9 %
B-CONDENSE RH 25 /B	Heating only /B	M220A001	26 kW	I	101,7 %	98,9 %
B-CONDENSE RHR 25	Combi	M230A001	26 kW	I	101,7 %	98,9 %
B-CONDENSE RHA 25 /20	Storage	M250A001	26 kW	I	101,7 %	98,9 %

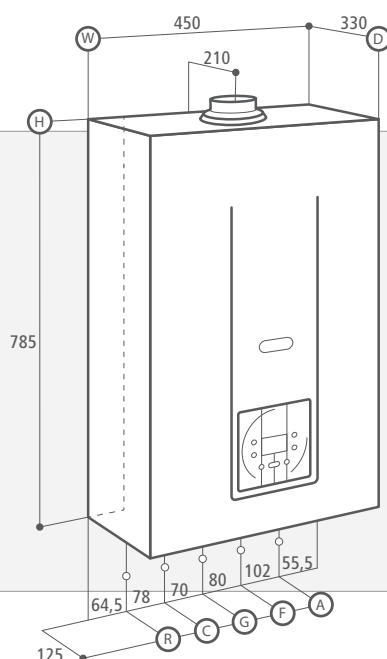
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

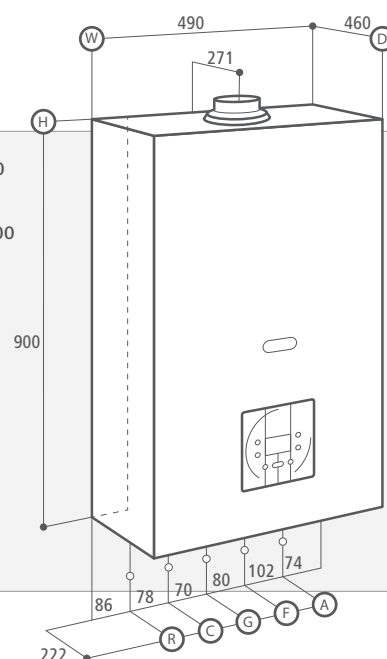
B-CONDENSE RHR 25

W X D X H 450 X 330 X 785

R: RETURN Ø 3/4"
 C: HOT WATER Ø 1/2"
 G: GAS Ø 3/4"
 F: COLD WATER Ø 1/2"
 A: INLET Ø 3/4"

**B-CONDENSE RHA 25 /20**

W X D X H 490 X 460 X 900



ACCESSORIES AND FLUE SYSTEMS

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LA	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00033	Supplement for higher head pump RSL 15/6 (only RH)
25-00034	Supplement for higher head pump RSL 15/7 (only RH)
FLUE SYSTEM	
82087LA	KIT K horizontal coaxial flue kit Ø 60/100 mm - Maximum length 3 mt
82086LA	KIT H horizontal twin pipe flue kit Ø 80/80 mm - Maximum length 24 mt
82091LA	KIT V vertical coaxial flue kit Ø 60/100 mm - Maximum length 3 mt
27079LA	Flue dumper PP Ø 80/80 mm

INDOOR

HEATING ONLY

COMFORT-TECH

RK

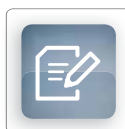
13/18/25/34 KW



★★★★ 92/42/CEE

IP X4D

PRODUCT PLUS

4 stars
efficiencyNOx
Class Vmemory
functioncompact
sizeease of
access

● Condensing wall hung gas boilers HEATING ONLY, available as 13-18-25 and 34 kW.

● Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.

● DIGITECH CS main P.C.B.

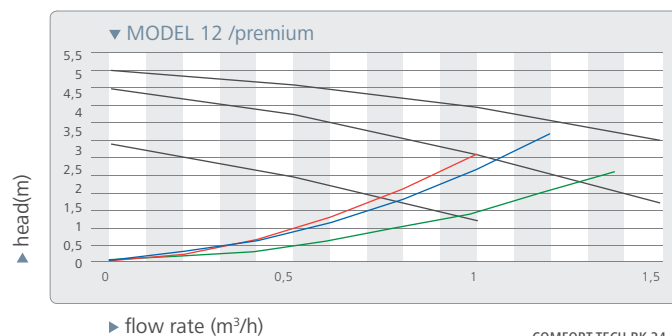
● Compact dimensions and easy maintenance.

PUMP PERFORMANCE

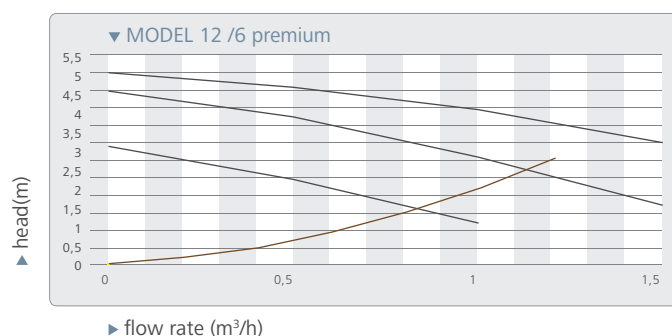
COMFORT-TECH RK 13

COMFORT-TECH RK 18

COMFORT-TECH RK 25



COMFORT-TECH RK 34



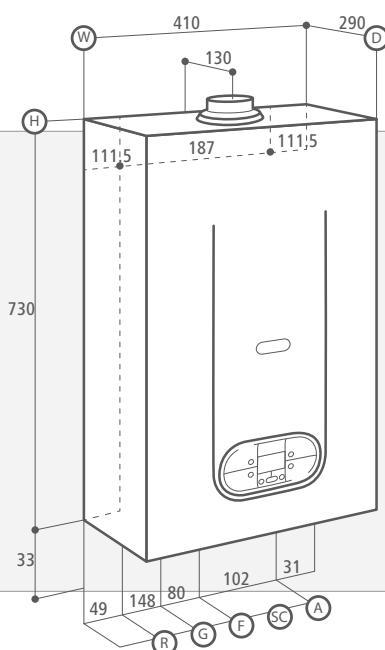
MODEL	NAT. GAS part number	HEATING Output	NOx CLASS	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 30% Pn (50-30)	EXPANSION VASSEL capacity
COMFORT-TECH RK 13	M280A001	13 kW	V	106,5 %	108,9 %	7 lt.
COMFORT-TECH RK 18	M280A002	18 kW	V	107 %	108,1 %	7 lt.
COMFORT-TECH RK 25	M280A003	25 kW	V	106,7 %	106,3 %	7 lt.
COMFORT-TECH RK 34	M280A004	34 kW	V	106,6 %	107,9 %	7 lt.

LPG part number: replace the letter **M** with the letter **G**

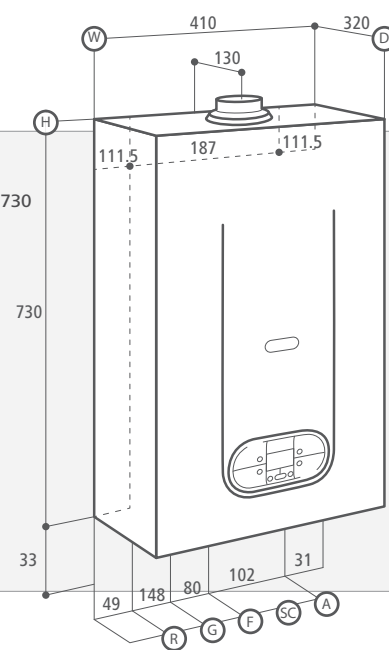
DIMENSIONS mm

COMFORT-TECH RK 13 - RK 18 - RK 25
W X D X H 410 X 290 X 730

R: RETURN Ø 3/4"
G: GAS Ø 1/2"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"
SC: CONDENSATE DRAIN Ø 25



COMFORT-TECH RK 34
W X D X H 410 X 320 X 730



ACCESSORIES AND FLUE SYSTEMS

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
52314LP	Fittings cover (RK 13 - RK 18 - RK 25)
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00340	Supplement for higher head pump MSL 12 /6 premium
25-00341	Supplement for higher head pump MSL 12 /7 premium
FLUE SYSTEM	
82087LA	KIT K horizontal coaxial flue kit Ø 60/100 mm - Maximum length 5mt 25 kW - 6mt 18 kW - 12 mt 13 kW
82086LA	KIT H horizontal twin pipe flue kit Ø 80/80 mm - Maximum length 50 mt
82091LA	KIT V vertical coaxial flue kit Ø 60/100 mm - Maximum length 5mt 25 kW - 6mt 18 kW - 12 mt 13 kW
82109LP	KIT AK 50 horizontal coaxial flue kit Ø 80/125 mm - Maximum length 8 mt 34 kW
27079LA	Flue dumper PP Ø 80/80 mm

INDOOR

HEATING ONLY

COMFORT-TECH

RK /B

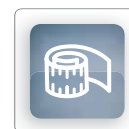
13 / 18 / 25 / 34 kW



★★★★ 92/42/CEE

IP X4D

PRODUCT PLUS

4 stars
efficiencyNO_x
Class Vmemory
functioncompact
sizeeasy of
accesssolar
integration

● Condensing wall hung gas boilers HEATING ONLY, equipped with a 3-ways-valve and fittings for an easy addition of an indirect tank. Available as 13-18-25 and 34 kW.

● Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.

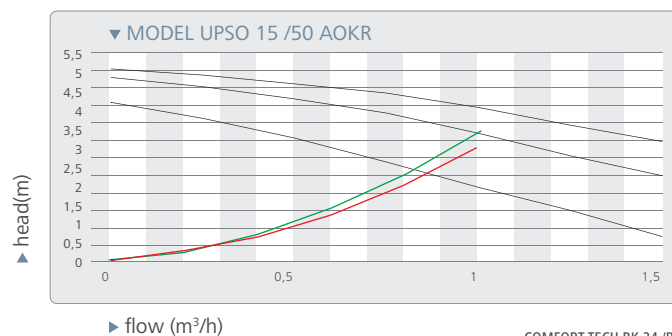
● DIGITECH CS main P.C.B.

● Compact dimensions and easy maintenance.

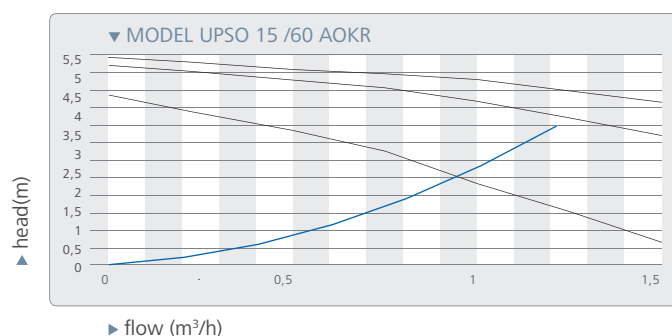
PUMP PERFORMANCE

COMFORT-TECH RK 18 /B

COMFORT-TECH RK 25 /B



COMFORT-TECH RK 34 /B



MODEL	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	EXPANSION vassel capacity
COMFORT-TECH RK 13 /B	M290A001	13 kW	V	106,5 %	108,9 %	7 liters
COMFORT-TECH RK 18 /B	M290A002	18 kW	V	107 %	108,1 %	7 liters
COMFORT-TECH RK 25 /B	M290A003	25 kW	V	106,7 %	106,3 %	7 liters
COMFORT-TECH RK 34 /B	M290A004	34 kW	V	106,6 %	107,9 %	7 liters

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

COMFORT-TECH RK 13 /B - RK 18 /B
RK 25 /B

W X D X H 410 X 290 X 730

R: RETURN Ø 3/4"

G: GAS Ø 1/2"

F: COLD WATER Ø 1/2"

A: INLET Ø 3/4"

RB: RETURN BOILER Ø 3/4"

AB: INLET BOILER Ø 3/4"

COMFORT-TECH RK 34 /B
W X D X H 410 X 320 X 730

W X D X H 410 X 320 X 730

ACCESSORIES AND FLUE SYSTEMS

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
52314LP	Fittings cover (RK 13 /B - RK 18 /B - RK 25 /B)
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00328	Supplement for higher head pump UPSO 15/60 AOKR
25-00329	Supplement for higher head pump UPSO 15/70 AOKR
FLUE SYSTEM	
82087LA	KIT K horizontal coaxial flue kit Ø 60/100 mm - Maximum length 5mt 25 kW - 6mt 18 kW - 12 mt 13 kW
82086LA	KIT H horizontal twin pipe flue kit Ø 80/80 mm - Maximum length 50 mt
82091LA	KIT V vertical coaxial flue kit Ø 60/100 mm - Maximum length 5mt 25 kW - 6mt 18 kW - 12 mt 13 kW
82109LP	KIT AK 50 horizontal coaxial flue kit Ø 80/125 mm - Maximum length 8 mt 34 kW
27079LA	Flue dumper PP Ø 80/80 mm

INDOOR

COMBI

COMBI-TECH

R2K

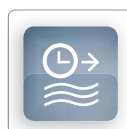
24 / 28 / 34 KW



★★★★ 92/42/CEE

IP X4D

PRODUCT PLUS

4 stars
efficiency3 stars sanitary
efficiencyenergy
classNO_x
class VH₂O
fastcompact
sizesolar
integrationnew
exchanger

NEW COMBI-TECH EXCHANGER



- New condensing wall hung gas boilers, heating and instantaneous D.H.W. production thru an integrated exchanger. Outputs 24, 28 and 34 kW.
- Units equipped with an exchanger 100% made in Radiant.
- New design, manometer included into the control panel to make it easier the readings.
- Side expansion tank (8 l.) to make it easier the maintenance.
- DIGITECH CS main P.C.B. Thicker insulation of the casing panels for a better thermal insulation.

● EASIER MAINTENANCE

● AMPLE COILS Ø28 mm

● 1/9 MODULATION

● ENHANCED NOISELESS

● ENERGY SAVINGS



MODEL	NAT. GAS part number	HEATING Output	NO _x Class	EFFICIENCY 100% P _n (50-30)	RENDIMENTO 30% P _n	SPECIFIC FLOW RATE Δt 30°C (l./min.)
COMBI-TECH R2K 24	M560A001	24 kW	V	107 %	107,5 %	11,5
COMBI-TECH R2K 28	M560A002	28 kW	V	107,3 %	107,8 %	13,2
COMBI-TECH R2K 34	M560A003	34 kW	V	107,4 %	107,7 %	16,7

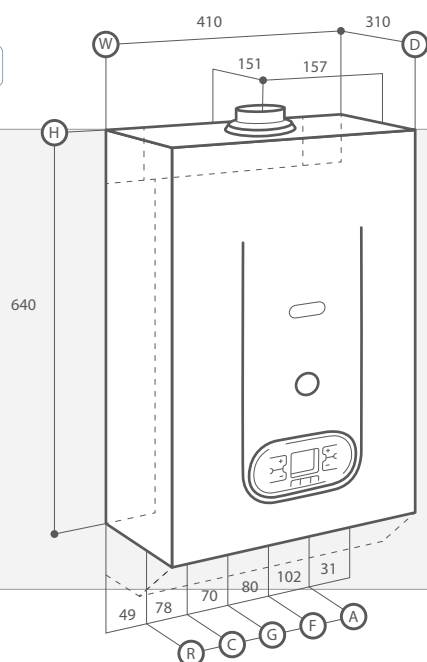
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

COMBI-TECH R2K 24-R2K 28

W X D X H 410 X 310 X 640

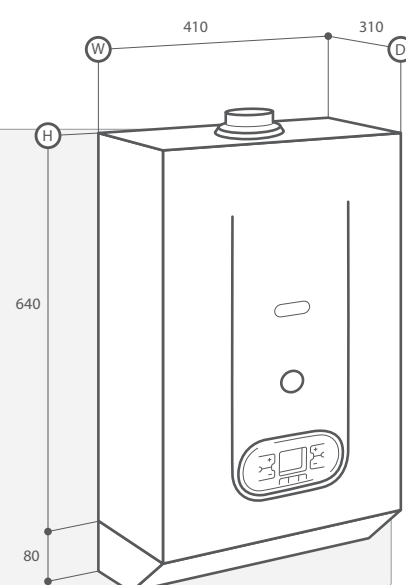
R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"



COMBI-TECH R2K 24 -R2K 28 COMPLETE WITH COVER *

W X D X H 410 X 310 X 720

*OPTIONAL



ACCESSORIES AND FLUE SYSTEMS

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
45-00036	Fittings cover protection (R2K 24 - R2K 28)
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00341	Supplement for higher head pump MSL 12/7 premium
25-00409	Electronic head pump PWM /7
FLUE SYSTEM	
82087LA	KIT K horizontal coaxial flue kit Ø 60/100 mm - Maximum length 5 mt 28 kW - 6 mt 24 kW
82086LA	KIT H horizontal twin pipe flue kit Ø 80/80 mm - Maximum length 50 mt
82091LA	KIT V vertical coaxial flue kit Ø 60/100 mm - Maximum length 5 mt 28 kW - 6 mt 24 kW
82109LP	KIT AK 50 horizontal coaxial flue kit Ø 80/125 mm - Maximum length 8 mt 34 kW
27079LA	Flue dumper PP Ø 80/80 mm

INDOOR

COMBI

COMFORT-TECH

RKR

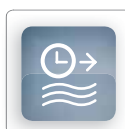
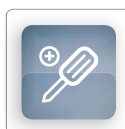
24 / 28 / 34 KW



★★★★ 92/42/CEE

IP X4D

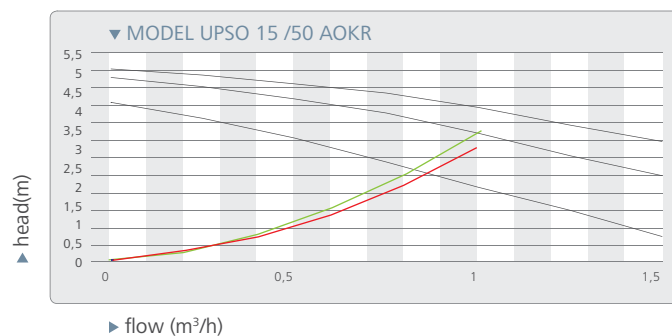
PRODUCT PLUS

4 stars
efficiency3 stars sanitary
efficiencymemory
functionNO_x
class VH₂O
fastbrass
componentsease of
access

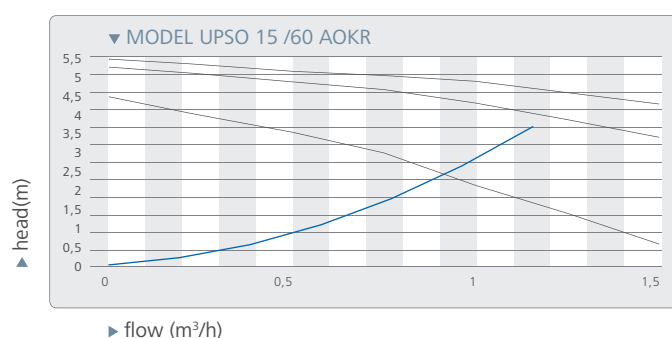
PUMP PERFORMANCE

COMFORT-TECH RKR 24

COMFORT-TECH RKR 28



COMFORT-TECH RKR 34



● Condensing wall hung gas boilers, heating and instantaneous D.H.W. production, available as 24-28 and 34 kW.

● Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.

● 3 stars sanitary efficiency. DIGITECH CS main P.C.B.

● Compact dimensions and easy maintenance.

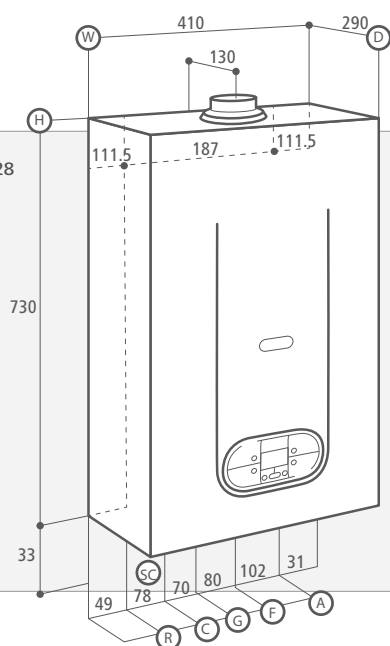
MODEL	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 30% Pn (50-30)	SPECIFIC flow rate Δt 30°C (l/min.)
COMFORT-TECH RKR 24	M310A001	24 kW	V	107 %	108,1 %	11
COMFORT-TECH RKR 28	M310A002	28 kW	V	106,7 %	106,3 %	13,4
COMFORT-TECH RKR 34	M310A003	34 kW	V	106,6 %	107,9 %	16

LPG part number: replace the letter **M** with the letter **G**

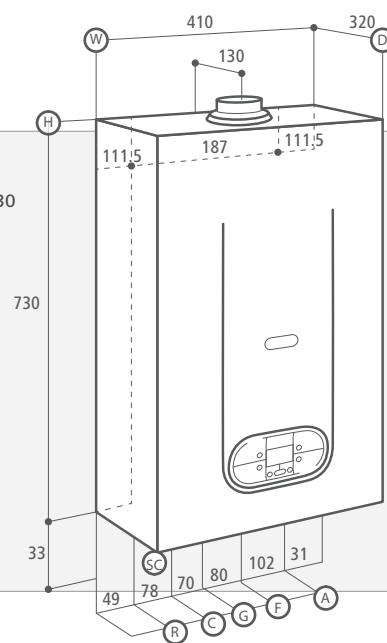
DIMENSIONS mm

COMFORT-TECH RKR 24 - RKR 28
W X D X H 410 X 290 X 730

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 1/2"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"
SC: CONDENSATE DRAIN Ø 1/2"



COMFORT-TECH RKR 34
W X D X H 410 X 320 X 730



ACCESSORIES AND FLUE SYSTEMS

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
52314LP	Fittings cover (RKR 24 - RKR 28)
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00328	Supplement for higher head pump UPSO 15/60 AOKR
25-00329	Supplement for higher head pump UPSO 15/70 AOKR
FLUE SYSTEM	
82087LA	KIT K horizontal coaxial flue kit Ø 60/100 mm - Maximum length 5 mt 28 kW - 6 mt 24 kW
82086LA	KIT H horizontal twin pipe flue kit Ø 80/80 mm - Maximum length 50 mt
82091LA	KIT V vertical coaxial flue kit Ø 60/100 mm - Maximum length 5 mt 28 kW - 6 mt 24 kW
82109LP	KIT AK 50 horizontal coaxial flue kit Ø 80/125 mm - Maximum length 8 mt 34 kW
27079LA	Flue dumper PP Ø 80/80 mm

INDOOR

STORAGE

MAXICOMFORT-TECH

RKA /8

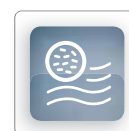
24 KW



★★★★ 92/42/CEE

IP X4D

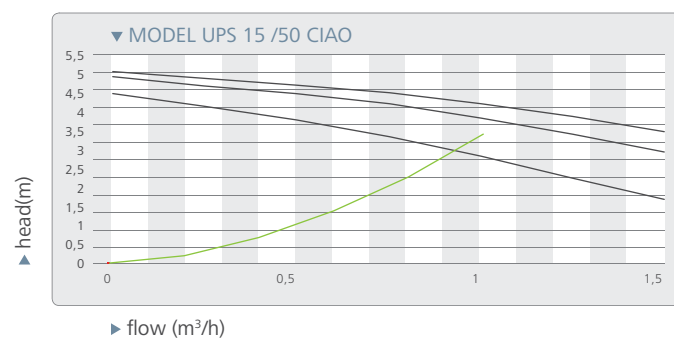
PRODUCT PLUS

4 stars
efficiency3 stars sanitary
efficiencymemory
functionNO_x
class Vease of
accesslegionella
prevention
system

- Condensing wall hung gas boiler, equipped with a micro storage tank ok 8 l. capacity.
- Available 24 kW.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.
- Duopass system: stunning sanitary performances, regardless the small dimensions.
- Stainless steel tank of 8 l. capacity.
- DIGITECH CS main P.C.B.
- 3 stars sanitary efficiency.

PUMP PERFORMANCE

MAXICOMFORT-TECH RKA 24 /8



MODEL	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	SPECIFIC flow rate $\Delta t 30^{\circ}\text{C}$ (l/10min.)
MAXICOMFORT-TECH RKA 24 /8	M320A001	24 kW	V	107 %	108,1 %	120

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

MAXICOMFORT-TECH RKA 24 /8

W X D X H 450 X 330 X 790

R: RETURN Ø 3/4"

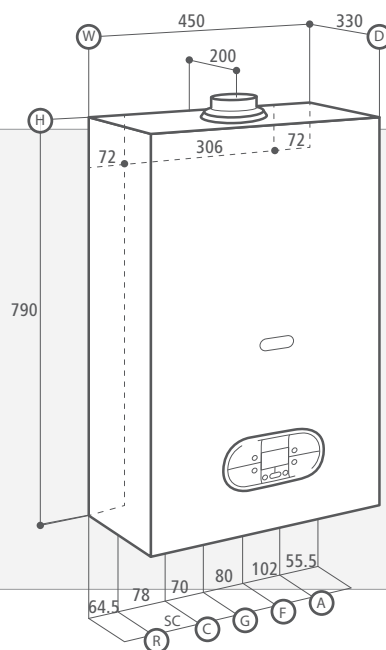
C: HOT WATER Ø 1/2"

G: GAS Ø 1/2"

F: COLD WATER Ø 1/2"

A: INLET Ø 3/4"

SC: CONDENSATE DRAIN Ø 25



ACCESSORIES AND FLUE SYSTEMS

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAGE 78)

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LA	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00035	Supplement for higher head pump UPS 15/60
25-00036	Supplement for higher head pump UPS 15/70
FLUE SYSTEM	
82087LA	KIT K horizontal coaxial flue kit Ø 60/100 mm - 6 mt 24 kW
82086LA	KIT H horizontal twin pipe flue kit Ø 80/80 mm - Maximum length 50 mt
82091LA	KIT V vertical coaxial flue kit Ø 60/100 mm - 6mt 24 kW
27079LA	Flue dumper PP Ø 80/80 mm

INDOOR

STORAGE

MAXICOMFORT-TECH

RKA /20

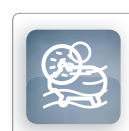
24 - 28 - 34 KW



★★★★ 92/42/CEE

IP X4D

PRODUCT PLUS

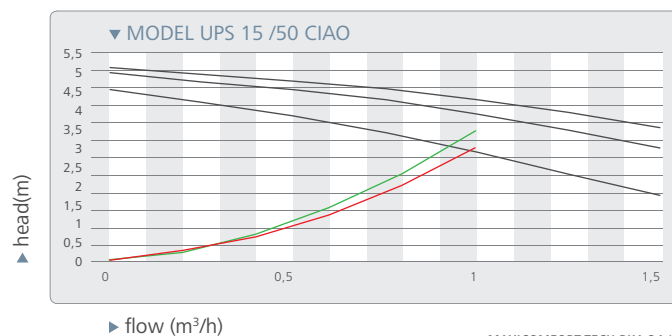
4 stars
efficiency3 stars sanitary
efficiencymemory
functionNO_x
class Vease of
accesslegionella
prevention
system

- Condensing wall hung gas boilers, equipped with a storage tank of 20 l. capacity.
- Available 24, 28 and 34 kW.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.
- Duopass system: stunning sanitary performances, regardless the small dimensions.
- Stainless steel tank of 20 l. capacity.
- DIGITECH CS main P.C.B. 3 stars sanitary efficiency.

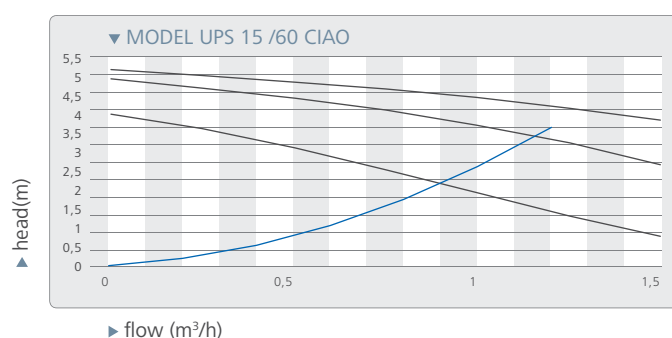
PUMP PERFORMANCE

MAXICOMFORT-TECH RKA 24 /20

MAXICOMFORT-TECH RKA 28 /20



MAXICOMFORT-TECH RKA 34 /20



MODEL	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	SPECIFIC flow rate $\Delta t 30^{\circ}\text{C}$ (l./10min.)
MAXICOMFORT-TECH RKA 24 /20	M330A001	24 kW	V	107 %	108,1 %	131
MAXICOMFORT-TECH RKA 28 /20	M330A002	28 kW	V	106,7 %	106,3 %	155
MAXICOMFORT-TECH RKA 34 /20	M330A003	34 kW	V	106,6 %	107,9 %	181

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

MAXICOMFORT-TECH
RKA 24 /20 - RKA 28 /20 - RKA 34 /20

W X D X H 490 X 480 X 900

R: RETURN Ø 3/4"

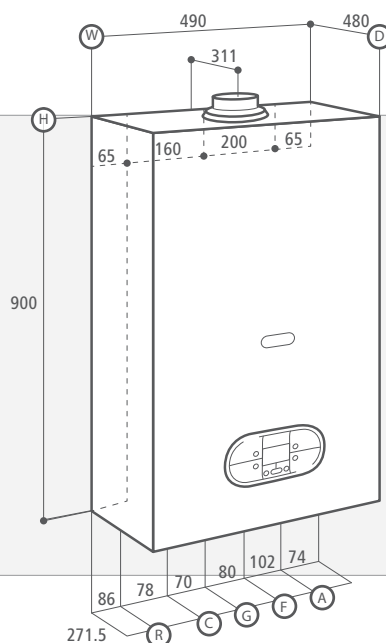
C: HOT WATER Ø 1/2"

G: GAS Ø 1/2"

F: COLD WATER Ø 1/2"

A: INLET Ø 3/4"

SC: CONDENSATE DRAIN Ø 25



ACCESSORIES AND FLUE SYSTEMS

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAGE 78)

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
52232LP	Fittings cover
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00035	Supplement for higher head pump UPS 15/60
25-00036	Supplement for higher head pump UPS 15/70
FLUE SYSTEM	
82087LA	KIT K horizontal coaxial flue kit Ø 60/100 mm - Maximum length 5 mt 28 kW - 6 mt 24 kW
82086LA	KIT H horizontal twin pipe flue kit Ø 80/80 mm - Maximum length 50 mt
82091LA	KIT V vertical coaxial flue kit Ø 60/100 mm - Maximum length 5 mt 28 kW - 6 mt 24 kW
82109LP	KIT AK 50 horizontal coaxial flue kit Ø 80/125 mm - Maximum length 8 mt 34 kW
27079LA	Flue dumper PP Ø 80/80 mm

INDOOR

STORAGE

MAXICOMFORT-TECH

RKA /20 2 V

24 - 28 - 34 KW

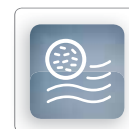
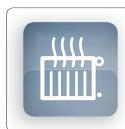


★★★★ 92/42/CEE



IP X4D

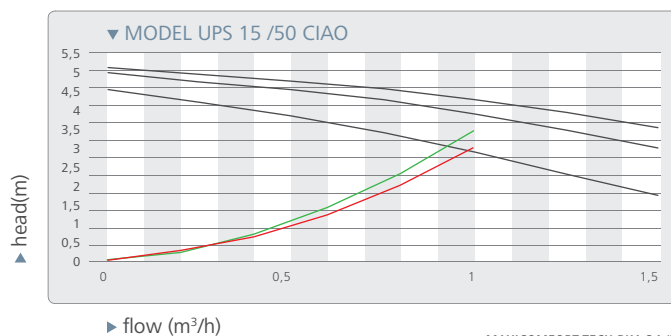
PRODUCT PLUS

4 stars
efficiency3 stars sanitary
efficiencymemory
functionNOx
class Vunderfloor
heating systemlegionella
prevention
systemheating
circuit

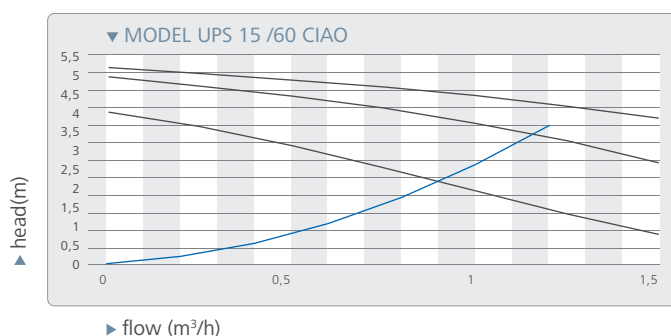
PUMP PERFORMANCE

MAXICOMFORT-TECH RKA 24 /20

MAXICOMFORT-TECH RKA 28 /20



MAXICOMFORT-TECH RKA 34 /20



- Condensing wall hung gas boilers, equipped with a storage tank of 20 l. capacity, integrated with 2 circuits system for high/low temperature, with 2 pumps and mixing valve

- Available 24, 28 and 34 kW.

- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.

- Duopass system: stunning sanitary performances, regardless the small dimensions.

- Stainless steel tank of 20 l. capacity.

- DIGITECH CS main P.C.B. 3 stars sanitary efficiency.

MODEL	NAT. GAS part number	HEATING Output	NO _x Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	SPECIFIC flow rate Δt 30°C (l/10min.)
MAXICOMFORT-TECH RKA 24 /20 2V	M380A001	24 kW	V	107 %	108,1 %	131
MAXICOMFORT-TECH RKA 28 /20 2V	M380A002	28 kW	V	106,7 %	106,3 %	155
MAXICOMFORT-TECH RKA 34 /20 2V	M380A003	34 kW	V	106,6 %	107,9 %	181

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

MAXICOMFORT-TECH

RKA 24 /20 2V - RKA 28 /20 2V - RKA 34 /20 2V

W X D X H 490 X 480 X 900

R(AT): RETURN Ø 3/4"

A(AT): INLET Ø 3/4"

C: HOT WATER Ø 1/2"

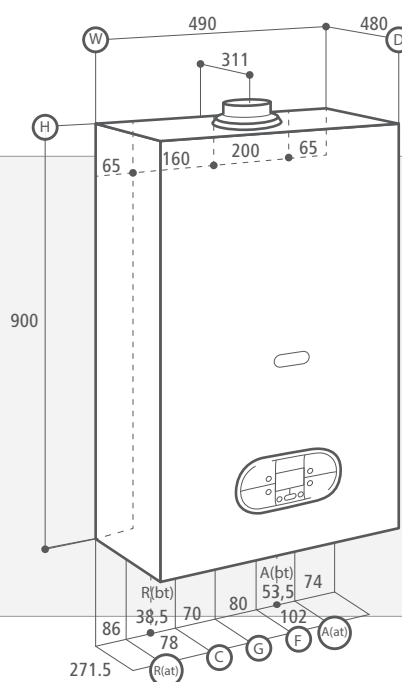
G: GAS Ø 1/2"

F: COLD WATER Ø 1/2"

R(BT): RETURN Ø 3/4"

A(BT): INLET Ø 3/4"

SC: CONDENSATE DRAIN Ø 25



ACCESSORIES AND FLUE SYSTEMS

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAGE 78)

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LP	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00035	Supplement for higher head pump UPS 15/60
25-00036	Supplement for higher head pump UPS 15/70
FLUE SYSTEM	
82087LA	KIT K horizontal coaxial flue kit Ø 60/100 mm - Maximum length 5 mt 28 kW - 6 mt 24 kW
82086LA	KIT H horizontal twin pipe flue kit Ø 80/80 mm - Maximum length 50 mt
82091LA	KIT V vertical coaxial flue kit Ø 60/100 mm - Maximum length 5 mt 28 kW - 6 mt 24 kW
82109LP	KIT AK 50 horizontal coaxial flue kit Ø 80/125 mm - Maximum length 8 mt 34 kW
27079LA	Flue dumper PP Ø 80/80 mm

INDOOR

HEATING ONLY
FLOOR STANDING

SUPREMA-TECH

RKG

13 - 18 - 25 - 34 kW



★★★★ 92/42/CEE

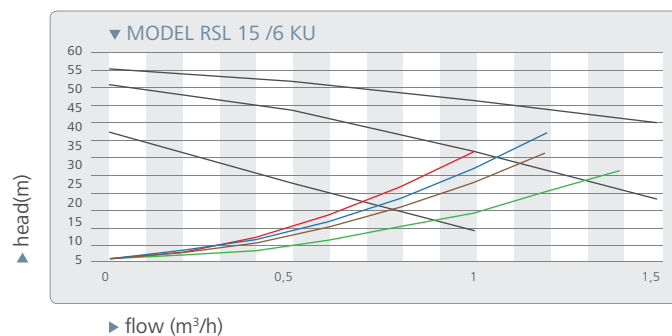
IP X4D

PRODUCT PLUS

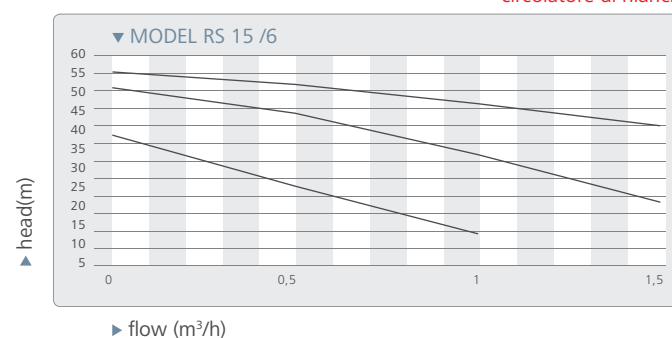
4 stars
efficiencyNO_x
class Vmemory
functioncompact
sizeease of
access

- Floor standing condensing gas boilers, HEATING ONLY, available as 13 – 18 – 25 and 34 kW.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.
- DIGITECH CS main P.C.B. Compact dimensions and easy maintenance.

PUMP PERFORMANCE

SUPREMA-TECH
RKG 13SUPREMA-TECH
RKG 18SUPREMA-TECH
RKG 25SUPREMA-TECH
RKG 34

circolatore di rilancio



MODEL	NAT. GAS part number	HEATING Output	NO _x Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	EXPANSION VASSEL capacity
SUPREMA-TECH RKG 13	M300A001	13 kW	V	106,5 %	108,9 %	10 liters
SUPREMA-TECH RKG 18	M300A002	18 kW	V	107 %	108,1 %	10 liters
SUPREMA-TECH RKG 25	M300A003	25 kW	V	106,7 %	106,3 %	10 liters
SUPREMA-TECH RKG 34	M300A004	34 kW	V	106,6 %	107,9 %	10 liters

LPG part number: replace the letter **M** with the letter **G**

COMPLETA DI CIRCOLATORE DI RILANCIO E SEPARATORE IDRAULICO

DIMENSIONS mm

SUPREMA-TECH
RKG 13 - RKG 18 - RKG 25 - RKG 34

W X D X H 450 X 656 X 845

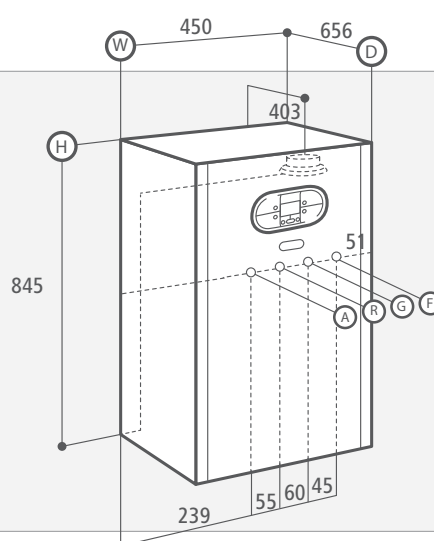
R: RETURN Ø 3/4"

G: GAS Ø 1/2"

F: COLD WATER Ø 1/2"

A: INLET Ø 3/4"

SC: CONDENSATE DRAIN Ø 25



ACCESSORIES AND FLUE SYSTEMS

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LP	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00034	Supplement for higher head pump RSL 15/7
FLUE SYSTEM	
82087LA	KIT K horizontal coaxial flue kit Ø 60/100 mm - Maximum length 5mt 25 kW - 6mt 18 kW - 12mt 13 kW
82086LA	KIT H horizontal twin pipe flue kit Ø 80/80 mm - Maximum length 50 mt
82091LA	KIT V vertical coaxial flue kit Ø 60/100 mm - Maximum length 5mt 25 kW - 6mt 18 kW - 12mt 13 kW
82109LP	KIT AK 50 horizontal coaxial flue kit Ø 80/125 mm - Maximum length 8 mt 34 kW
27079LA	Flue dumper PP Ø 80/80 mm

INDOOR

STORAGE
FLOOR STANDING

SUPREMA-TECH

RKA /40

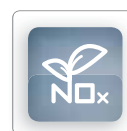
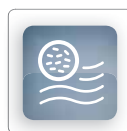
24 - 28 - 34 KW



★★★★ 92/42/CEE

IP X4D

PRODUCT PLUS

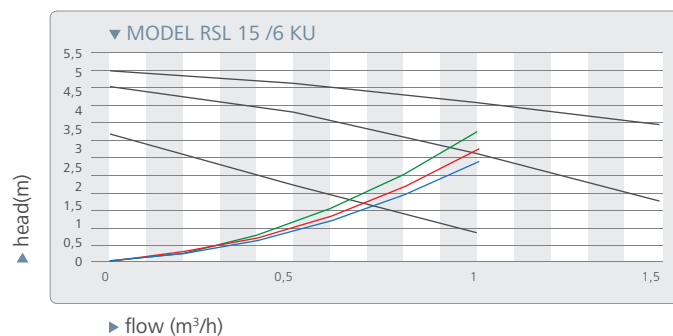
4 stars
efficiency3 stars sanitary
efficiencymemory
functionNO_x
class Vease of
accessdetrazione
fiscalelegionella
prevention
system

PUMP PERFORMANCE

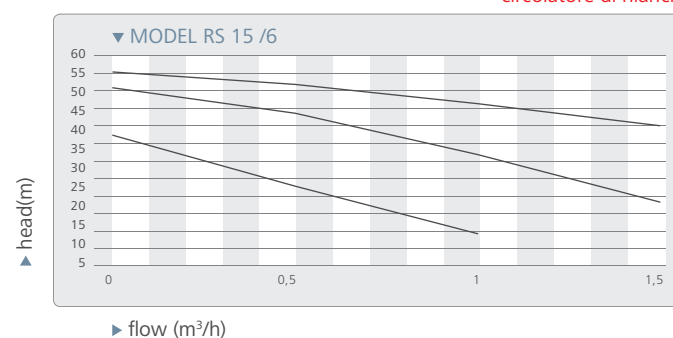
SUPREMA-TECH RKA 24 /40

SUPREMA-TECH RKA 28 /40

SUPREMA-TECH RKA 34 /40



circolatore di rilancio



- Floor standing condensing gas boilers, equipped with a 40 l. stainless steel STORAGE tank.
- Available as 24, 28, 34 kW.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.
- Duopass system: outstanding sanitary performances.
- DIGITECH CS main P.C.B. 3 stars sanitary efficiency.

MODEL	NAT. GAS part number	HEATING Output	NO _x Class	EFFICIENCY 100% P _n (50-30)	EFFICIENCY 100% P _n (50-30)	SPECIFIC flow rate Δt 30°C (l./10min.)
SUPREMA-TECH RKA 24 /40	M340A001	24 kW	V	107 %	108,1 %	166
SUPREMA-TECH RKA 28 /40	M340A002	28 kW	V	106,7 %	106,3 %	189
SUPREMA-TECH RKA 34 /40	M340A003	34 kW	V	106,6 %	107,9 %	275

LPG part number: replace the letter **M** with the letter **G**

COMPLETA DI CIRCOLATORE DI RILANCIO E SEPARATORE IDRAULICO

DIMENSIONS mm

SUPREMA-TECH

RKA 24 /40 - RKA 28 /40 - RKA 34 /40

W X D X H 600 X 656 X 845

R: RETURN Ø 3/4"

C: HOT WATER Ø 1/2"

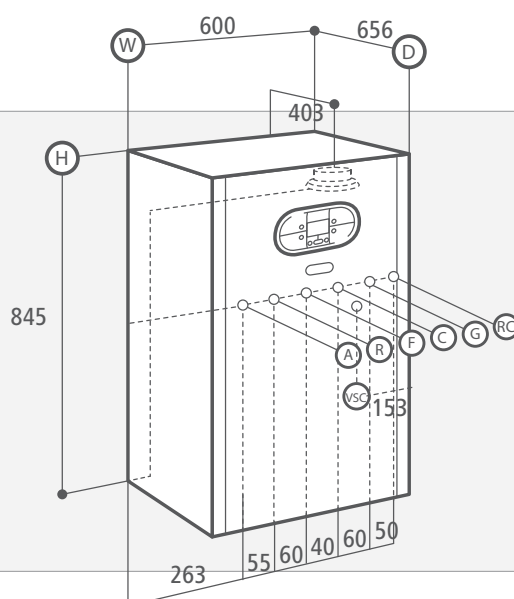
G: GAS Ø 3/4"

F: COLD WATER Ø 1/2"

A: INLET Ø 3/4"

RC: RICIRCOLO Ø 1/2"

VSC: SCARICO VALVOLA SICUREZZA Ø 1/2"



ACCESSORIES AND FLUE SYSTEMS

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAGE 78)

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LP	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00034	Supplement for higher head pump RSL 15/7
FLUE SYSTEM	
82087LA	KIT K horizontal coaxial flue kit Ø 60/100 mm - Maximum length 5mt 25 kW - 6mt 18 kW - 12mt 13 kW
82086LA	KIT H horizontal twin pipe flue kit Ø 80/80 mm - Maximum length 50 mt
82091LA	KIT V vertical coaxial flue kit Ø 60/100 mm - Maximum length 5mt 25 kW - 6mt 18 kW - 12mt 13 kW
82109LP	KIT AK 50 horizontal coaxial flue kit Ø 80/125 mm - Maximum length 8 mt 34 kW
27079LA	Flue dumper PP Ø 80/80 mm

INDOOR

FLOOR STANDING STORAGE

SUPREMA-TECH

RKA /100

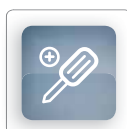
13 - 24 - 28 - 34 KW



★★★★ 92/42/CEE

IP X4D

PRODUCT PLUS

4 stars
efficiency3 stars sanitary
efficiencymemory
functionNOx
class Vease of
accesslegionella
prevention
system

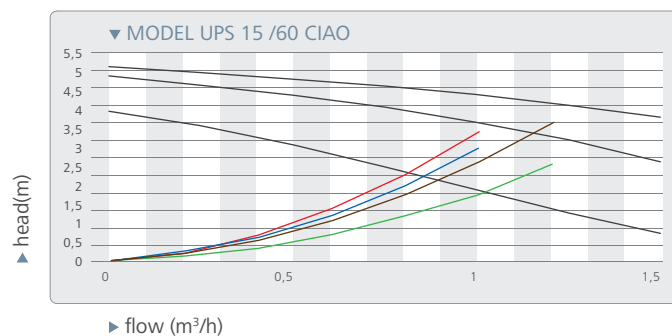
- Floor standing condensing gas boilers, equipped with a 100 l. stainless steel storage tank.
- Available as 13, 24, 28, 34 kW.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber, strengthened by stainless steel side panels and cold door for a better thermal insulation.
- Duopass system: outstanding sanitary performances.
- DIGITECH CS main P.C.B. 3 stars sanitary efficiency.

PUMP PERFORMANCE

SUPREMA-TECH RKA 13 /100

SUPREMA-TECH RKA 24 /100

SUPREMA-TECH RKA 28 /100



SUPREMA-TECH RKA 34 /100

MODEL	NAT. GAS part number	HEATING Output	NO _x Class	EFFICIENCY 100% P _n (50-30)	EFFICIENCY 100% P _n (50-30)	SPECIFIC flow rate Δt 30°C (l./10min.)
SUPREMA-TECH RKA 13 /100	M350A001	13 kW	V	106,5 %	108,9 %	184
SUPREMA-TECH RKA 24 /100	M350A002	24 kW	V	107 %	108,1 %	228
SUPREMA-TECH RKA 28 /100	M350A003	28 kW	V	106,7 %	106,3 %	250
SUPREMA-TECH RKA 34 /100	M350A004	34 kW	V	106,6 %	107,9 %	275

LPG part number: replace the letter **M** with the letter **G**

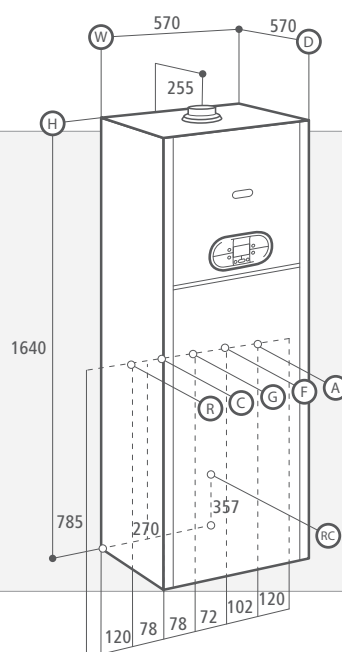
DIMENSIONS mm

SUPREMA-TECH

RKA 13 /100 - RKA 24 /100 - RKA 28 /100 - RKA 34 /100

W X D X H 570 X 570 X 1640

R: RETURN Ø 3/4"
C: HOT WATER Ø 3/4"
G: GAS Ø 1/2"
F: COLD WATER Ø 3/4"
A: INLET Ø 3/4"
RC: RICIRCOLO Ø 1/2"



ACCESSORIES AND FLUE SYSTEMS

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAGE 78)

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LP	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00036	Supplement for higher head pump UPS 15/70
FLUE SYSTEM	
82087LA	KIT K horizontal coaxial flue kit Ø 60/100 mm - Maximum length 5mt 25 kW - 6mt 18 kW - 12mt 13 kW
82086LA	KIT H horizontal twin pipe flue kit Ø 80/80 mm - Maximum length 50 mt
82091LA	KIT V vertical coaxial flue kit Ø 60/100 mm - Maximum length 5mt 25 kW - 6mt 18 kW - 12mt 13 kW
82109LP	KIT AK 50 horizontal coaxial flue kit Ø 80/125 mm - Maximum length 8 mt 34 kW
27079LA	Flue dumper PP Ø 80/80 mm

INDOOR

STORAGE FLOOR STANDING

SUPREMA-TECH

RKA /100 3 V

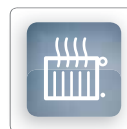
13 - 24 - 28 - 34 KW



★★★★ 92/42/CEE

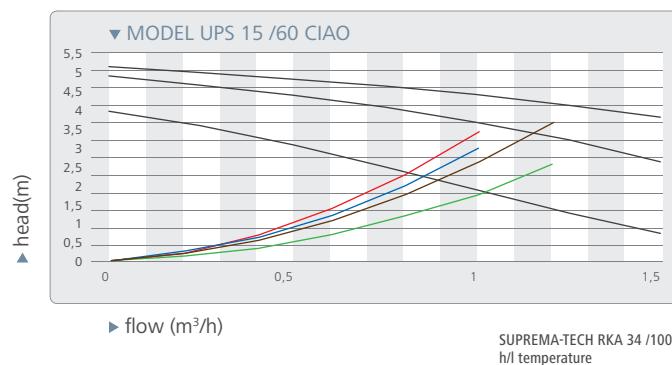
IP X4D

PRODUCT PLUS

4 stars
efficiency3 stars sanitary
efficiencymemory
functionNO_x
class Vunderfloor
heating systemlegionella
prevention
systemheating
circuit

- Floor standing condensing gas boilers, equipped with a 100 l. stainless steel STORAGE tank.
- Available as 13, 24, 28 and 34 kW aimed to high/low temperatures.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.
- Duopass system: outstanding sanitary performances.
- DIGITECH CS main P.C.B. 3 stars sanitary efficiency.

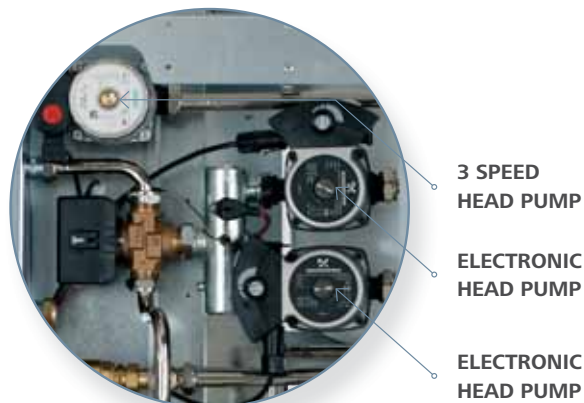
PUMP PERFORMANCE

SUPREMA-TECH RKA 13 /100
h/l temperatureSUPREMA-TECH RKA 24 /100
h/l temperatureSUPREMA-TECH RKA 28 /100
h/l temperature

MODEL	NAT. GAS part number	HEATING Output	NO _x Class	EFFICIENCY 100% P _n (50-30)	EFFICIENCY 100% P _n (50-30)	SPECIFIC flow rate Δt 30°C (l./10min.)
SUPREMA-TECH RKA 13 /100	M390A001	13 kW	V	106,5 %	108,9 %	184
SUPREMA-TECH RKA 24 /100	M390A002	24 kW	V	107 %	108,1 %	228
SUPREMA-TECH RKA 28 /100	M390A003	28 kW	V	106,7 %	106,3 %	250
SUPREMA-TECH RKA 34 /100	M390A004	34 kW	V	106,6 %	107,9 %	275
KITS FOR COUPLING HIGH/LOW TEMPERATURE				PART NUMBER		
KIT MULTIZONE - 2 HIGH TEMPERATURE				S430A001		
KIT MULTIZONE - 3 HIGH TEMPERATURE				S430A002		
KIT MULTIZONE - 1 HIGH TEMPERATURE + 1 LOW TEMPERATURE				S430A003		
KIT MULTIZONE - 2 HIGH TEMPERATURE + 1 LOW TEMPERATURE				S430A004		
KIT MULTIZONE - 1 HIGH TEMPERATURE + 2 LOW TEMPERATURE				S430A005		

LPG part number: replace the letter **M** with the letter **G**

- **ALL INCLUSIVE** integrated system for high and low temperatures.
- The boiler **runs internally no. 3 independent zones**, without adding any hydraulics.
- **High or medium temperature** for radiators or fan coils.
- **Low temperature** for underfloor heating.
- STORAGE c/w **100 l. stainless steel tank**



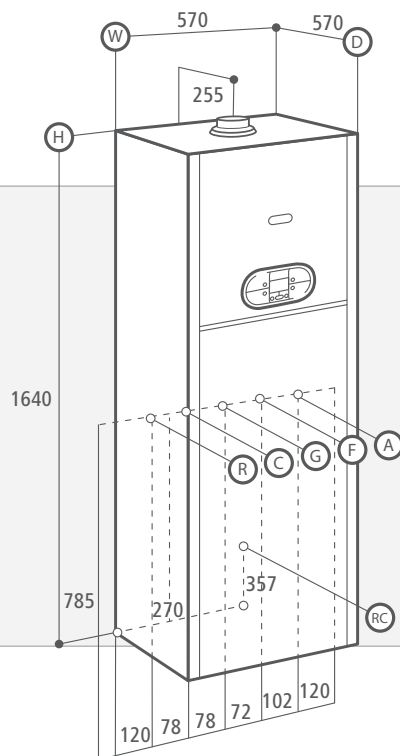
WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAGE 78)

DIMENSIONS mm

SUPREMA-TECH HIGH / LOW TEMPERATURE
RKA 13 /100 - RKA 24 /100 - RKA 28 /100 - RKA 34 /100

W X D X H 570 X 570 X 1640

R: RETURN Ø 3/4"
C: HOT WATER Ø 3/4"
G: GAS Ø 1/2"
F: COLD WATER Ø 3/4"
A: INLET Ø 3/4"
RC: RICIRCULATION Ø 1/2"



OUTDOOR

HEATING ONLY

COMFORT-TECH RAIN

RK

13 - 18 - 25 - 34 KW



★★★★ 92/42/CEE

IP X5D

PRODUCT PLUS



4 stars
efficiency



rain
protection



memory
function



NO_x
class V



ease of
access



compact
size



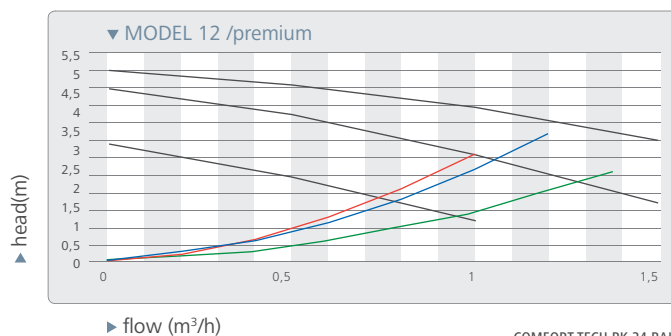
- Outdoor condensing wall hung gas boilers, heating only, equipped as standard with an ABS made cabinet as standard.
- Available as 13, 18, 25 and 34 kW.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.
- DIGITECH CS main P.C.B. Compact dimensions and easy maintenance.

PUMP PERFORMANCE

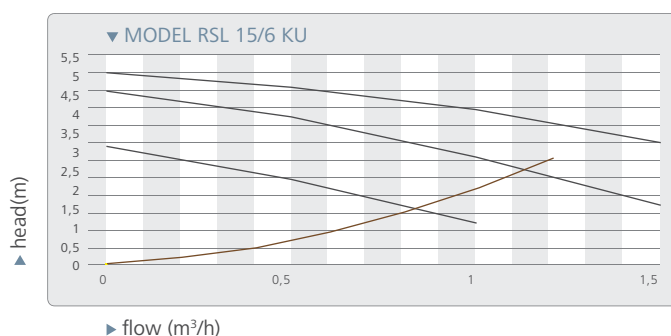
COMFORT-TECH RK 13 RAIN

COMFORT-TECH RK 18 RAIN

COMFORT-TECH RK 25 RAIN



COMFORT-TECH RK 34 RAIN



MODEL	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	EXPANSION vessel capacity
COMFORT-TECH RK 13 RAIN	M280B001	13 kW	V	106,5 %	108,9 %	7 liters
COMFORT-TECH RK 18 RAIN	M280B002	18 kW	V	107 %	108,1 %	7 liters
COMFORT-TECH RK 25 RAIN	M280B003	25 kW	V	106,7 %	106,3 %	7 liters
COMFORT-TECH RK 34 RAIN	M280B004	34 kW	V	106,6 %	107,9 %	7 liters

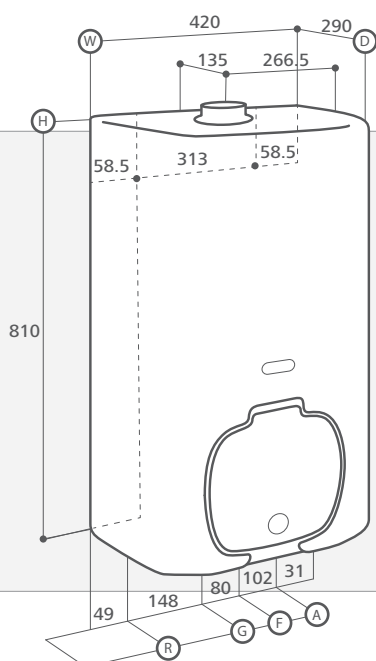
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

COMFORT-TECH RK 13 - RK 18
RK 25 RAIN

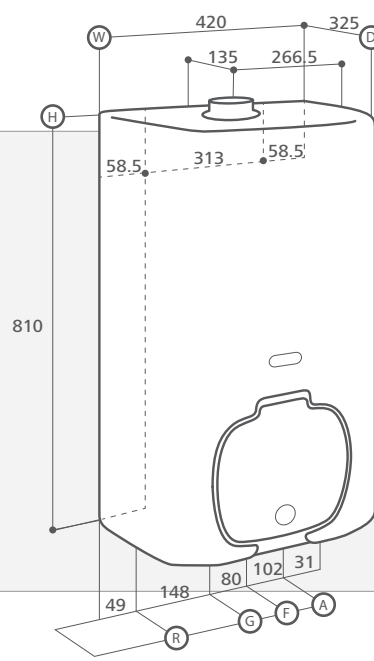
W X D X H 420 X 290 X 810

R: RETURN Ø 3/4"
G: GAS Ø 1/2"
F: COLD WATER Ø 3/4"
A: INLET Ø 3/4"



COMFORT-TECH RK 34
RAIN

W X D X H 420 X 325 X 810



ACCESSORIES AND FLUE SYSTEMS

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LA	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00340	Supplement for higher head pump MSL 12/6 premium
25-00341	Supplement for higher head pump MSL 12/7 premium
FLUE SYSTEM	
82244LP	KIT RAIN horizontal pipe Ø 80 mm - Maximum length 25 mt
82246LP	KIT L vertical pipe Ø 80 mm - Maximum length 15 mt
52614LP	Vertical adapter KIT Ø 80 mm
82259LP	Frost protection KIT

OUTDOOR

COMBINATION INSTANTANEOUS

COMFORT-TECH RAIN

RKR

24 - 28 - 34 KW



★★★★ 92/42/CEE

IP X5D

PRODUCT PLUS



4 stars
efficiency



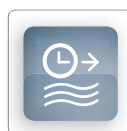
rain
protection



memory
function



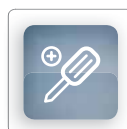
NO_x
class V



H₂O
fast



compact
size

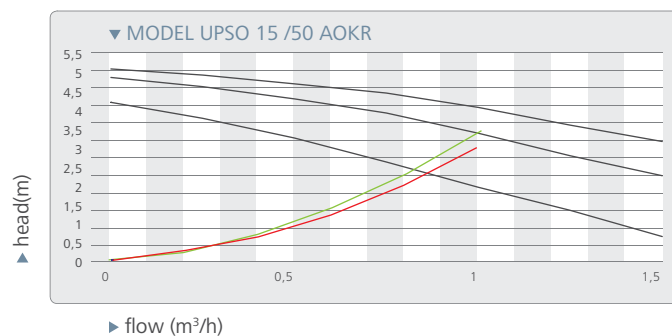


ease of
access

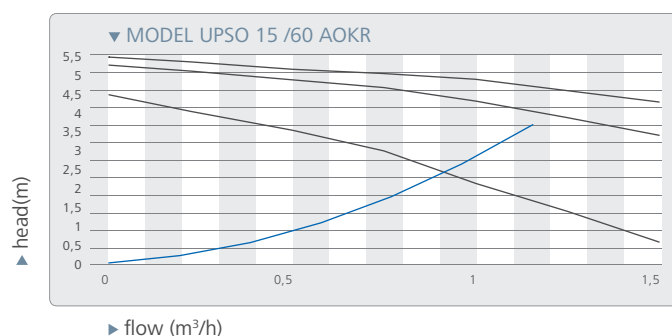
PUMP PERFORMANCE

COMFORT-TECH RKR 24 RAIN

COMFORT-TECH RKR 28 RAIN



COMFORT-TECH RKR 34 RAIN



● Outdoor condensing wall hung gas boilers, heating and instantaneous D.H.W. production, equipped with an ABS made cabinet as standard.

● Available as 24, 28 and 34 kW.

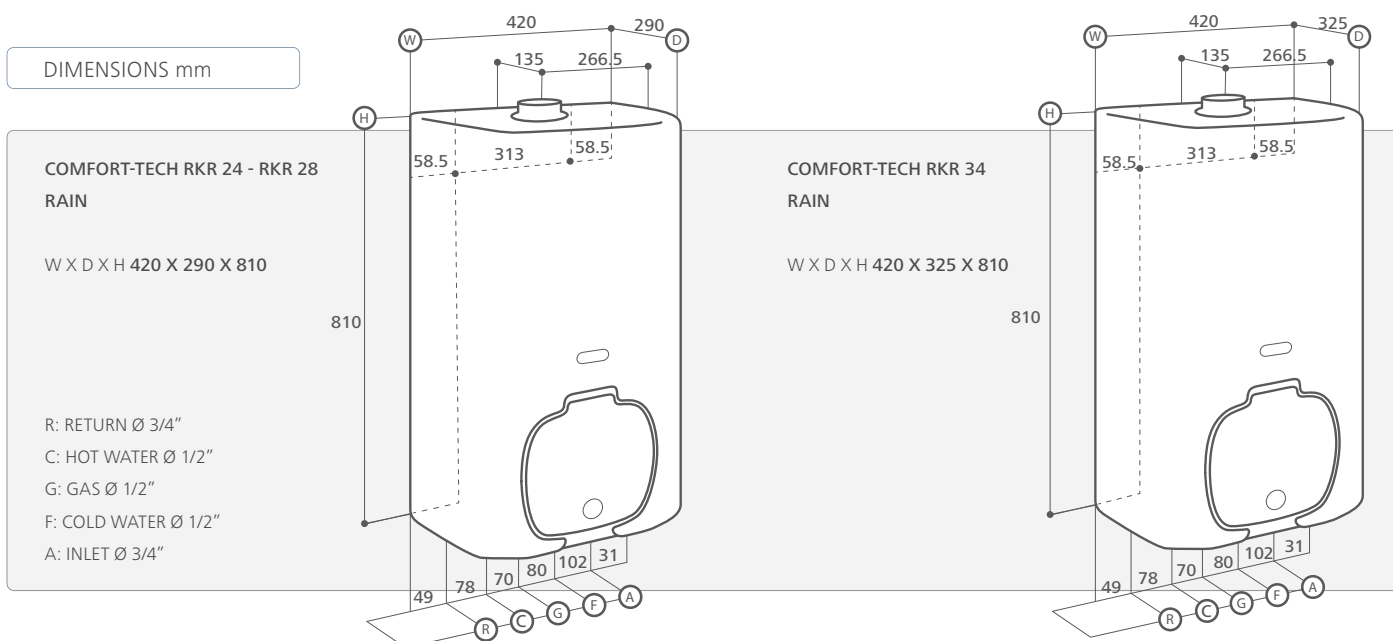
● Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.

● DIGITECH CS main P.C.B. Compact dimensions and easy maintenance.

MODEL	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	SPECIFIC flow rate Δt 30°C (l/min.)
COMFORT-TECH RKR 24 RAIN	M310B001	24 kW	V	107 %	108,1 %	11
COMFORT-TECH RKR 28 RAIN	M310B002	28 kW	V	106,7 %	106,3 %	13,4
COMFORT-TECH RKR 34 RAIN	M310B003	34 kW	V	106,6 %	107,9 %	16

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm



ACCESSORIES AND FLUE SYSTEMS

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LA	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00328	Supplement for higher head pump UPSO 15/60 AOKR
25-00329	Supplement for higher head pump UPSO 15/70 AOKR
FLUE SYSTEM	
82244LP	KIT RAIN horizontal pipe Ø 80 mm - Maximum length 25 mt
82246LP	KIT L vertical pipe Ø 80 mm - Maximum length 15 mt
52614LP	Vertical adapter KIT Ø 80 mm
82259LP	Frost protection KIT

INBOX

POST CONDENSING

B-CONDENSE

HIGH TEMPERATURE

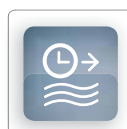
26 KW



★★★★ 92/42/CEE

IP X4D

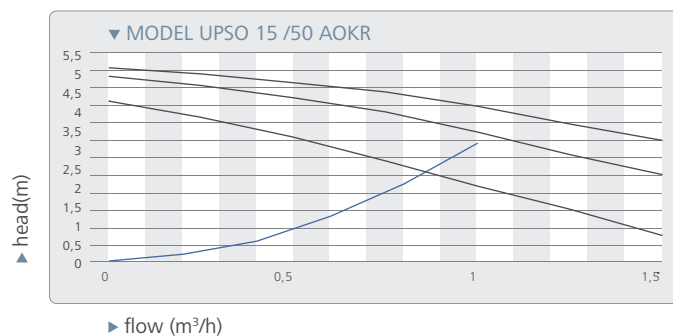
PRODUCT PLUS

4 stars
efficiencycompact
sizememory
functionbrass
components
(RHR)H2O
fastease of
access

- Post condensing wall hung gas boilers, for high temperature installations. Outdoor units c/w BOX to protect from weathering.
- Heating only and combi.
- Output 26 kW for the heating only.
- Equipped with a smokes recuperator which leads to higher efficiencies.
- DIGITECH TR main P.C.B. Compact dimensions and easy maintenance.

PUMP PERFORMANCE

B-CONDENSE RHR 25 BOX



MODEL	TYPE	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)
B-CONDENSE RH 25 /B BOX	Heating only	M220C001	26 kW	I	101,7 %	98,9 %
B-CONDENSE RHR 25 BOX	Combination	M230C002	26 kW	I	101,7 %	98,9 %

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

B-CONDENSE RH 25 /B - RHR 25 BOX

W X D X H 570 X 270 X 1230

R: RETURN Ø 3/4"

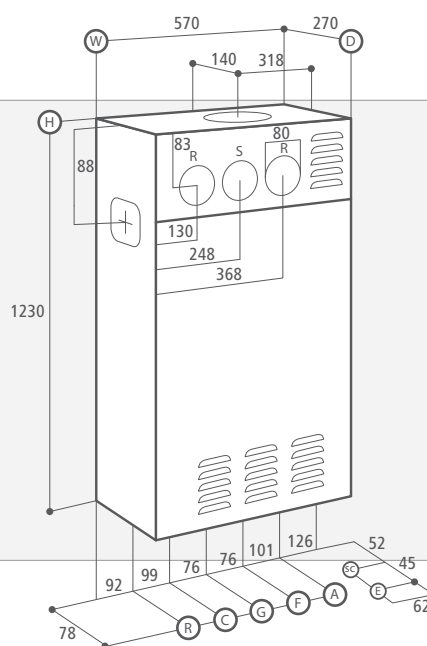
C: HOT WATER Ø 1/2"

G: GAS Ø 1/2"

F: COLD WATER Ø 1/2"

A: INLET Ø 3/4"

SC: CONDENSATE DRAIN Ø 25



ACCESSORIES AND FLUE SYSTEMS

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LA	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00328	Supplement for higher head pump UPSO 15/60 AOKR
25-00329	Supplement for higher head pump UPSO 15/70 AOKR
FLUE SYSTEM	
82099LP	KIT BOX 2 horizontal pipe Ø 80 mm - Maximum length 25 mt
27079LA	Flue dumper PP Ø 80/80 mm
51038LP	Box assembly (LxPxH = 570x270x1230 mm)
82259LP	Frost protection KIT

INBOX

HEATING ONLY

COMFORT-TECH BOX

RK

13 - 18 - 25 KW



★★★★ 92/42/CEE

IP X4D

PRODUCT PLUS

4 stars
efficiencyNO_x
class Vmemory
functioncompact
sizeease of
access

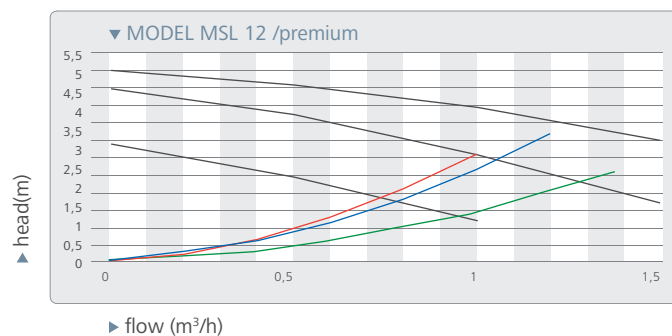
- Condensing gas boilers, HEATING ONLY.
- Outdoor units c/w BOX to protect from weathering.
- Available as 13, 18, 25 kW.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.
- DIGITECH CS main P.C.B. Compact dimensions and easy maintenance.

PUMP PERFORMANCE

COMFORT-TECH RK 13 BOX

COMFORT-TECH RK 18 BOX

COMFORT-TECH RK 25 BOX



MODEL	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	EXPANSION vessel capacity
COMFORT-TECH RK 13 BOX	M280C001	13 kW	V	106,5 %	108,9 %	7 liters
COMFORT-TECH RK 18 BOX	M280C002	18 kW	V	107 %	108,1 %	7 liters
COMFORT-TECH RK 25 BOX	M280C003	25 kW	V	106,7 %	106,3 %	7 liters

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

COMFORT TECH RK 13 - RK 18 - RK 25 BOX

W X D X H 570 X 270 X 1230

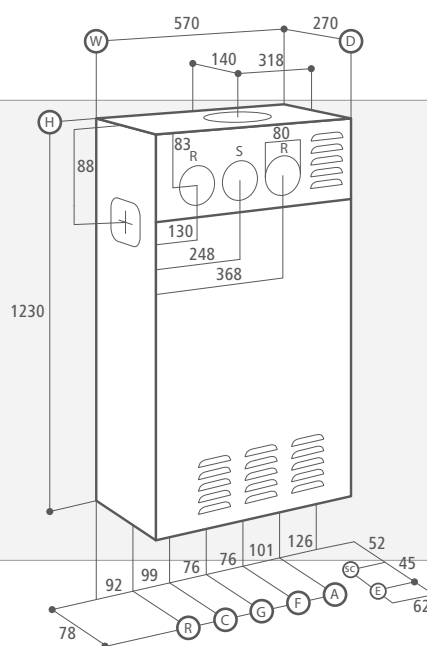
R: RETURN Ø 3/4"

G: GAS Ø 1/2"

F: COLD WATER Ø 1/2"

A: INLET Ø 3/4"

SC: CONDENSATE DRAIN Ø 25



ACCESSORIES AND FLUE SYSTEMS

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LA	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00340	Supplement for higher head pump MSL 12/6 premium
25-00341	Supplement for higher head pump MSL 12/7 premium
FLUE SYSTEM	
82099LP	KIT BOX 2 horizontal pipe Ø 80 mm - Maximum length 25 mt
27079LA	Flue dumper PP Ø 80/80 mm
51038LP	Box assembly (LxPxH = 570x270x1230 mm)
82259LP	Frost protection KIT

INBOX

HEATING ONLY

COMFORT-TECH BOX

RK /B INDIRECT STORAGE
CYLINDER

13 - 18 - 25 KW



★★★★ 92/42/CEE

IP X4D

PRODUCT PLUS

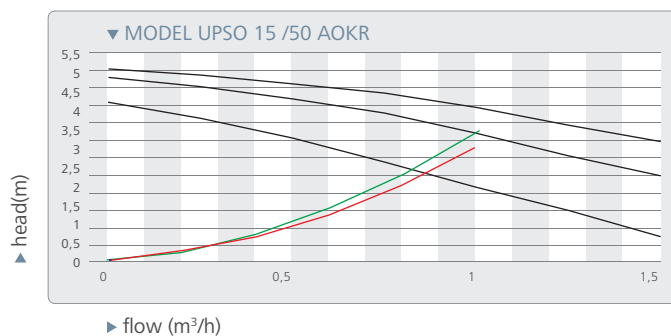
4 stars
efficiencyNO_x
class Vmemory
functioncompact
sizeease of
accesssolar
integration

- Condensing gas boilers, HEATING ONLY, for an easy addition of an indirect tank.
- Outdoor units c/w BOX to protect from weathering.
- Available as 13, 18, 25 kW.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.
- DIGITECH CS main P.C.B. Compact dimensions and easy maintenance.

PUMP PERFORMANCE

COMFORT-TECH RK 18 /B BOX

COMFORT-TECH RK 25 /B BOX



MODEL	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	EXPANSION vessel capacity
COMFORT-TECH RK 13 /B BOX	M290C001	13 kW	V	106,5 %	108,9 %	7 liters
COMFORT-TECH RK 18 /B BOX	M290C002	18 kW	V	107 %	108,1 %	7 liters
COMFORT-TECH RK 25 /B BOX	M290C003	25 kW	V	106,7 %	106,3 %	7 liters

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

**COMFORT TECH RK 13 /B - RK 18 /B - RK 25 /B
BOX**

W X D X H 570 X 270 X 1230

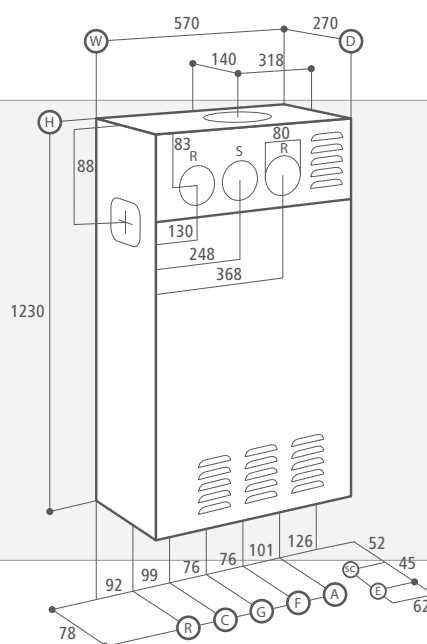
R: RETURN Ø 3/4"

G: GAS Ø 1/2"

F: COLD WATER Ø 1/2"

A: INLET Ø 3/4"

SC: CONDENSATE DRAIN Ø 25



ACCESSORIES AND FLUE SYSTEMS

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LA	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00328	Supplement for higher head pump UPSO 15/60 AOKR
25-00329	Supplement for higher head pump UPSO 15/70 AOKR
FLUE SYSTEM	
82099LP	KIT BOX 2 horizontal pipe Ø 80 mm - Maximum length 25 mt
27079LA	Flue dumper PP Ø 80/80 mm
51038LP	Box assembly (LxPxH = 570x270x1230 mm)
82259LP	Frost protection KIT

INBOX

COMBI

COMFORT-TECH BOX

RKR

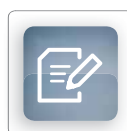
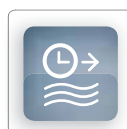
24 - 28 kW



★★★★ 92/42/CEE

IP X4D

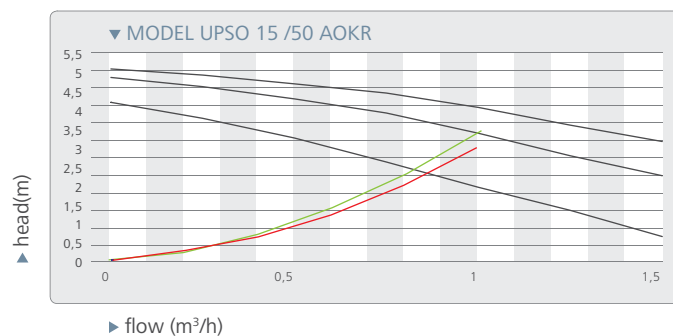
PRODUCT PLUS

4 stars
efficiency3 stars sanitary
efficiencymemory
functionNO_x
class VH₂O
fastbrass
componentsease of
access

PUMP PERFORMANCE

COMFORT-TECH RKR 24 BOX

COMFORT-TECH RKR 28 BOX



- Condensing gas boilers, heating and instantaneous D.H.W. production.
- Outdoor units c/w BOX to protect from weathering.
- Available as 24 and 28 kW.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.
- DIGITECH CS main P.C.B.
- Compact dimensions and easy maintenance. 3 stars sanitary efficiency.

MODEL	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	SPECIFIC flow rate $\Delta t 30^{\circ}\text{C}$ (l./min.)
COMFORT-TECH RKR 24 BOX	M310C001	24 kW	V	107 %	108,1 %	11
COMFORT-TECH RKR 28 BOX	M310C002	28 kW	V	106,7 %	106,3 %	13,4

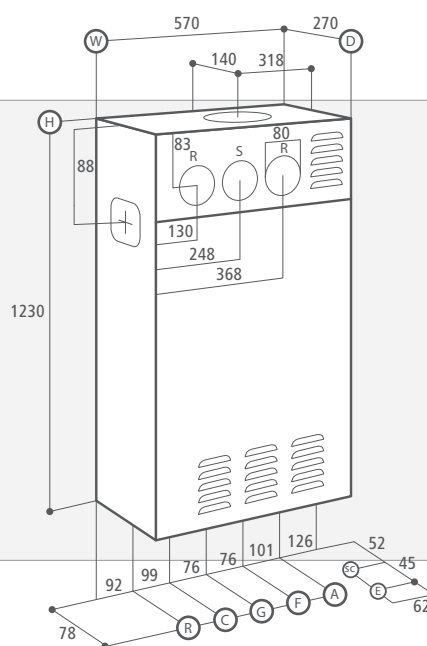
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

COMFORT TECH RKR 24 - RKR 28 BOX

W X D X H 570 X 270 X 1230

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 1/2"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"
SC: CONDENSATE DRAIN Ø 25



ACCESSORIES AND FLUE SYSTEMS

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LA	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00328	Supplement for higher head pump UPSO 15/60 AOKR
25-00329	Supplement for higher head pump UPSO 15/70 AOKR
FLUE SYSTEM	
82099LP	KIT BOX 2 horizontal pipe Ø 80 mm - Maximum length 25 mt
27079LA	Flue dumper PP Ø 80/80 mm
51038LP	Box assembly (LxPxH = 570x270x1230 mm)
82259LP	Frost protection KIT

INBOX

STORAGE

MAXICOMFORT-TECH BOX

RKA /8

24 - 28 kW



★★★★ 92/42/CEE

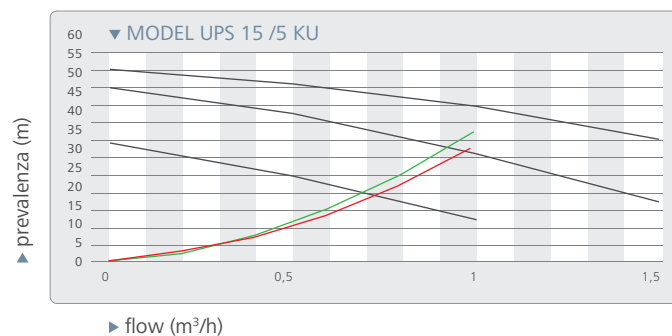
IP X4D

PRODUCT PLUS

4 stars
efficiency3 stars sanitary
efficiencymemory
functionNO_x
class Vease of
accesslegionella
prevention system

- Condensing gas boilers, heating and D.H.W. production thru a storage tank of 8 l.
- Outdoor units c/w BOX to protect from weathering.
- Available as 24 and 28 kW.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.
- DIGITECH CS main P.C.B.
- Compact dimensions and easy maintenance.
- 3 stars sanitary efficiency.

PUMP PERFORMANCE

MAXICOMFORT-TECH RKA
24 /8 BOXMAXICOMFORT-TECH RKA
28 /8 BOX

MODEL	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	SPECIFIC flow rate $\Delta t 30^{\circ}\text{C}$ (l./10min.)
MAXICOMFORT-TECH RKA 24 /8 BOX	M320C001	24 kW	V	107 %	108,1 %	120
MAXICOMFORT-TECH RKA 28 /8 BOX	M320C002	28 kW	V	106,7 %	106,3 %	144

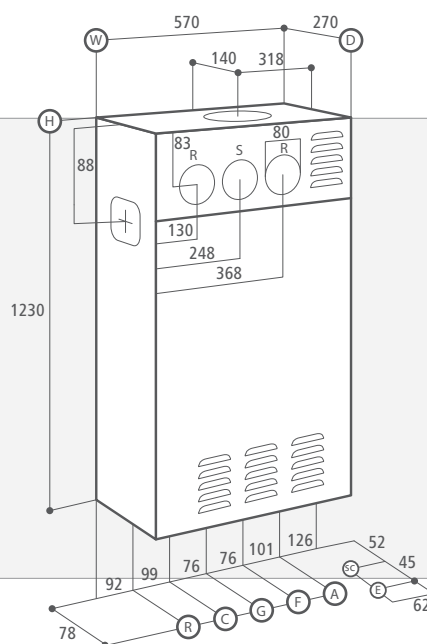
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

MAXICOMFORT-TECH RKA 24 /8 - RKA 28 /8 BOX

W X D X H 570 X 270 X 1230

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 1/2"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"
SC: CONDENSATE DRAIN Ø 25



ACCESSORIES AND FLUE SYSTEMS

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAGE 78)

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LA	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00033	Supplement for higher head pump RSL 15/6
25-00034	Supplement for higher head pump RSL 15/7
FLUE SYSTEM	
82099LP	KIT BOX 2 horizontal pipe Ø 80 mm - Maximum length 25 mt
27079LA	Flue dumper PP Ø 80/80 mm
51038LP	Box assembly (LxPxH = 570x270x1230 mm)
82259LP	Frost protection KIT

INBOX

STORAGE

MAXICOMFORT-TECH BOX

RKA /20

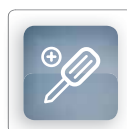
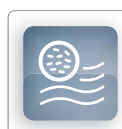
24 - 28 KW



★★★★ 92/42/CEE

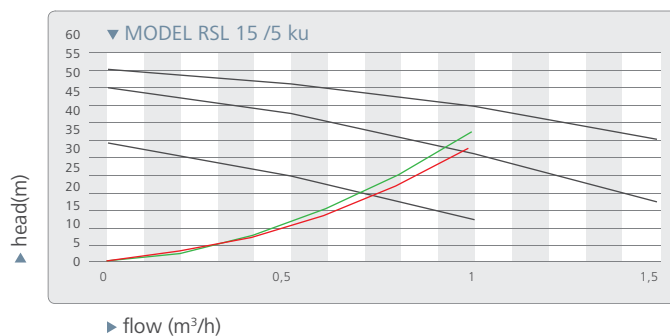
IP X4D

PRODUCT PLUS

4 stars
efficiency3 stars sanitary
efficiencymemory
functionNO_x
class Vease of
accesslegionella
prevention
system

- Condensing gas boilers, heating and D.H.W. production thru a storage tank of 20 l.
- Outdoor units c/w BOX to protect from weathering. Available as 24 and 28 kW.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.
- DIGITECH CS main P.C.B.
- Compact dimensions and easy maintenance.
- 3 stars sanitary efficiency.

PUMP PERFORMANCE

MAXICOMFORT-TECH RKA
24 /20 BOXMAXICOMFORT-TECH RKA
28 /20 BOX

MODEL	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	SPECIFIC flow rate $\Delta t 30^{\circ}\text{C}$ (l./10min.)
MAXICOMFORT-TECH RKA 24 /20 BOX	M330C001	24 kW	V	107 %	108,1 %	131
MAXICOMFORT-TECH RKA 28 /20 BOX	M330C002	28 kW	V	106,7 %	106,3 %	155

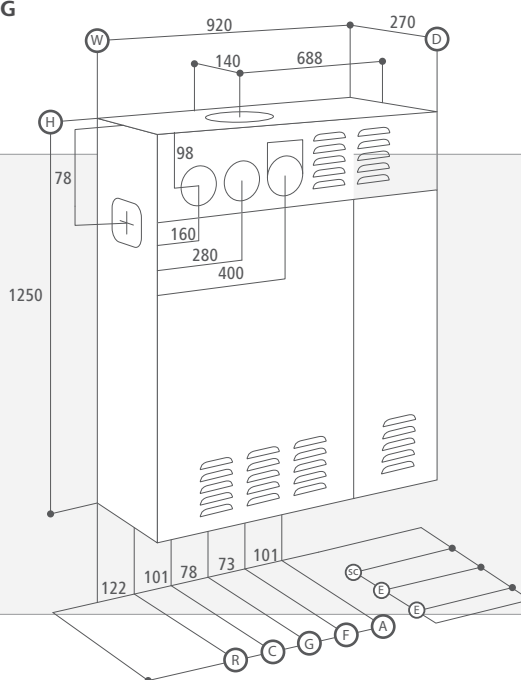
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

MAXICOMFORT TECH RKA 24 /20 - RKA 28 /20 BOX

W X D X H 920 X 270 X 1250

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 1/2"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"
SC: CONDENSATE DRAIN Ø 25



ACCESSORIES AND FLUE SYSTEMS

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAGE 78)

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LA	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00033	Supplement for higher head pump RSL 15/6
25-00034	Supplement for higher head pump RSL 15/7
FLUE SYSTEM	
82099LP	KIT BOX 2 horizontal pipe Ø 80 mm - Maximum length 25 mt
27079LA	Flue dumper PP Ø 80/80 mm
51020LA	Maxibox assembly (LxPxH = 920x270x1230 mm)
82259LP	Frost protection KIT

INBOX

STORAGE

MAXICOMFORT-TECH BOX

RKA / 20 2 V

24 - 28 kW



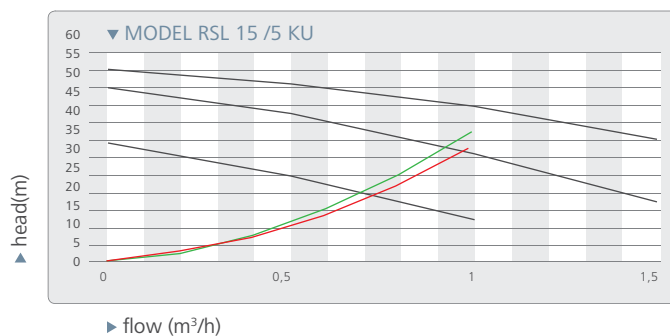
★★★★ 92/42/CEE

IP X4D

PRODUCT PLUS

4 stars
efficiency3 stars sanitary
efficiencymemory
functionNO_x
class Vlegionella
prevention
systemheating
circuitunderfloor
heating system

PUMP PERFORMANCE

MAXICOMFORT-TECH RKA
24 /20 2V BOXMAXICOMFORT-TECH RKA
28 /20 2V BOX

- Condensing gas boilers, heating and D.H.W. production thru a storage tank of 20 l., with 2 circuits system for high/ low temperature, with 2 pumps and mixing valve
- Outdoor units c/w BOX to protect from weathering.
- Available as 24 and 28 kW.
- Equipped with primary heat exchanger, micro radial flame and combustion chamber strengthened by stainless steel side panels and cold door for a better thermal insulation.
- DIGITECH CS main P.C.B.
- Compact dimensions and easy maintenance.
- 3 stars sanitary efficiency.

MODEL	NAT. GAS part number	HEATING Output	NOx Class	EFFICIENCY 100% Pn (50-30)	EFFICIENCY 100% Pn (50-30)	SPECIFIC flow rate $\Delta t 30^{\circ}\text{C}$ (l/10min.)
MAXICOMFORT-TECH RKA 24 /20 2V BOX	M380C001	24 kW	V	107 %	108,1 %	131
MAXICOMFORT-TECH RKA 28 /20 2V BOX	M380C002	28 kW	V	106,7 %	106,3 %	155

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

MAXICOMFORT TECH RKA 24 /20 2V - RKA 28 /20 2V BOX

W X D X H 920 X 270 X 1250

R: RETURN Ø 3/4"

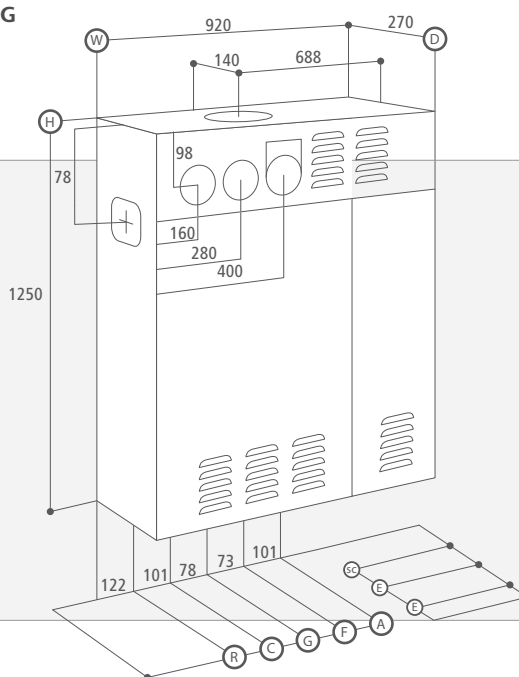
C: HOT WATER Ø 1/2"

G: GAS Ø 1/2"

F: COLD WATER Ø 1/2"

A: INLET Ø 3/4"

SC: CONDENSATE DRAIN Ø 25



ACCESSORIES AND FLUE SYSTEMS

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAGE 78)










PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
73518LA	Outside temperature sensor
HYDRAULIC	
82156LA	Condensate discharge pump
98710LA	CLEANPASS® device for the filling of the system and for its washing
25-00033	Supplement for higher head pump RSL 15/6
25-00034	Supplement for higher head pump RSL 15/7
FLUE SYSTEM	
82099LP	KIT BOX 2 horizontal pipe Ø 80 mm - Maximum length 25 mt
27079LA	Flue dumper PP Ø 80/80 mm
51020LA	Maxibox assembly (LxPxH = 920x270x1230 mm)
82259LP	Frost protection KIT

CONDENSING BOILERS



ACCESSORIES

CONTROL - HYDRAULICS








	EASY REMOTE - boiler remote control, it operates as a programmable thermostat and remote control of the appliance	part number: 40-00017
	WEEK - Weekly programmable thermostat It is a weekly programmable thermostat and runs two different temperatures: day-night.	part number: 86047LA
	DAY - Daily programmable thermostat It is a daily programmable thermostat and runs two different temperatures: day-night.	part number: 86046LA
	KIT ZONE VALVES - It runs various zones in addition to the room thermostat.	part number: 65-00030
	OUTDOOR PROBE – It enables the appliance to run at adjustable temperature.	part number: 73518LA
	BOX ASSEMBLY - mm 570x270x1230	part number: 51038LP
	MAXIBOX ASSEMBLY - mm 920x270x1230	part number: 51020LA
	CONDENSATE OUTLET PUMP	part number: 51020LA
	ELECTRONIC ANODE	up to 200 lt. part number: 25-00211 from 200 to 1000 lt. part number: 25-00209

CONDENSING BOILERS



ACCESSORIES

CONTROL - HYDRAULICS

	MONO COIL TANK LT. 150 teflon	part number 20045LA
	ADDITIONAL CIRCULATING PUMP ELECTRONIC MODULATION – PWM/7	part number: 25-00409
	COVER - R2K Series	part number: 45-00036
	I-MODULE APPLICATION	part number: 40-00191
	INTEGRATED RE-CIRCULATION KIT	part number: 24065LP
	KIT FLEXIBLES	part number: 68071LP
	FITTINGS WITH SQUARE TAP AND FILTER	part number: 68361LP

CONDENSING BOILERS



FLUE SYSTEM KIT

POLYPROPYLENE | COAXIAL | INDOOR



KIT K - HORIZONTAL COAXIAL FLUE KIT Ø 60/100 mm

part number: **82087LA**



KIT V - VERTICAL COAXIAL FLUE KIT Ø 60/100 mm

part number: **82091LA**



KIT AK 50 - HORIZONTAL COAXIAL FLUE KIT Ø 80/125 mm

part number: **82109LP**



KIT CK 50 - VERTICAL COAXIAL FLUE KIT Ø 80/125 mm

part number: **82112LP**


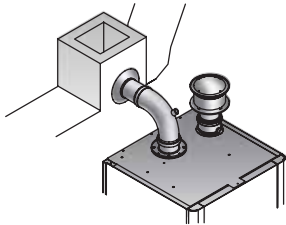
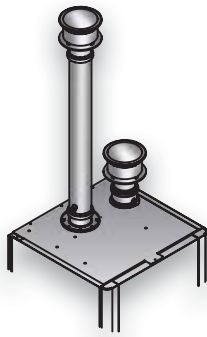
CONDENSING BOILERS



FLUE SYSTEM KIT

POLYPROPYLENE | TWIN PIPE | INDOOR

ACCESSORI
TECNOLOGIA

		
	KIT H - HORIZONTAL TWIN PIPE FLUE KIT Ø 80/80 mm	part number: 82086LA
		
	KIT EK 50 - HORIZONTAL PIPE Ø 80 mm	part number: 82107LP
		
	KIT FK 50 - VERTICAL PIPE Ø 80 mm	part number: 82106LP

CONDENSING BOILERS



PIPE FLUE SYSTEM KIT

POLYPROPYLENE | INBOX | OUTDOOR



**KIT BOX 2 - HORIZONTAL PIPE Ø 80 mm
IN BOX INSTALLATION**

part number: **82099LP**



KIT RAIN - HORIZONTAL PIPE Ø 80 mm

part number: **82244LP**



KIT RAIN L - VERTICAL PIPE Ø 80 mm






part number: **82246LP**

CONDENSING BOILERS



FLUE SYSTEM ACCESSORIES

POLYPROPYLENE | HORIZONTAL COAXIAL | Ø 60/100 mm







	coaxial vertical adapter with flange MF Ø 60/100 mm with test points points pp inner pipe	part number: 27060LA
	90° coaxial flue bend MF Ø 60/100 mm pp inner pipe	part number: 27054LA
	45° coaxial flue bend MF Ø 60/100 mm pp inner pipe	part number: 27053LA
	coaxial extension MF Ø 60/100 mm L=1000 mm pp inner pipe	part number: 82084LA
	rubber wall plate Ø 100 mm	part number: 43012LA

CONDENSING BOILERS



FLUE SYSTEM ACCESSORIES

POLYPROPYLENE | VERTICAL COAXIAL | Ø 60/100 mm





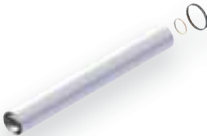
	coaxial vertical adapter with flange MF Ø 60/100 mm with test points pp inner pipe	part number: 27060LA
	90° coaxial flue bend MF Ø 60/100 mm pp inner pipe	part number: 27054LA
	45° coaxial flue bend MF Ø 60/100 mm pp inner pipe	part number: 27053LA
	roof slate for flat type roof	part number: 27058LA
	roof slate for sloop type roof	part number: 27059LA
	coaxial extension MF Ø 60/100 mm L=1000 mm pp inner pipe	part number: 82084LA

CONDENSING BOILERS



FLUE SYSTEM ACCESSORIES

POLYPROPYLENE | HORIZONTAL COAXIAL | Ø 80/125 mm








	coaxial vertical adapter with flange MF Ø 60/100 mm with test points pp inner pipe	part number: 27060LA
	90° concentric flue bend MF Ø 80/125 mm pp inner pipe	part number: 27089LA
	45° concentric flue bend MF Ø 80/125 mm pp inner pipe	part number: 27088LA
	coaxial adapter MF Ø 60/100 mm - Ø 80/125 mm pp inner pipe	part number: 27087LA
	coaxial extension MF Ø 80/125 mm L=1000 mm pp inner pipe	part number: 82118LA

CONDENSING BOILERS



FLUE SYSTEM ACCESSORIES

POLYPROPYLENE | VERTICAL COAXIAL | Ø 80/125 mm










	coaxial vertical adapter with flange MF Ø 60/100 mm with test points pp inner pipe	part number: 27060LA
	90° concentric flue bend MF Ø 80/125 mm pp inner pipe	part number: 27089LA
	45° concentric flue bend MF Ø 80/125 mm pp inner pipe	part number: 27088LA
	roof slate for flat type roof	part number: 27058LA
	roof slate for sloop type roof	part number: 27059LA
	coaxial adapter MF Ø 60/100 mm - Ø 80/125 mm pp inner pipe	part number: 27087LA
	coaxial extension MF Ø 80/125 mm L=1000 mm pp inner pipe	part number: 82118LA

CONDENSING BOILERS



FLUE SYSTEM ACCESSORIES

POLYPROPYLENE | HORIZONTAL TWIN PIPE | Ø 80/80 mm - Ø 60/60 mm





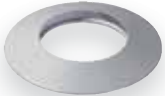

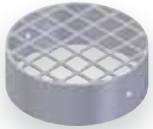
	air intake / flue exhaust Ø 80 mm adaptor with pp test points	part number: 27079LA
	90° pp flue bend MF Ø 60 mm	part number: 27047LA
	90° pp flue bend MF Ø 80 mm	part number: 27055LA
	45° pp flue bend MF Ø 60 mm	part number: 27048LA
	45° pp flue bend MF Ø 80 mm	part number: 27056LA
	pp extension MF Ø 60 mm L=1000 mm	part number: 82085LA
	pp extension MF Ø 80 mm L=1000 mm	part number: 82090LA
	pp "T" adapter MMF Ø 60 mm	part number: 27049LA
	pp "T" adapter MMF Ø 80 mm	part number: 27071LA

CONDENSING BOILERS



FLUE SYSTEM ACCESSORIES

POLYPROPYLENE | HORIZONTAL TWIN PIPE | Ø 80/80 mm - Ø 60/60 mm








	pp adapter MF Ø 80/60 mm	part number: 82088LA
	pp condensate trap MF Ø 60 mm	part number: 82083LA
	pp condensate trap MF Ø 80 mm	part number: 82108LA
	flue terminal	part number: 80009LA
	rubber wall plate Ø 60 mm	part number: 43089LA
	rubber wall plate Ø 80 mm	part number: 43090LA
	ait intake terminal Ø 80 mm	part number: 80004LA

CONDENSING BOILERS



ACCESSORIES FOR PIPE FLUE SYSTEM

POLYPROPYLENE | HORIZONTAL | Ø 80 mm








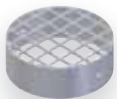
	air intake / flue exhaust Ø 80 mm adaptor with pp test points	part number: 27079LA
	90° pp flue bend MF Ø 80 mm	part number: 27055LA
	45° pp flue bend MF Ø 80 mm	part number: 27056LA
	pp extension MF Ø 80 mm L=1000 mm	part number: 82090LA
	pp "T" adapter MMF Ø 80 mm	part number: 27071LA
	pp condensate trap MF Ø 60 mm	part number: 82083LA
	rain protection kit	part number: 97022LP

CONDENSING BOILERS



ACCESSORIES FOR PIPE FLUE SYSTEM

POLYPROPYLENE | VERTICAL | Ø 80 mm






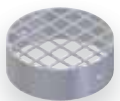
	air intake / flue exhaust Ø 80 mm adaptor with pp test points	part number: 27079LA
	90° pp flue bend MF Ø 80 mm	part number: 27055LA
	45° pp flue bend MF Ø 80 mm	part number: 27056LA
	pp extension MF Ø 80 mm L=1000 mm	part number: 82090LA
	pp "T" adapter MMF Ø 80 mm	part number: 27071LA
	pp condensate trap MF Ø 60 mm	part number: 82083LA
	rain protection kit	part number: 97022LP
	ait intake terminal Ø 80 mm	part number: 80004LA

CONDENSING BOILERS



ACCESSORIES FOR PIPE FLUE SYSTEM

POLYPROPYLENE | HORIZONTAL | INBOX | Ø 80 mm

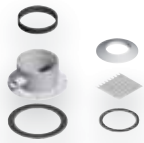





	air intake / flue exhaust Ø 80 mm adaptor with pp test points	part number: 27079LA
	90° pp flue bend MF Ø 80 mm	part number: 27055LA
	45° pp flue bend MF Ø 80 mm	part number: 27056LA
	pp "T" adapter MMF Ø 80 mm	part number: 27071LA
	pp extension MF Ø 80 mm L=1000 mm	part number: 82090LA
	ait intake terminal Ø 80 mm	part number: 80004LA

CONDENSING BOILERS



ACCESSORIES FOR PIPE FLUE SYSTEM

POLYPROPYLENE | HORIZONTAL | OUTDOOR | Ø 80 mm

	<p>vertical adapter MF Ø 80 mm c/w gasket metallic mash, adjustable diaphragms and anti rain eleuron</p> <p>part number: 52614LP</p>
	<p>90° pp flue bend MF Ø 80 mm</p> <p>part number: 27055LA</p>
	<p>45° pp flue bend MF Ø 80 mm</p> <p>part number: 27056LA</p>
	<p>pp "T" adapter MMF Ø 80 mm</p> <p>part number: 27071LA</p>
	<p>pp extension MF Ø 80 mm L=1000 mm</p> <p>part number: 82090LA</p>
	<p>rain protection kit</p> <p>part number: 97022LP</p>

TECHNOLOGY



SIM



MULTIZONES HYDRAULIC SEPARATOR

SIM 1A | 1B

Hydraulic separator c/w box supplied ex- factory, stainless steel hinged door (painted). Hydraulic separator, stainless steel made, open type c/w ¾" threaded primary and secondary connections, air separator, high performance pump and non-return valve.



SIM 1A

Part number:	S440C001
LxPxH:	505x125x360 mm

SIM 1B

Part number:	S440C004
LxPxH:	505x125x360 mm

MULTIZONES HYDRAULIC SEPARATOR

SIM 2A | SIM 2B | SIM 3A | SIM 3B

Hydraulic separator c/w box supplied ex- factory, stainless steel hinged door (painted). Hydraulic separator, stainless steel made, open type c/w ¾" threaded primary and secondary connections, air separator, thermometers. High temperature loop made of control, high performance circulating pump and non-return valve.



SIM 2A 2 high temp. circuits

Part number:	S440C002
LxPxH:	505x160x620 mm

SIM 3A 3 high temp. circuits

Part number:	S440C003
LxPxH:	505x160x620 mm

SIM 2B 2 low temp. circuits

Part number:	S440C007
LxPxH:	505x160x620 mm

SIM 3B 3 low temp. circuits

Part number:	S440C008
LxPxH:	505x160x620 mm

MULTIZONES HYDRAULIC SEPARATOR

SIM 2A 1B

Hydraulic separator c/w box supplied ex- factory, stainless steel hinged door (painted). Hydraulic separator, stainless steel made, open type c/w ¾" threaded primary and secondary connections, air separator, thermometers. High temperature loops made of control, high performance circulating pump and non-return valve.

Low temperature loop made of control (outdoor probe optional), electronic high performance circulating pump, modulating mixing valve and non-return valve.



SIM 2A 1B

2 high temp. circuits

1 low temp. circuit

Part number: **S440C005**LxPxH: **505x160x620 mm**

MULTIZONES HYDRAULIC SEPARATOR

SIM 1A 1B | SIM 1A 2B

Hydraulic separator c/w box supplied ex- factory, stainless steel hinged door (painted). Hydraulic separator, stainless steel made, open type c/w ¾" threaded primary and secondary connections, air separator, thermometers. High temperature loop made of control, high performance circulating pump and non-return valve.

Low temperature loops made of control (outdoor probe optional), electronic high performance circulating pumps, modulating mixing valves and non-return valves.



SIM 1A 1B

1 high temp. circuit

1 low temp. circuit

Part number: **S440C009**LxPxH: **505x160x620 mm**

SIM 1A 2B

1 high temp. circuit

2 low temp. circuits

Part number: **S440C006**LxPxH: **505x160x620 mm**

TOOLINES AND FLUIDS TO GUARANTEE THE MAXIMUM EFFICIENCY OF THE SYSTEMS

RADIANT SERVICE

In the recent years a heavy increase has been reported on heating systems affected by limescale deposits, under-floor heating systems affected by the formation of microbiological grown and heating systems with insufficient thermal efficiency. With the result of end users not satisfied and unaware of the arisen system problems. CLEANPASS® derives from the experience and co-operation of Radiant with its Technical Service network, and it is an effective system to prevent future system negative events.

The system filling station CLEANPASS® System softens, as first instance soften the water by purifying it from calcium and magnesium ions through the CLEANPASS® Filter softener cartridge and, afterwards adds specific agents to the water such as CLEANPASS® Lindo, CLEANPASS® Fluid AR, CLEANPASS® Fluid M, e CLEANPASS® Fluid AG, for the specific system problem resolution.

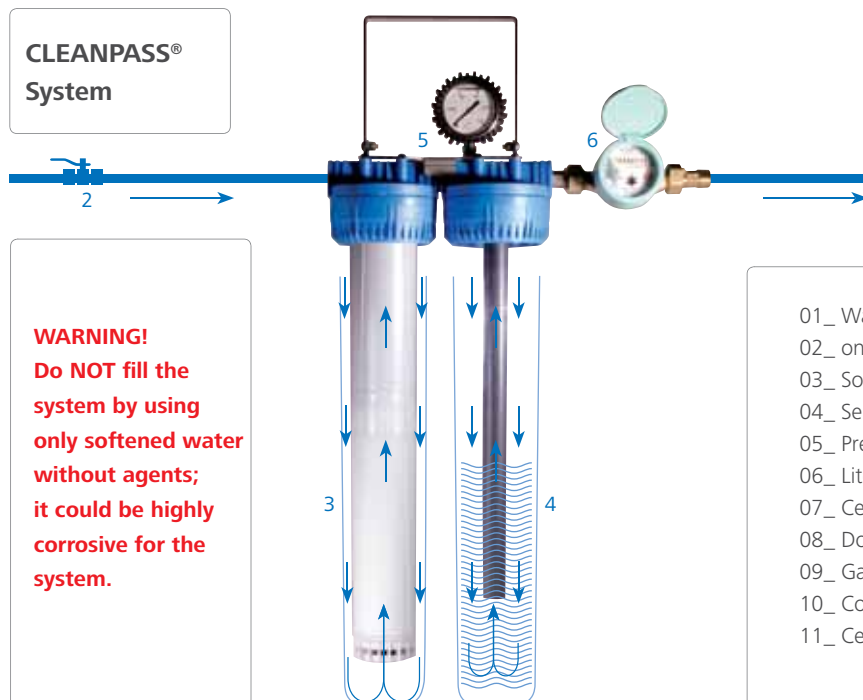
CLEANPASS® SYSTEM

It represents the device for the filling of the system and for its washing, as shown in the drawing. When the operation is completed, proceed with the standard system connection and use CLEANPASS® system for other system activations



Part number: **98710LA**

CLEANPASS® System



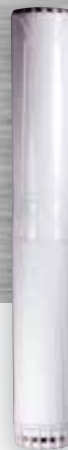
WARNING!
Do NOT fill the system by using only softened water without agents; it could be highly corrosive for the system.

- 01_ Water mains
- 02_ on/off Tap
- 03_ Softening cartridge
- 04_ Selected CLEANPASS® Agent
- 05_ Pressure manometer
- 06_ Liters counter
- 07_ Central heating circuit return
- 08_ Domestic hot water flow
- 09_ Gas
- 10_ Cold water inlet
- 11_ Central heating water flow

CLEANPASS® FILTER

It is a special filter designed for the CLEANPASS® system, its softening effect is for approximately a volume of 600 l. of water. If the water is particularly hard (French degrees), this volume may decrease but thanks to CLEANPASS® Test it is possible to check the filter efficacy before its replacement.

Part number: **98711LA**



CLEANPASS® TEST

It is a litmus paper kit inserted in a bottle box provided with a colour tone scale. Deep the litmus paper into filtered water and compare the obtained colour with the colour tone scale to know instantly the filter efficiency level.

Part number: **98712LA**



CLEANPASS® FLUIDO AG

It is a neutral and non corrosive product, acting as 'antifreeze'. A dosage of 25 l. against 100 l. of water contained in the system (25%) prevents corrosions and limescale.

Part number: **98716LA**



CLEANPASS® FLUIDO M

It is a neutral non corrosive product. A dosage of 1 l. against 100 l. of water contained in the system **prevents corrosions, calcium carbonate deposits, noise of heating plants, formation of hydrogen into the radiators and microbiological grown in the heating plant.**

Part number: **98715LA**



CLEANPASS® FLUIDO AR

It is a neutral and non corrosive product, specific for reducing systems noise caused by the presence of limescale. Dosage: add 1 l. of product to every 100 l. of water contained in the system to the primary circuit and leave it circulating for a few days to restore the normal boiler performance. The time for reducing the noise depends on the thickness of the deposit. It could be necessary a month circulation for worse situations.

After having cleaned the system with Fluid AR agent, drain the system and subsequently fill the system again using CLEANPASS® Fluid M protective agent or antifreeze with inhibitor CLEANPASS® Fluid AG.

Part number: **98714LA**



CLEANPASS® LINDO

It is a neutral and non corrosive product, specific for cleaning heating systems by removing lime scale deposits, sludge, oily substances, grease and ferrous deposits. Dosage: Add 1 l. of product to every 100 l. of water contained in the system to the primary circuit and leave it circulating for a few days. For very dirty systems, it is necessary to keep circulated the product, at least 1 month. **After the clearing, drain the system, possibly draining all the radiators. Subsequently fill the system with protective agent CLEANPASS® Fluid M or antifreeze with inhibitor CLEANPASS® Fluid AG.**

Part number: **98713LA**



CLASSIC



INDEX

CLASSIC

GAS BOILERS

INDOOR

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Heating only in /B version	COMFORT RS /B	page	76
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Istantaneous combination	ENERGY RBC - RBS	page	80
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Floor standing Storage	SUPREMA RCA /100 - RSA /100	page	88

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Outdoor Istantaneous combination	ENERGY RBS RAIN	page	92
Outdoor Istantaneous combination	COMFORT RSR RAIN	page	94
Outdoor Storage	MAXICOMFORT RSA /8 RAIN	page	96
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Inbox Istantaneous combination	COMFORT RSR BOX	page	100
Inbox Istantaneous combination	ENERGY RBS BOX	page	102
Inbox Storage	MAXICOMFORT RSA /8 - RSA /20	page	104
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FLUE KIT SYSTEM

Coaxial	page	110
Twin pipe	page	111
Pipe	page	112

ACCESSORIES FOR FLUE KIT SYSTEM

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For twin pipe	page	117
For pipe	page	120

INDOOR

HEATING ONLY

COMFORT

RS

24 / 25 / 28 / 32 KW



★★★ 92/42/CEE

IP X4D

PRODUCT PLUS



compact
size



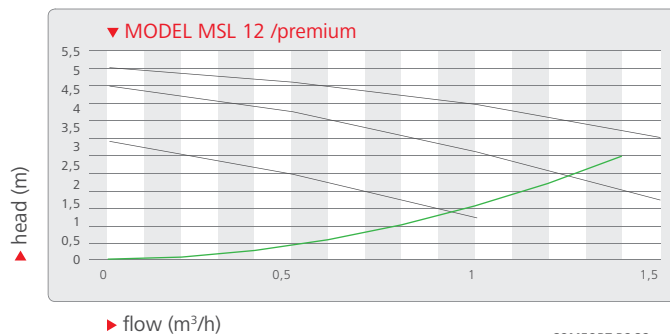
ease of
access



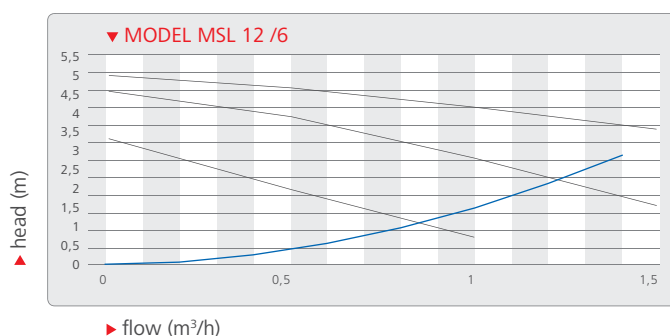
- Boilers for the central heating only.
- Copper made main heat exchanger, double ranges, ample passages.
- Extremely compact dimensions.
- Digitech TR main P.C.B.
- Available also in the open flue version (RC).

PUMP PERFORMANCE

COMFORT RS 24
COMFORT RS 28



COMFORT RS 32



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	EXPANSION vassel capacity
COMFORT RS 24	M020A001	24 kW	room saled	92,8 %	90,5 %	7 litres
COMFORT RS 28	M020A002	28 kW	room saled	93,5 %	91,3 %	8 litres
COMFORT RS 32	M020A003	32 kW	room saled	93,8 %	91,8 %	10 litres
COMFORT RS 25 NOx	M020A004	25 kW	room saled	93 %	92,1 %	8 litres

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

COMFORT-TECH RS 24

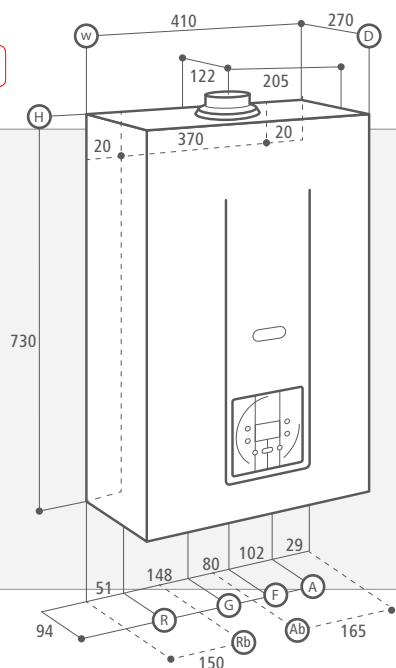
L x P x H 410 x 270 x 730

R: RETURN Ø 3/4"

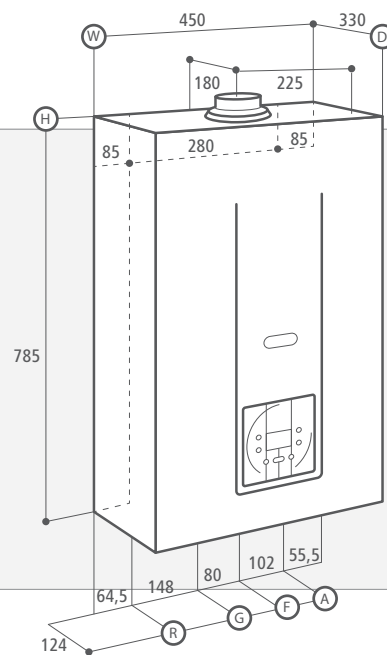
G: GAS Ø 3/4"

F: COLD WATER Ø 1/2"

A: INLET Ø 3/4"

COMFORT-TECH RS 28
RS 32 - RS 25 NOx

L x P x H 450 x 330 x 785



ACCESSORIES AND FLUE SYSTEM

CODICE	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
52233LP	Lower grill panel RS 24
52231LP	Lower grill panel RS 28 - RS 32
25-00340	Supplement for higher head pump MSL 12/6 premium
25-00341	Supplement for higher head pump MSL 12/7 premium
FLUE SYSTEM	
52597LP	Flue dumper Ø 80/80 mm
82101LP	KIT A horizontal coaxial flue kit Ø 60/100 mm
82100LP	KIT B twin pipe flue kit Ø 80/80 mm
82111LP	KIT C2 vertical coaxial Ø 80/125 mm
82081LP	KIT G horizontal coaxial flue kit Ø 80/125 mm

INDOOR

HEATING ONLY

COMFORT

RS /B EXTERNAL STORAGE
CYLINDER

24 / 25 / 28 / 32 KW



★ ★ ★ 92/42/CEE

IP X4D

PRODUCT PLUS



compact
size



solar
integration



ease of
access

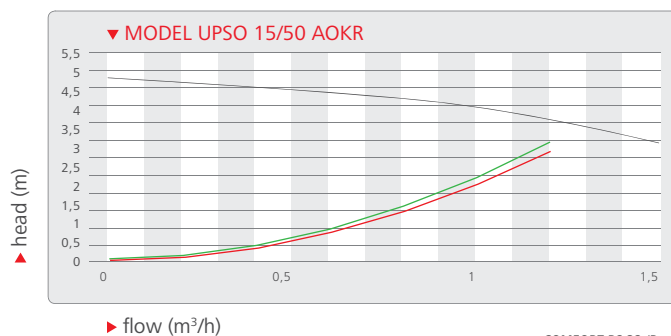


- Boilers for the central heating only, equipped with three-ways-valve and piping for easy addition of an indirect tank.
- Copper made main heat exchanger, double ranges, ample passages.
- Extremely compact dimensions.
- Digitech TR main P.C.B.
- Available both the open flue (RC) and room sealed fanned flue (RS) series.

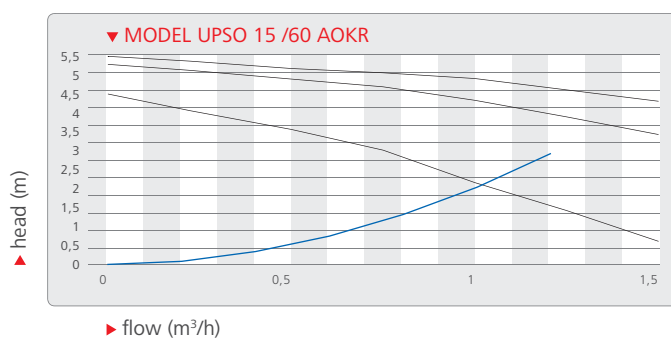
PUMP PERFORMANCE

COMFORT RS 24 /B

COMFORT RS 28 /B



COMFORT RS 32 /B



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn (50-30)	EXPANSION vessel capacity
COMFORT RS 24 /B	M030A001	24 kW	saied	92,8 %	91 %	7 litres
COMFORT RS 28 /B	M030A002	28 kW	saied	93,5 %	93,5 %	8 litres
COMFORT RS 32 /B	M030A003	32 kW	saied	93,5 %	93,5 %	10 litres
COMFORT RS 25 /B NOX	M030A004	25 kW	saied	93,5 %	93,5 %	8 litres

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

COMFORT-TECH RS 24 /B

L X P X H 410 X 270 X 730

R: RETURN Ø 3/4"

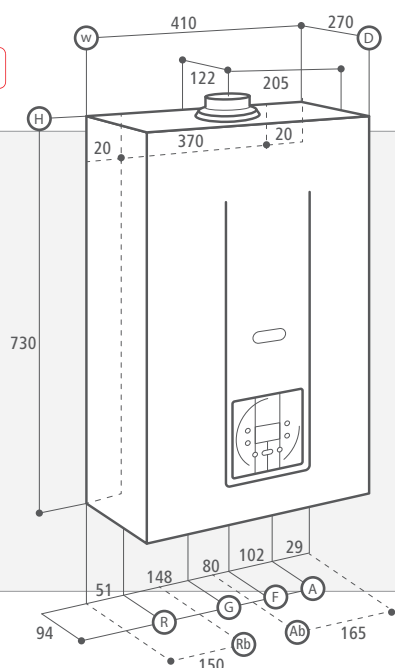
G: GAS Ø 3/4"

F: COLD WATER Ø 1/2"

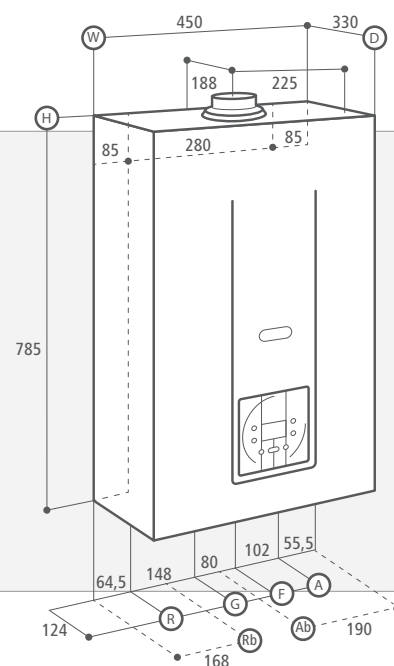
A: INLET Ø 3/4"

RB: RETURN BOILER Ø 3/4"

RB: INLET BOILER Ø 3/4"

COMFORT-TECH RS 28 /B
RS 32 /B - RS 25 /B NOX

L X P X H 450 X 330 X 785



ACCESSORIES AND FLUE SYSTEM

CODICE	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
52233LP	Lower grill panel RS 24 /B
52231LP	Lower grill panel RS 28 /B - RS 32 /B
25-00328	Supplement for higher head pump UPSO 15/60 AOKR
25-00329	Supplement for higher head pump UPSO 15 /70 AOKR
FLUE SYSTEM	
52597LP	Flue dumper Ø 80/80 mm
82101LP	KIT A horizontal coaxial flue kit Ø 60/100 mm
82100LP	KIT B twin pipe flue kit Ø 80/80 mm
82111LP	KIT C2 vertical coaxial Ø 80/125 mm
82081LP	KIT G horizontal coaxial flue kit Ø 80/125 mm

INDOOR

COMBI

COMFORT

RCR - RSR

24 / 25 / 28 / 32 KW



★★★ 92/42/CEE

IP X4D

PRODUCT PLUS



- Boilers for the central heating and instantaneous D.H.W. production.
- New components, copper made.
- Easy access and maintenance.
- Digitech TR main P.C.B.
- Available both the open flue (RCR) and room sealed fanned flue (RSR) series.
- Two separate exchangers (monothermic version)



3 stars sanitary efficiency



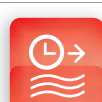
brass components



ease of access



compact size

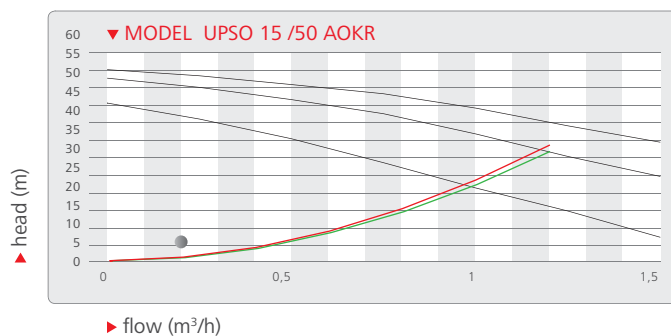


H₂O fast

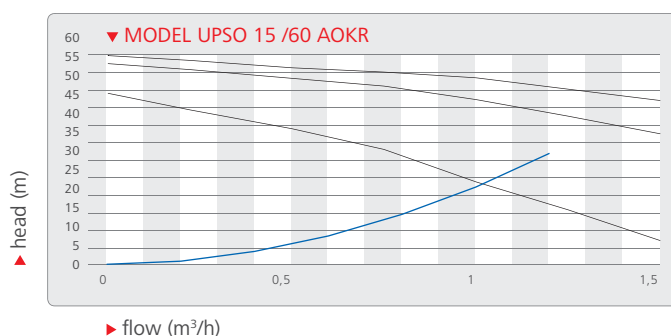
PUMP PERFORMANCE

COMFORT RSR 24
COMFORT RSR 28

COMFORT RSR 25 NOx



COMFORT RSR 32



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate Δt 30°C (l./min.)
COMFORT RSR 24	M060A001	24 kW	room sealed	92,8 %	90,8 %	11,5
COMFORT RSR 28	M060A002	28 kW	room sealed	93,5 %	91,3 %	13,3
COMFORT RSR 32	M060A003	32 kW	room sealed	93,8 %	91,8 %	15,5
COMFORT RSR 25 NOX	M060A004	25 kW	room sealed	93 %	92,1 %	11,8
COMFORT RCR 24	M050A001	24 kW	open flue	90 %	85,8 %	11,4
COMFORT RCR 28	M050A002	28 kW	open flue	89,5 %	86,5 %	13
COMFORT RCR 25 NOX	M050A003	25 kW	open flue	88,5 %	90,4 %	11,25

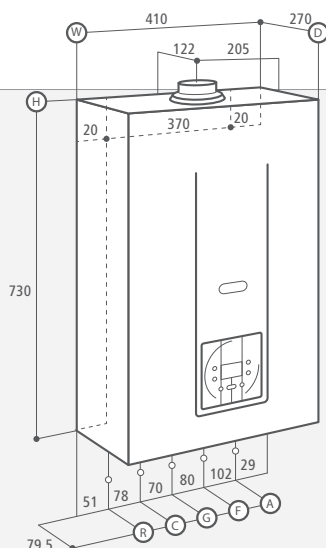
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

COMFORT RSR 24

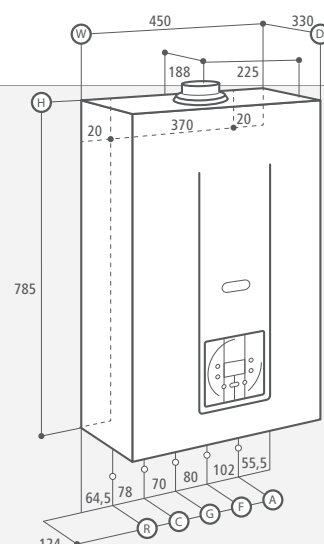
L X P X H 410 X 270 X 730

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"



COMFORT RSR 28 - RSR 32 RSR 25 NOX

L X P X H 450 X 330 X 785



ACCESSORIES AND FLUE SYSTEM

CODICE	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
15-00951	Lower grill panel RSR 24
52231LP	Lower grill panel RSR 28 - RSR 32 - RSR 25 NOx
25-00328	Supplement for higher head pump UPSO 15/60 AOKR
25-00329	Supplement for higher head pump UPSO 15/70 AOKR
FLUE SYSTEM	
52597LP	Flue dumper Ø 80/80 mm
82101LP	KIT A horizontal coaxial flue kit Ø 60/100 mm
82100LP	KIT B twin pipe flue kit Ø 80/80 mm
82111LP	KIT C2 vertical coaxial Ø 80/125 mm
82081LP	KIT G horizontal coaxial flue kit Ø 80/125 mm

INDOOR

INSTANTANEOUS COMBINATION BOILER

ENERGY

RBC - RBS

24 KW



★ ★ ★ 92/42/CEE

IP X4D

PRODUCT PLUS



compact
size



ease of
access



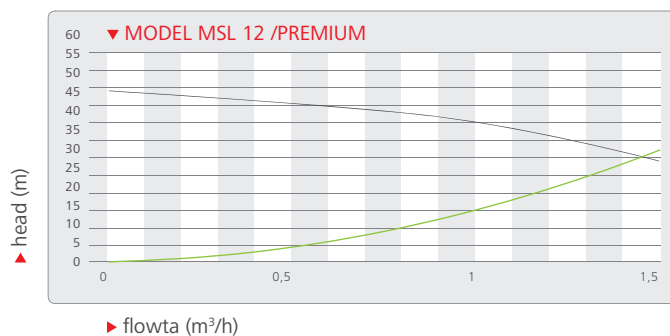
NOx
class IV



- Boilers for the central heating and instantaneous D.H.W. production thru one integrated exchanger.
- Extremely compact dimensions thanks to the side expansion vessel.
- Digitech TR main P.C.B.
- Available both the open flue (RBC) and room sealed fanned (RBS) flue series.
- Integrated exchanger, two ranges and 7 passages

PUMP PERFORMANCE

ENERGY RBS 24
ENERGY RBC 24



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate $\Delta t 30^{\circ}\text{C}$ (l./min.)
ENERGY RBS 24	M080A001	24 kW	room sealed	93,3 %	90,1 %	11,37
ENERGY GREEN RBS 24	M080A003	24 kW	room sealed	93,3 %	-	11,36
ENERGY RBC 24	M070A002	24 kW	open flue	90,6 %	89 %	11

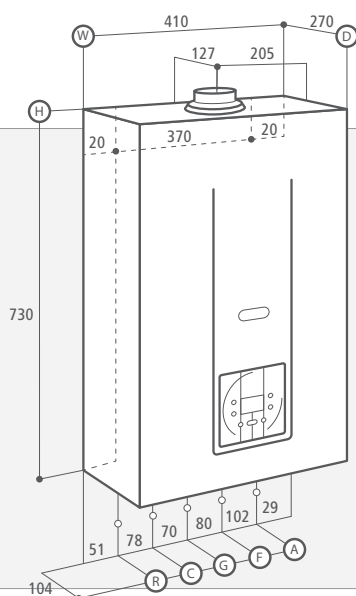
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

ENERGY RBS 24

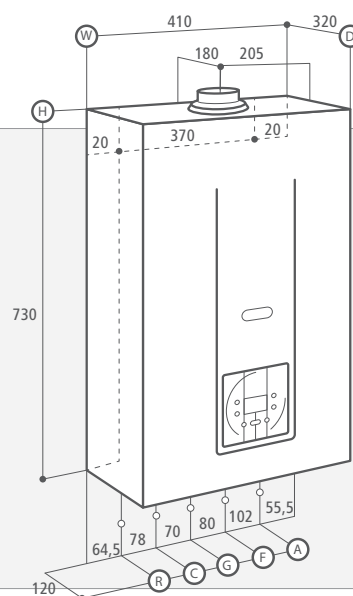
L X P X H 410 X 270 X 730

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"



ENERGY RBC 24

L X P X H 410 X 320 X 730



ACCESSORIES AND FLUE SYSTEM

CODICE	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
15-00951	Lower grill panel RBS 24 Energy
25-00340	Supplement for higher head pump MSL 12/6
25-00341	Supplement for higher head pump MSL 12/7
FLUE SYSTEM	
52597LP	Flue dumper Ø 80/80 mm
82101LP	KIT A horizontal coaxial flue kit Ø 60/100 mm
82100LP	KIT B twin pipe flue kit Ø 80/80 mm
82111LP	KIT C2 vertical coaxial Ø 80/125 mm
82081LP	KIT G horizontal coaxial flue kit Ø 80/125 mm

INDOOR

STORAGE

MAXICOMFORT

RSA | RCA

24 / 25 / 28 / 32 KW



★★★ 92/42/CEE

IP X4D

PRODUCT PLUS



- Boilers for the central heating and D.H.W. production thru a glass-lined storage tank of 8 and 25 l.
- Duopass system: stunning sanitary performances, regardless the small capacity of the D.H.W. tank.
- Easy access and maintenance.
- Digitech TR main P.C.B.
- Available both the open flue (RCA) and room sealed fanned flue (RSA) series. Integrated exchanger, 2 ranges and 7 passages.



3 stars
sanitary efficiency



solar
integration



legionella
prevention system



memory
function



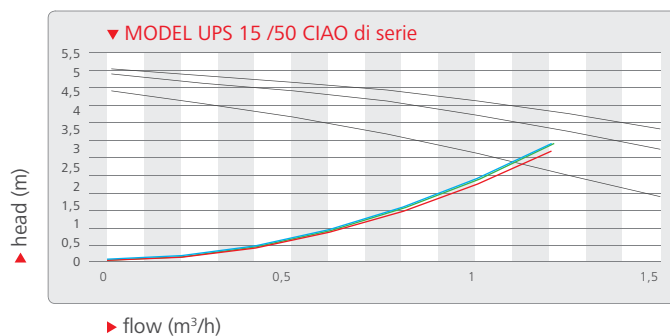
ease of
access

PUMP PERFORMANCE

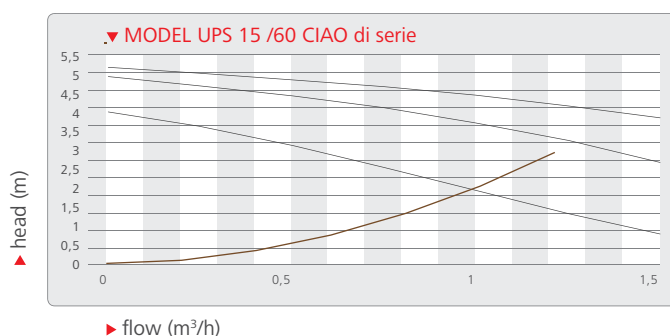
MAXICOMFORT RSA 24 /8

MAXICOMFORT RSA 28 /25

MAXICOMFORT RSA 25 /25 NOx



MAXICOMFORT RSA 32 /25



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate Δt 30°C (l./10min.)
MAXICOMFORT RSA 24 /8	M150A001	24 kW	room sealed	93,5 %	91 %	130
MAXICOMFORT RSA 28 /25	M160A001	28 kW	room sealed	93,5 %	91,3 %	150
MAXICOMFORT RSA 32 /25	M160A002	32 kW	room sealed	93,8 %	91,8 %	171,5
MAXICOMFORT RSA 25 /25 NOX	M160A003	25 kW	room sealed	93 %	92,1 %	138
MAXICOMFORT RCA 28 /25	M120A001	28 kW	open flue	89,5 %	86,5 %	149
MAXICOMFORT RCA 25 /25 NOX	M120A002	25 kW	open flue	88,5 %	90,4 %	132

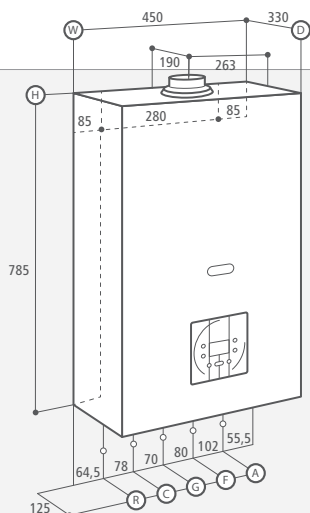
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS

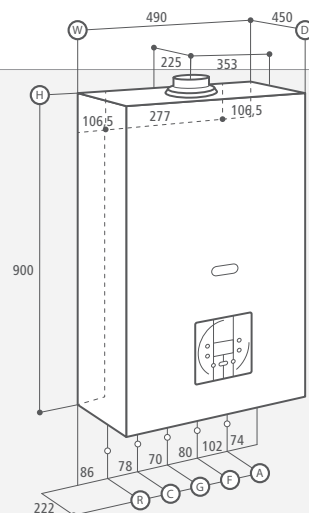
MAXICOMFORT RSA 24 /8

L X P X H 450 X 330 X 785

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"

MAXICOMFORT RSA 28 /25
RSA 32 /25 - RSA 25 /25 NOX

L X P X H 490 X 450 X 900



ACCESSORIES AND FLUE SYSTEM

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAG.134)

CODICE	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
52231LP	Lower grill panel MAXICOMFORT RSA 24
52232LP	Lower grill panel MAXICOMFORT RSA 28 - RSA 32
25-00035	Supplement for higher head pump UPS 15/60
25-00036	Supplement for higher head pump UPS 15/70
FLUE SYSTEM	
52597LP	Flue dumper Ø 80/80
82101LP	KIT A horizontal coaxial flue kit Ø 60/100
82100LP	KIT B twin pipe flue kit Ø 80/80
82111LP	KIT C2 vertical coaxial Ø 80/125
82081LP	KIT G horizontal coaxial flue kit Ø 80/125

INDOOR



**FLOOR STANDING
HEATING ONLY**

★★★ 92/42/CEE

SUPREMA

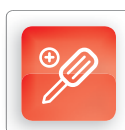
IP X4D

RSG - RCG

28 / 32 KW



PRODUCT PLUS



ease of
access



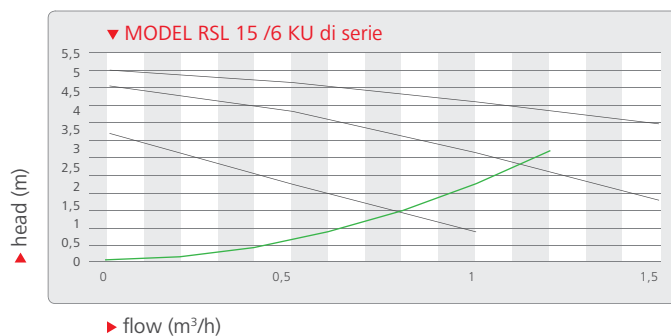
memory
function



- Floor standing gas boilers, for central heating only.
- Outputs 28 and 32 kW.
- Easy access and maintenance.
- Digitech TR main P.C.B.
- Available both the open flue (RCG) and room sealed fanned flue (RSG) series.
- Integrated exchanger, 2 ranges and 7 passages.

PUMP PERFORMANCE

SUPREMA RSA 28 /40
SUPREMA RSA 32 /40



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	EXPANSION vassel capacity
SUPREMA RSG 28	M200A001	28 kW	room saled	93,5 %	91,3 %	10 liters
SUPREMA RSG 32	M200A002	32 kW	room saled	93,8 %	91,8 %	10 liters
SUPREMA RCG 28	M190A001	28 kW	open flue	89,5 %	86,5 %	10 liters
SUPREMA RCG 32	M190A002	32 kW	open flue	90,1 %	87 %	10 liters

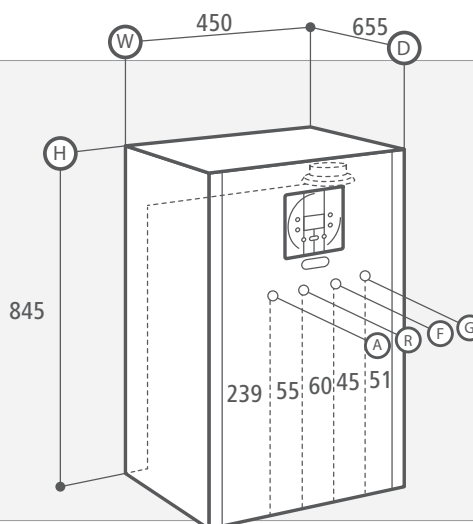
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS

SUPREMA RSG 28 - RSG 32
SUPREMA RCG 28 - RCG 32

L X P X H 450 X 655 X 845

R: RETURN Ø 3/4"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"



ACCESSORIES AND FLUE SYSTEM

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
25-00034	Supplement for higher head pump RSL 15/7
FLUE SYSTEM	
52597LP	Flue dumper Ø 80/80 mm
82101LP	KIT A horizontal coaxial flue kit Ø 60/100 mm
82053LP	KIT D twin pipe flue kit Ø 80/80 mm
82081LP	KIT G horizontal coaxial flue kit Ø 80/125 mm

INDOOR



STORAGE FLOOR STANDING

★★★ 92/42/CEE

SUPREMA

IP X4D

RSA /40 - RCA /40

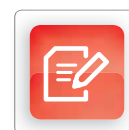
28 / 32 KW



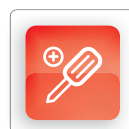
PRODUCT PLUS



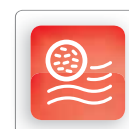
3 stars sanitary efficiency



memory function



ease of access

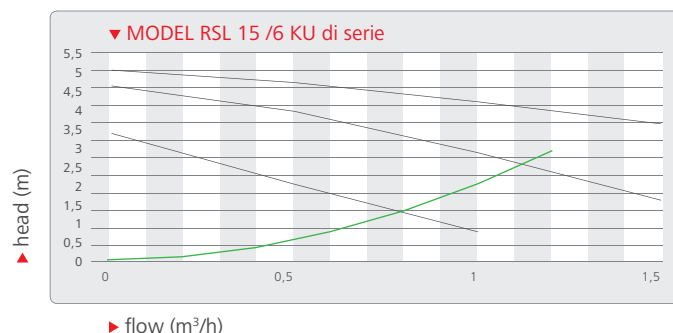


legionella prevention system



PUMP PERFORMANCE

SUPREMA RSA 28 /40
SUPREMA RSA 32 /40



- Floor standing boilers for the central heating and D.H.W. production thru a glass-lined storage tank of 40 l. capacity.
- Duopass system: stunning sanitary performances, regardless the small capacity of the D.H.W. tank.
- Easy access and maintenance.
- Digitech TR main P.C.B. Available both the open flue (RCA) and room sealed fanned flue (RSA) series.
- Integrated exchanger, 2 ranges and 7 passages.

MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate $\Delta t 30^{\circ}\text{C}$ (l/10min.)
SUPREMA RSA 28 /40	M170A001	28 kW	room sealed	93,5 %	91,3 %	176
SUPREMA RSA 32 /40	M170A002	32 kW	room sealed	93,8 %	91,8 %	197
SUPREMA RCA 28 /40	M130A001	28 kW	open flue	89,5 %	86,5 %	170,5
SUPREMA RCA 32 /40	M130A002	32 kW	open flue	90,1 %	87 %	193

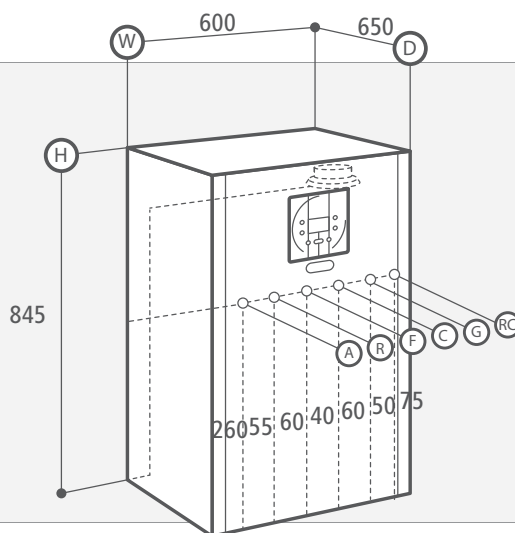
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

SUPREMA RSA 28 /40 - RSA 32 /40
SUPREMA RCA 28 /40 - RCA 32 /40

L X P X H 600 X 650 X 845

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"
RC: RE-CIRCULATION Ø 1/2"



ACCESSORIES AND FLUE SYSTEM

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAG.134)

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
25-00034	Supplement for higher head pump RSL 15/7
FLUE SYSTEM	
52597LP	Flue dumper Ø 80/80 mm
82101LP	KIT A horizontal coaxial flue kit Ø 60/100 mm
82053LP	KIT D twin pipe flue kit Ø 80/80 mm
82081LP	KIT G horizontal coaxial flue kit Ø 80/125 mm

INDOOR



FLOOR STANDING STORAGE

★★★ 92/42/CEE

SUPREMA

IP X4D

RSA /100 - RCA /100

28 / 32 KW

PRODUCT PLUS



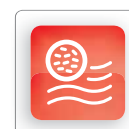
3 stars
sanitary efficiency



memory
function



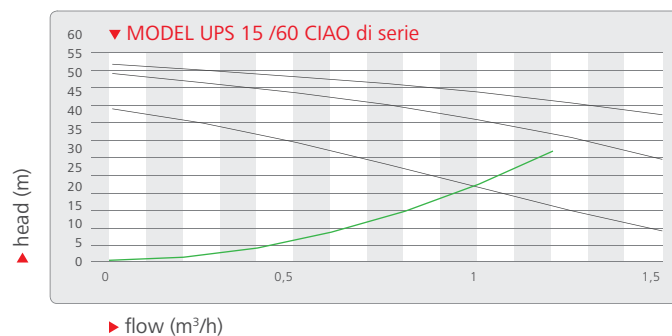
ease of
access



legionella
prevention system

PUMP PERFORMANCE

SUPREMA RSA 28 /100
SUPREMA RSA 32 /100



- Floor standing boilers for the central heating and D.H.W. production thru a glass-lined storage tank of 100 l. capacity.
- Duopass system: stunning sanitary performances.
- Easy access and maintenance.
- Digitech TR main P.C.B.
- Available both the open flue (RCA) and room sealed fanned flue (RSA) series.
- Integrated exchanger, 2 ranges and 7 passages.

MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate $\Delta t 30^{\circ}\text{C}$ (l/10min.)
SUPREMA RSA 28 /100	M180A001	28 kW	room sealed	93,5 %	91,3 %	247
SUPREMA RSA 32 /100	M180A002	32 kW	room sealed	93,8 %	91,8 %	263
SUPREMA RCA 28 /100	M140A001	28 kW	open flue	89,5 %	86,5 %	255

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

SUPREMA RSA 28 /100 - RSA 32 /100
SUPREMA RCA 28 /100

L X P X H 570 X 570 X 1640

R: RETURN Ø 3/4"

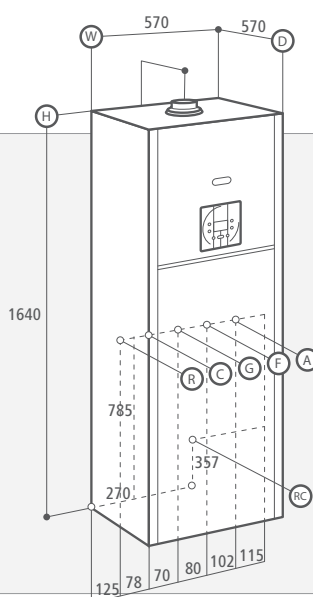
C: HOT WATER Ø 1/2"

G: GAS Ø 3/4"

F: COLD WATER Ø 1/2"

A: INLET Ø 3/4"

RC: RE-CIRCULATION Ø 1/2"



ACCESSORIES AND FLUE SYSTEM

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAG.134)

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
25-00036	Supplement for higher head pump UPS 15/70
FLUE SYSTEM	
52597LP	Flue dumper Ø 80/80 mm
82101LP	KIT A horizontal coaxial flue kit Ø 60/100 mm
82100LP	KIT B twin pipe flue kit Ø 80/80 mm
82081LP	KIT G horizontal coaxial flue kit Ø 80/125 mm
82111LP	KIT C2 vertical coaxial Ø 60/125 mm

OUTDOOR

HEATING ONLY

COMFORT RAIN

RS

24 / 25 / 28 / 32 KW



★ ★ ★ 92/42/CEE

IP X5D

PRODUCT PLUS



rain protection



memory function



frost protection system



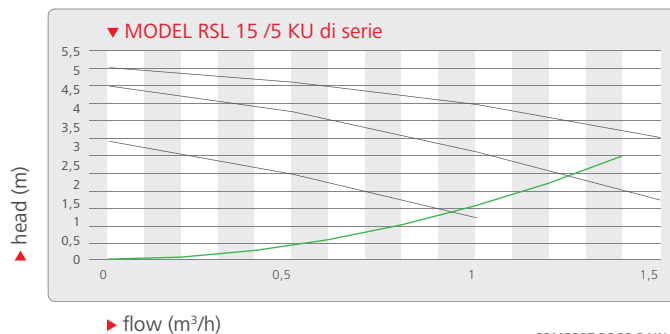
ease of access



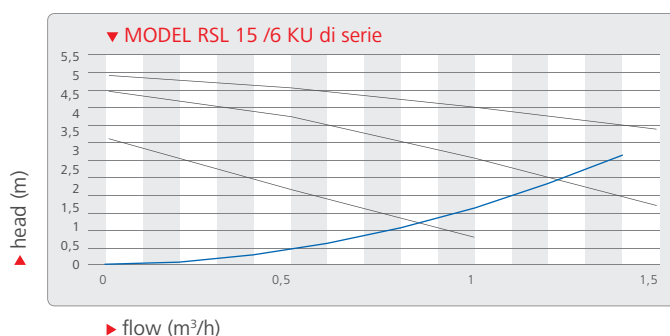
- Boilers for the central heating only.
- Specifically designed outdoor cabinet to resist to weathering.
- Easy access and maintenance.
- Digitech TR main P.C.B. Anti-frost protection.
- Integrated exchanger, 2 ranges and 7 passages.

PUMP PERFORMANCE

COMFORT RS 24 RAIN
COMFORT RS 28 RAIN



COMFORT RS 32 RAIN



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	EXPANSION vassel capacity
COMFORT RS 24 RAIN	M020B001	24 kW	room saled	92,8 %	90,5 %	7 liters
COMFORT RS 28 RAIN	M020B002	28 kW	room saled	93,5 %	91,3 %	7 liters
COMFORT RS 32 RAIN	M020B003	32 kW	room saled	93,8 %	91,8 %	7 liters
COMFORT RS 25 NOX RAIN	M020B004	25 kW	room saled	93 %	92,1 %	7 liters

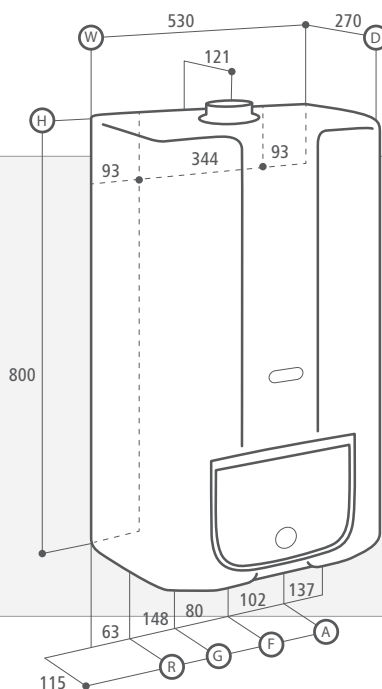
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

COMFORT RS 24 - RS 28 - RS 32 - RS 25 NOX
RAIN

L X P X H 530 X 270 X 800

R: RETURN Ø 3/4"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"



ACCESSORIES AND FLUE SYSTEM

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
25-00033	Supplement for higher head pump RSL 15/6
25-00034	Supplement for higher head pump RSL 15/7
FLUE SYSTEM	
82052LP	KIT E horizontal pipe Ø 80 mm
82072LP	KIT F vertical pipe Ø 80 mm
82259LA	Frost protection system
52561LP	Vertical adapter for KIT E Ø 80 mm

OUTDOOR



INSTANTANEOUS COMBINATION BOILER

★ ★ ★ 92/42/CEE

ENERGY RAIN

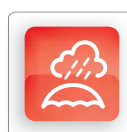
IP X5D

RBS

24 KW



PRODUCT PLUS



rain
protection



memory
function



frost
protection system



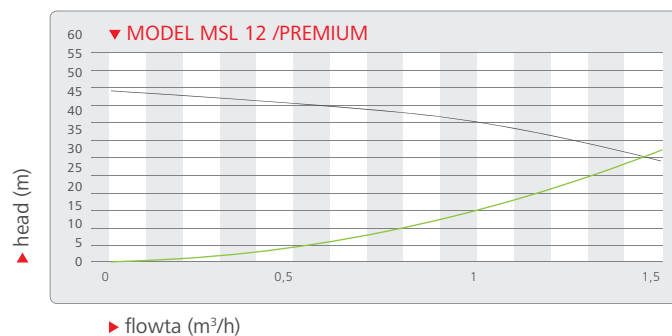
ease of
access



- Boilers for the central heating and instantaneous D.H.W. production.
- Specifically designed outdoor cabinet to resist to weathering.
- Easy access and maintenance.
- Digitech TR main P.C.B. Anti-frost protection.
- Integrated exchanger

PUMP PERFORMANCE

ENERGY RBS 24 RAIN
ENERGY RBC 24 RAIN



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate Δt 30°C (l/min.)
ENERGY RBS 24 RAIN	M080B001	24 kW	room sealed	93,3 %	90,4 %	11,37

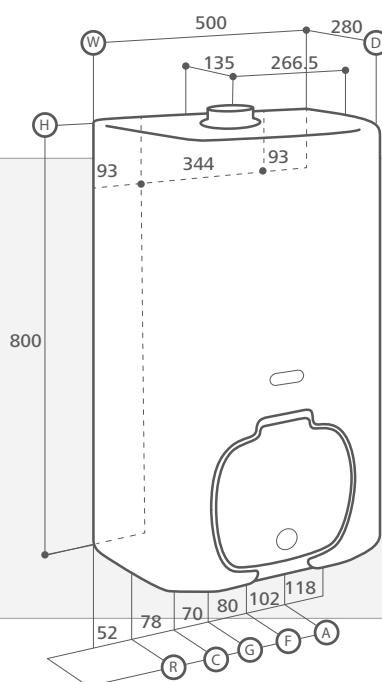
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

ENERGY RBS 24 RAIN

L X P X H 500 X 280 X 800

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"



ACCESSORIES AND FLUE SYSTEM

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
25-00340	Supplement for higher head pump MSL 12/6
25-00341	Supplement for higher head pump MSL 12/7
FLUE SYSTEM	
82052LP	KIT E horizontal pipe Ø 80 mm
82072LP	KIT F vertical pipe Ø 80 mm
82259LA	Frost protection system
52561LP	Vertical adapter for KIT E Ø 80 mm

OUTDOOR

COMBI

COMFORT RAIN

RSR

24 / 25 / 28 / 32 KW



★★★ 92/42/CEE

IP X5D

PRODUCT PLUS



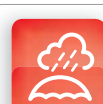
- Boilers for the central heating and instantaneous D.H.W. production.
- Specifically designed outdoor cabinet to resist to weathering.
- Easy access and maintenance.
- Digitech TR main P.C.B.
- Anti-frost protection. Two exchangers, 2 ranges and 7 passages.



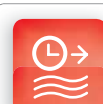
3 stars sanitary efficiency



brass components



rain protection



H₂O fast



frost protection system



memory function

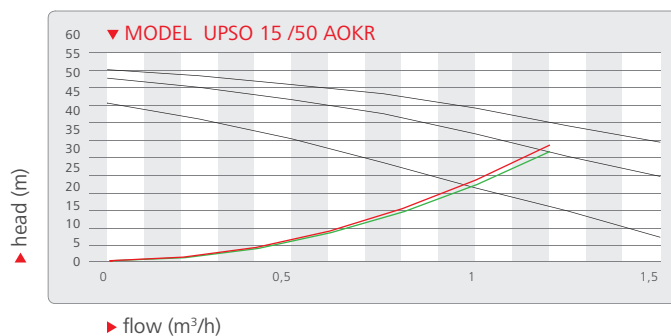


ease of access

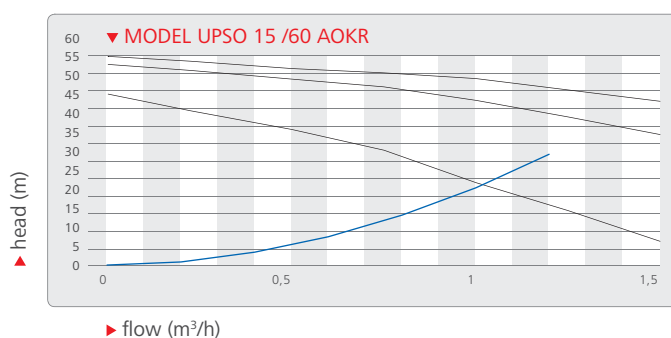
PUMP PERFORMANCE

COMFORT RSR 24 RAIN
COMFORT RSR 28 RAIN

COMFORT RSR 25 NOx RAIN



COMFORT RSR 32 RAIN



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate Δt 30°C (l./min.)
COMFORT RSR 24 RAIN	M060B001	24 kW	room sealed	93,5 %	91 %	11,5
COMFORT RSR 28 RAIN	M060B002	28 kW	room sealed	93,5 %	91,3 %	13,3
COMFORT RSR 32 RAIN	M060B003	32 kW	room sealed	93,8 %	91,8 %	15,5
COMFORT RSR 25 NOX RAIN	M060B004	25 kW	room sealed	93 %	91,2 %	11,8

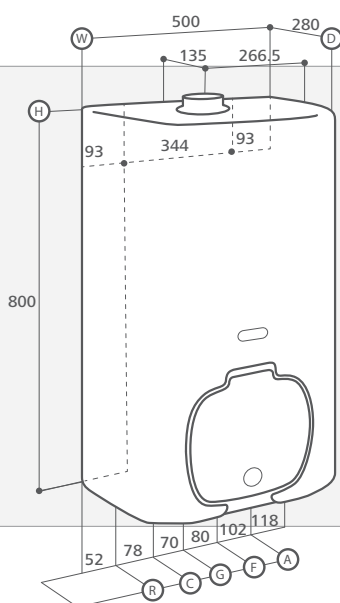
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

COMFORT RSR 24 RAIN

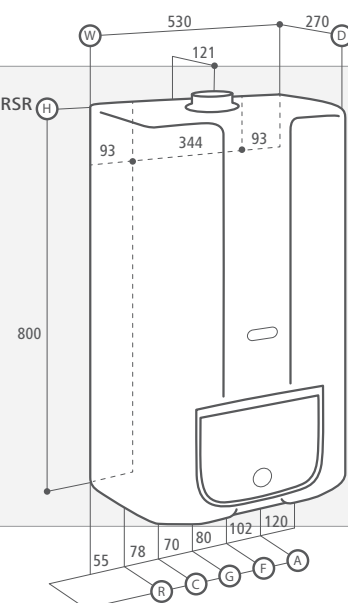
L X P X H 410 X 280 X 860

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"



COMFORT RSR 28 - RSR 32 25 NOX RAIN

L X P X H 530 X 270 X 800



ACCESSORIES AND FLUE SYSTEM

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
25-00328	Supplement for higher head pump UPS AOKR 15/60
25-00329	Supplement for higher head pump UPS AOKR 15/70
FLUE SYSTEM	
82052LP	KIT E horizontal pipe Ø 80 mm
82072LP	KIT F vertical pipe Ø 80 mm
82259LA	Frost protection system
52561LP	Vertical adapter for KIT E Ø 80 mm

OUTDOOR



STORAGE

★★★ 92/42/CEE

MAXICOMFORT RAIN

IP X5D

RSA /8

24 KW



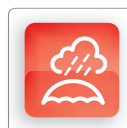
PRODUCT PLUS



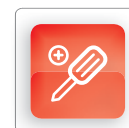
3 stars
sanitary efficiency



memory
function



rain
protection



ease of
access



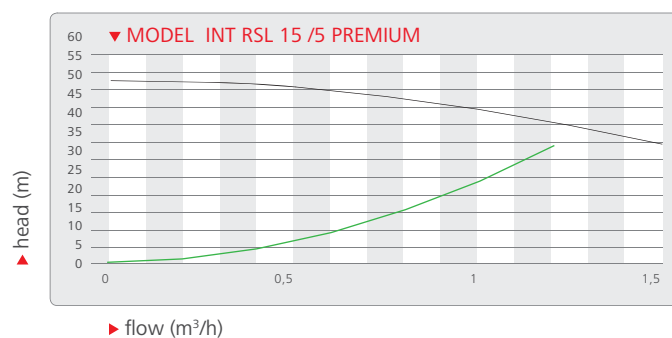
frost
protection system



- Boiler for the central heating and D.H.W. production thru a glass-lined storage tank of 8 l. capacity.
- Duopass system: excellent sanitary performances, regardless the small capacity of the D.H.W. storage tank.
- Specifically designed outdoor cabinet to resist to weathering.
- Easy access and maintenance.
- Digitech TR main P.C.B.
- Anti-frost protection.
- Integrated exchanger, 2 ranges and 7 passages.

PUMP PERFORMANCE

MAXICOMFORT RSA 24 /8 RAIN



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate $\Delta t 30^{\circ}\text{C}$ (l/10min.)
MAXICOMFORT RSA 24 /8 RAIN	M150B001	24 kW	room sealed	93,5 %	91 %	130

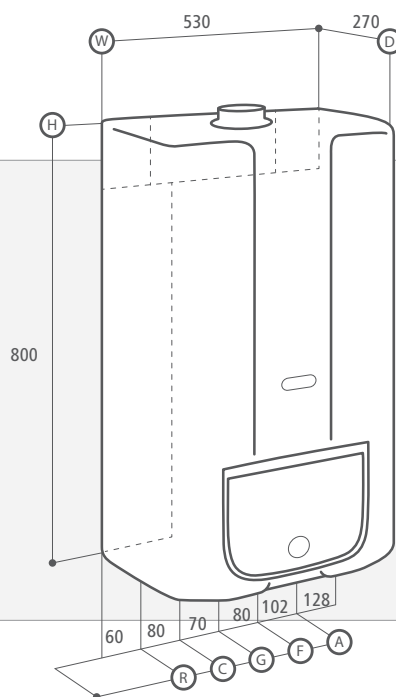
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

MAXICOMFORT RSA 24 /8 RAIN

L X P X H 530 X 270 X 800

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"



ACCESSORIES AND FLUE SYSTEM

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAG.134)

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
25-00033	Supplement for higher head pump RSL 15/6
25-00034	Supplement for higher head pump RSL 15/7
FLUE SYSTEM	
82052LP	KIT E horizontal pipe Ø 80 mm
82072LP	KIT F vertical pipe Ø 80 mm
82259LA	Frost protection system
52561LP	Horizontal adapter Ø 80 mm

OUTDOOR



COMBI

★ ★ ★ 92/42/CEE

COMFORT RAIN

IP X5D

RAIN

24 / 28 KW



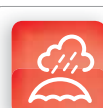
PRODUCT PLUS



3 stars sanitary efficiency



memory function



rain protection



compact size



frost protection system



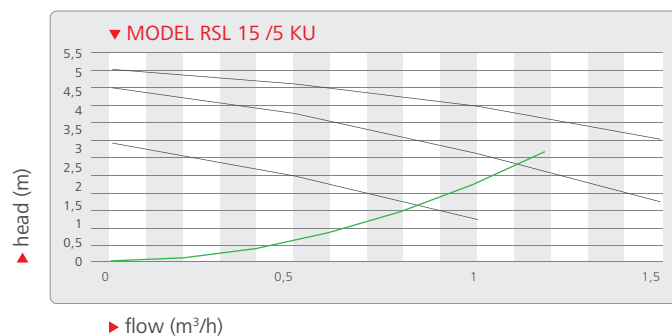
ease of access



- Boilers for the central heating and instantaneous D.H.W. production.
- Specifically designed outdoor cabinet to resist to weathering.
- Perfect fit for installations under the balcony.
- Easy access and maintenance.
- Digitech TR main P.C.B.
- Anti-frost protection.
- Integrated exchanger, 2 ranges and 7 passages.

PUMP PERFORMANCE

COMFORT RAIN 24
COMFORT RAIN 28



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate $\Delta t 30^{\circ}\text{C}$ (l/min.)
COMFORT RAIN 24	M090B001	24 kW	room sealed	93,5 %	91 %	11,5
COMFORT RAIN 28	M090B002	28 kW	room sealed	93,5 %	91,3 %	13,3

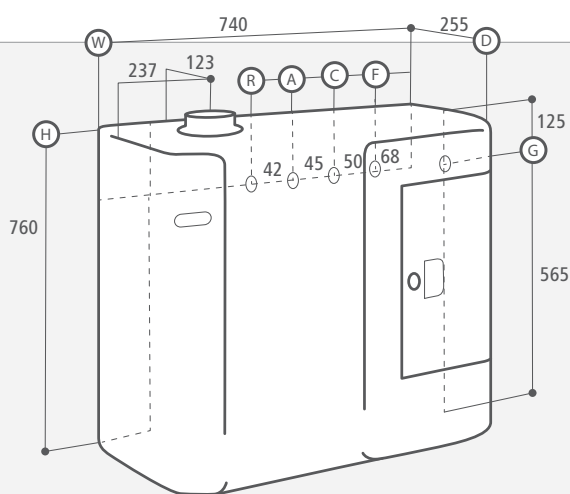
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

COMFORT RAIN 24 - RAIN 28

L X P X H 740 X 255 X 760

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"



ACCESSORIES AND FLUE SYSTEM

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
25-00033	Supplement for higher head pump RSL 15/6
25-00034	Supplement for higher head pump RSL 15/7
FLUE SYSTEM	
82052LP	KIT E horizontal pipe Ø 80 mm
82072LP	KIT F vertical pipe Ø 80 mm
82259LA	Frost protection system
52561LP	Vertical adapter for KIT E Ø 80 mm

IN BOX

COMBI

COMFORT BOX

RSR

24 / 28 / 32 KW



★★★ 92/42/CEE

IP X4D

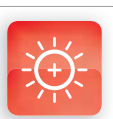
PRODUCT PLUS



3 stars
sanitary efficiency



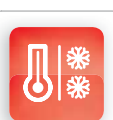
brass
components



solar
integration



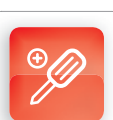
H₂O
fast



frost
protection system



memory
function



ease of
access

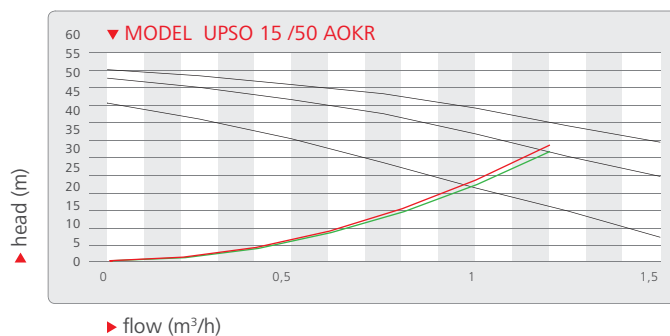


compact
size

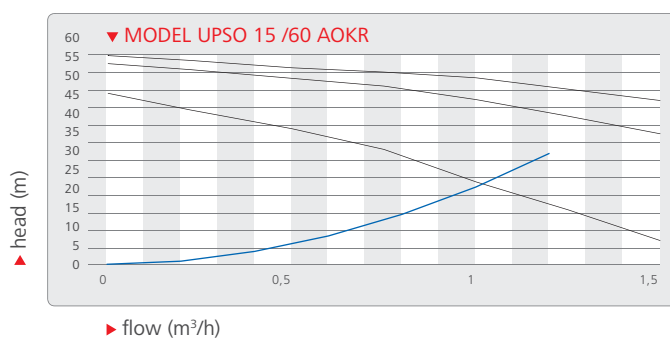
PUMP PERFORMANCE

COMFORT RSR 24 BOX
COMFORT RSR 28 BOX

COMFORT RSR 25 NOx BOX



COMFORT RSR 32 BOX



● Boilers for the central heating and instantaneous D.H.W. production.

● Ideal fit for the first installations thanks to its perfect aesthetical arrangement.

● Easy access and maintenance.

● Digitech TR main P.C.B. , box in common for the various combination units.

● Integrated exchanger, 2 ranges and 7 passages.

MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate Δt 30°C (l/min.)
COMFORT RSR 24 BOX	M060C001	24 kW	room saled	92,8 %	90,5 %	11,5
COMFORT RSR 28 BOX	M060C002	28 kW	room saled	93,5 %	91,3 %	13,3
COMFORT RSR 32 BOX	M060C003	32 kW	room saled	93,8 %	91,8 %	15,5
COMFORT RSR 25 NOX BOX	M060C004	25 kW	room saled	93 %	92,1 %	11,8

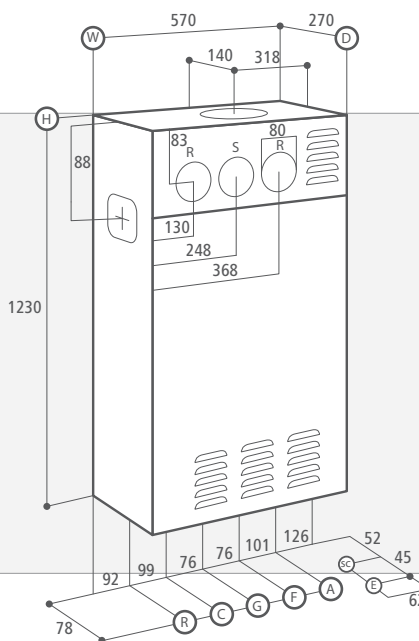
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

COMFORT RSR 24 - RSR 28 - RSR 32 - RSR 25 NOX BOX

L X P X H 570 X 270 X 1230

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"



ACCESSORIES AND FLUE SYSTEM

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
25-00328	Supplement for higher head pump UPS AOKR 15/60
25-00329	Supplement for higher head pump UPS AOKR 15/70
51038LP	Box assembly (LxPxH = 570x270x1230 mm)
FLUE SYSTEM	
82095LP	KIT BOX horizontal pipe Ø 80 mm
82259LP	Frost protection system
82070LP	Vertical adapter for BOX - MAXIBOX Ø 80 mm

IN BOX

**INSTANTANEOUS
COMBINATION BOILER**

ENERGY BOX

RBS

24 KW



★★★ 92/42/CEE

IP X4D

PRODUCT PLUS



frost
protection system



memory
function



ease of
access



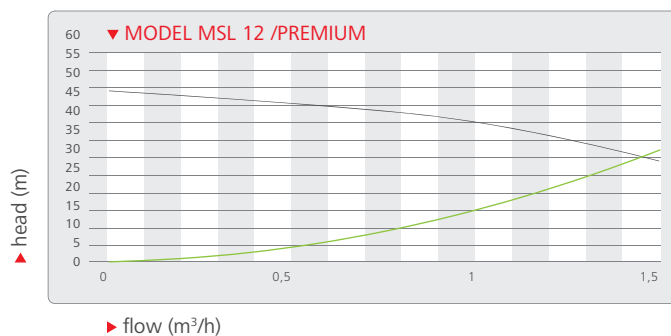
compact
size



- Boiler for the central heating and instantaneous D.H.W. production.
- Ideal fit for the first installations thanks to its perfect aesthetical arrangement.
- Easy access and maintenance.
- Digitech TR main P.C.B.
- Box in common for the various combination units.
- Integrated exchanger, 2 ranges and 7 passages.

PUMP PERFORMANCE

ENERGY RBS 24 BOX



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate $\Delta t 30^{\circ}\text{C}$ (l/min.)
ENERGY RBS 24 BOX	M080C001	24 kW	room sealed	93,3 %	90,1 %	11,37

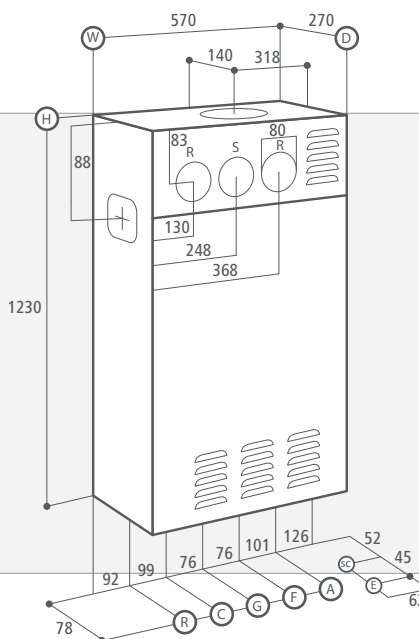
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

ENERGY RBS 24 BOX

L X P X H 570 X 270 X 1230

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"



ACCESSORIES AND FLUE SYSTEM

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
25-00340	Supplement for higher head pump MSL 12/6
25-00341	Supplement for higher head pump MSL 12/7
51038LP	Box assembly (LxPxH = 570x270x1230 mm)
FLUE SYSTEM	
82095LP	KIT BOX horizontal pipe Ø 80 mm
82259LP	Frost protection system
82070LP	Vertical adapter for BOX - MAXIBOX Ø 80 mm

INBOX

STORAGE

MAXICOMFORT BOX

RSA

24 / 25 / 28 / 32 KW



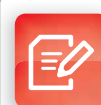
★★★ 92/42/CEE

IP X4D

PRODUCT PLUS



3 stars
sanitary efficiency



memory
function



frost
protection system



legionella
prevention system



ease of
access



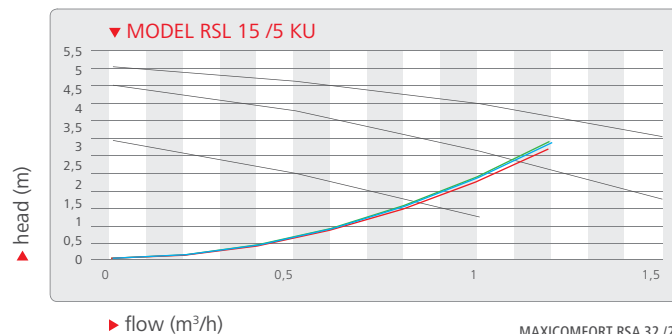
- Boilers for the central heating and D.H.W. production thru a glass-lined storage tank of 8 and 25 l. capacity.
- Duopass system: excellent sanitary performances regardless the small capacity of the D.H.W. tank.
- Ideal fit for the first installations thanks to its perfect aesthetical arrangement.
- Easy access and maintenance.
- Digitech TR main P.C.B.
- Box in common for the various combination units.

PUMP PERFORMANCE

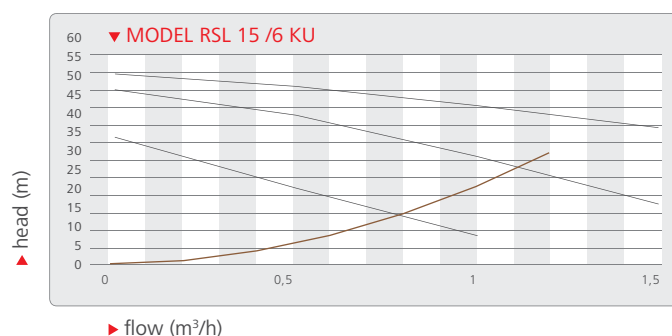
MAXICOMFORT RSA 24 / 8
BOX

MAXICOMFORT RSA 28 / 25
BOX

MAXICOMFORT RSA 25 / 25
NOx BOX



MAXICOMFORT RSA 32 / 25
BOX



MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate Δt 30°C (l/10min.)
MAXICOMFORT RSA 24 /8 BOX	M150C001	24 kW	room sale	93,5 %	91 %	130
MAXICOMFORT RSA 28 /25 BOX	M160C001	28 kW	room sale	93,5 %	91,3 %	150
MAXICOMFORT RSA 32 /25 BOX	M160C002	32 kW	room sale	93,8 %	91,8 %	171,5
MAXICOMFORT RSA 25 /25 NO_x BOX	M160C003	25 kW	room sale	93 %	91,2 %	138

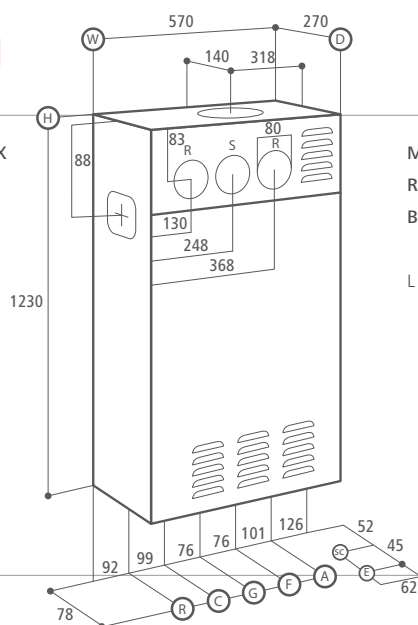
LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

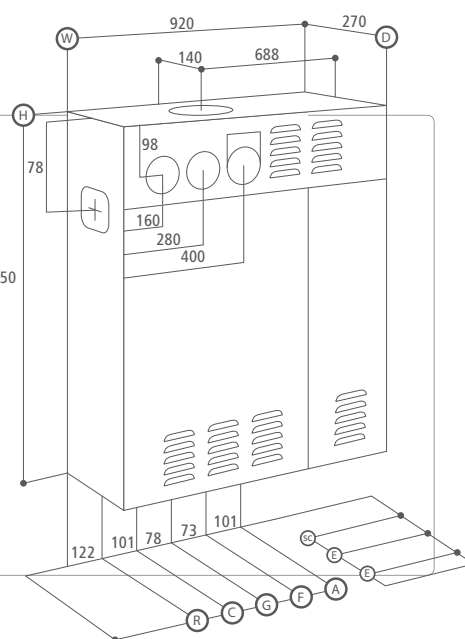
MAXICOMFORT RSA 24 /8 BOX

L x P x H 570 x 270 x 1230

R: RETURN Ø 3/4"
C: HOT WATER Ø 1/2"
G: GAS Ø 3/4"
F: COLD WATER Ø 1/2"
A: INLET Ø 3/4"

MAXICOMFORT RSA 28 /25
RSA 32 /25 - RSA 25 /25 NO_x
BOX

L x P x H 970 x 270 x 1250



ACCESSORIES AND FLUE SYSTEM

WE RECOMMEND THE INSTALLATION OF AN ELECTRONIC ANODE (PAG.134)

PART NUMBER	DESCRIPTION
CONTROL	
40-00017	Easy remote - remote controller
86047LA	WEEK - remote controller
86046LA	DAY - Daily programmable thermostat
73518LA	Outside temperature sensor
HYDRAULIC	
25-00033	Supplement for higher head pump RSL 15/6
25-00034	Supplement for higher head pump RSL 15/7
51038LP	Box assembly (LxPxH = 570x270x1230 mm)
51020LA	Maxibox assembly (LxPxH = 920x270x1250 mm)
FLUE SYSTEM	
82095LP	KIT BOX horizontal pipe Ø 80 mm
82259LP	Frost protection system
82070LP	Vertical adapter for BOX - MAXIBOX Ø 80 mm

INDOOR WATER HEATERS



WATER HEATERS

IP X4D

FLUTRONIC

S - SF

24 KW



PRODUCT PLUS



ease of
access



compact
size



- Gas instantaneous water heater.
- Fully diagnostics.
- Easy access and maintenance. P.C.B. and solar integration.

MODEL	NAT. GAS part number	HEATING output	CHAMBER	EFFICIENCY 100% Pn	EFFICIENCY 30% Pn	SPECIFIC flow rate Δt 30°C (l/min.)
FLUTRONIC SF 14	M460A002	24 kW	room sealed	87,5 %	86 %	11,4
FLUTRONIC S 14	M450A001	24 kW	open flue	87 %	86 %	11,2

LPG part number: replace the letter **M** with the letter **G**

DIMENSIONS mm

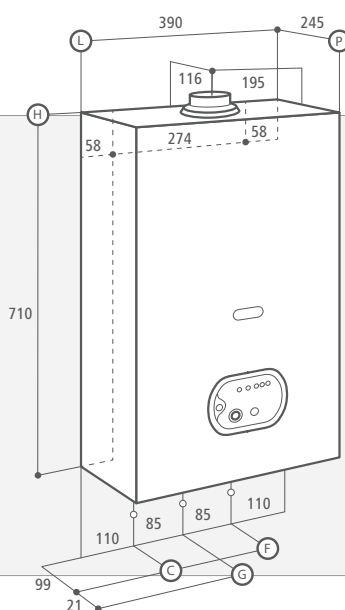
FLUTRONIC SF 14 - S 14

L X P X H 390 X 245 X 710

C: HOT WATER Ø 1/2"

G: GAS Ø 1/2"

F: COLD WATER Ø 1/2"



ACCESSORIES AND FLUE SYSTEM










[illegible]

GAS BOILERS



ACCESSORIES

CONTROL - HYDRAULIC





	EASY REMOTE - boiler remote control, it operates as a programmable thermostat and remote control of the appliance	part number: 40-00017
	WEEK - Weekly programmable thermostat It is a weekly programmable thermostat and runs two different temperatures: day-night.	part number: 86047LA
	DAY - Daily programmable thermostat It is a daily programmable thermostat and runs two different temperatures: day-night.	part number: 86046LA
	KIT ZONE VALVES - It runs various zones in addition to the room thermostat.	part number: 65-00030
	OUTDOOR PROBE – It enables the appliance to run at adjustable temperature.	part number: 73518LA
	BOX ASSEMBLY - mm 570x270x1230	part number: 51038LP
	MAXI BOX ASSEMBLY - mm 920x270x1230	part number: 51020LA
	ELECTRONIC ANODE	200 lt. part number: 25-00211 from 200 to 1000 lt. part number: 25-00209
	MONO COIL TANK LT. 150 teflon	part number: 20045LA

GAS BOILERS



ACCESSORIES

CONTROL - HYDRAULIC

	<p>I-MODULE APPLICATION</p> <p>part number: 40-00191</p>
	<p>INTEGRATED RE-CIRCULATION KIT</p> <p>part number: 24065LP</p>
	<p>KIT FLEXIBLES</p> <p>part number: 68071LP</p>
	<p>FITTINGS WITH SQUARE TAP AND FILTER</p> <p>part number: 68361LP</p>

GAS BOILERS



FLUE SYSTEM KIT

ALUMINIUM | COAXIAL | INDOOR

ACCESSORIES
CLASSIC



KIT A - HORIZONTAL COAXIAL FLUE KIT Ø 60/100 mm part number: 82101LP



KIT G - HORIZONTAL COAXIAL FLUE KIT Ø 80/125 mm part number: 82081LP



KIT C2 - VERTICAL COAXIAL FLUE KIT Ø 80/125 mm part number: 82111LP

GAS BOILERS



FLUE SYSTEM KIT

ALUMINIUM | TWIN PIPE | INDOOR



KIT B - TWIN PIPE FLUE KIT Ø 80/80 mm

part number: 82100LP



KIT D - TWIN PIPE FLUE KIT Ø 80/80 mm

part number: 82053LP

ACCESSORIES
CLASSIC

GAS BOILERS



PIPE FLUE SYSTEM KIT

ALUMINIUM | INBOX | OUTDOOR



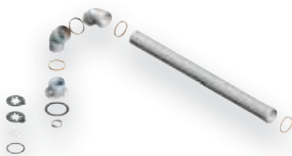
KIT E - HORIZONTAL PIPE Ø 80 mm
OUTDOOR INSTALLATION

part number: 82052LP



KIT F - VERTICAL PIPE Ø 80 mm
OUTDOOR INSTALLATION

part number: 82072LP



KIT BOX - HORIZONTAL PIPE Ø 80 mm
IN BOX INSTALLATION

part number: 82095LP








ACCESSORIES
CLASSIC

GAS BOILERS



FLUE SYSTEM ACCESSORIES

ALUMINUM | HORIZONTAL COAXIAL | Ø 60/100 mm

	coaxial vertical adapter Ø 60/100 mm L=113 mm c/w flanges test point Ø 100 mm	part number: 82045LP
	bend+vertical coaxial 60/100 mm L=113 mm c/w test points, strip, manifold and adjustable diaphragms Ø 100 mm	part number: 50-00107
	90° coaxial flue bend Ø 60/100 mm c/w band and adapter	part number: 82009LP
	90° coaxial flue bend Ø 60/100 mm c/w band and adapter + diaphragms	part number: 27093LA
	90° coaxial flanged flue bend Ø 60/100 mm	part number: 82102LP
	coaxial extension MF Ø 60/100 mm L=1000 mm c/w spacer spring	part number: 82036LP
	coaxial extension MF Ø 60/100 mm L=500 mm c/w spacer spring	part number: 82210LA


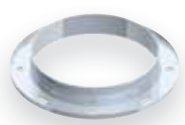







GAS BOILERS



FLUE SYSTEM ACCESSORIES

ALUMINIUM | HORIZONTAL COAXIAL | Ø 60/100 mm

ACCESSORIES
CLASSIC





	flue terminal KIT A Ø 60 mm	part number: 80012LA
	flue gas flange Ø 100 mm	part number: 27014LA
	fixing clamp Ø 100 mm	part number: 38516LA
	clamp + adapter Ø 95/100 mm connection bend - extension	part number: 82031LP
	connection bend - bend Ø 95/95 mm	part number: 82074LP
	wall plate Ø 100 mm - rubber	part number: 43012LA
	rubber adapter Ø 95/100 mm connection bend - extension	part number: 43056LA
	rubber adapter Ø 100/100 mm connection bend - extension	part number: 43192LA
	rubber adapter Ø 95/95 mm connection bend - bend	part number: 43111LA

GAS BOILERS



FLUE SYSTEM ACCESSORIES

ALUMINUM | HORIZONTAL COAXIAL | Ø 60/100 mm

	neoprene washer Ø 98/128 mm	part number: 43085LA
	double lip rubber washer Ø 60 mm	part number: 43103LA
	coaxial flue pipe spacer Ø 60/100 mm	part number: 54002LA
	adjustable diaphragms Ø 100 mm	part number: 64112LA

ACCESSORIES
CLASSIC









GAS BOILERS



FLUE SYSTEM ACCESSORIES

ALUMINIUM | HORIZONTAL COAXIAL | Ø 80/125 mm

ACCESSORIES
CLASSIC









	vertical flanged coaxial connection MF Ø 60/100 mm c/w test points and gaskets	part number: 27090LA
	coaxial adapter MF Ø 60/100 mm - 80/125 mm	part number: 27063LA
	90° coaxial flue bend Ø 80/125 mm	part number: 27051LA
	45° coaxial flue bend Ø 80/125 mm	part number: 27057LA
	coaxial extension MF Ø 80/125 mm L=1000 mm	part number: 82082LA
	roof slate for flat type roof	part number: 27058LA
	roof slate for slope type roof	part number: 27059LA
	adjustable diaphragms Ø 100 mm	part number: 64112LA

GAS BOILERS



FLUE SYSTEM ACCESSORIES

ALUMINIUM | VERTICAL COAXIAL | Ø 80/125 mm

	vertical flanged coaxial connection MF Ø 60/100 mm c/w test points and gaskets	part number: 27090LA
	coaxial adapter MF Ø 60/100 mm - 80/125 mm	part number: 27063LA
	90° coaxial flue bend Ø 80/125 mm	part number: 27051LA
	45° coaxial flue bend Ø 80/125 mm	part number: 27057LA
	coaxial extension MF Ø 80/125 mm L=1000 mm	part number: 82082LA
	roof slate for flat type roof	part number: 27058LA
	roof slate for slope type roof	part number: 27059LA
	adjustable diaphragms Ø 100 mm	part number: 64112LA

GAS BOILERS



FLUE SYSTEM ACCESSORIES

ALUMINIUM | HORIZONTAL TWIN PIPE | Ø 80/80 mm

ACCESSORIES
CLASSIC

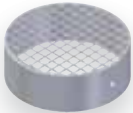







	flue / fresh air union rings MF Ø 80 mm c/w test points, gaskets and adjustable diaphragms Ø 80 mm	part number: 52597LP
	air intake / flue exhaust adaptor Ø 80/80 mm	part number: 50-00129
	90° bend MF Ø 80 mm	part number: 82032LP
	90° flue bend MF Ø 80 mm	part number: 82037LP
	90° bend MF Ø 80 mm c/w test point	part number: 82044LP
	45° flue bend MF Ø 80 mm c/w gasket	part number: 27028LA
	condensate trap MF Ø 80 mm L=113 mm	part number: 27018LA
	extension MF Ø 80 mm L=1000 mm	part number: 82035LP
	clamp - adapter Ø 80 mm	part number: 82034LP

GAS BOILERS



FLUE SYSTEM ACCESSORIES

ALUMINIUM | HORIZONTAL TWIN PIPE | Ø 80/80 mm

	stainless steel terminal Ø 80 mm	part number: 80003LA
	air intake terminal Ø 80 mm (only kit B)	part number: 80004LA
	air intake terminal Ø 80 mm outdoor installation (only kit B)	part number: 80005LA
	wall plate Ø 80 mm - rubber (only kit B)	part number: 43090LA
	rubber gasket Ø 80 mm	part number: 43057LA
	neoprene gasket Ø 98/128 mm	part number: 43085LA
	neoprene gasket Ø 98/80 mm	part number: 43088LA
	adjustable diaphragms Ø 80 mm	part number: 64053LA

ACCESSORIES
CLASSIC









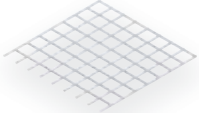
GAS BOILERS



FLUE SYSTEM PIPE ACCESSORIES

ALUMINIUM | HORIZONTAL | OUTDOOR | Ø 80 mm

ACCESSORIES
CLASSIC










	vertical smoke flue connection MF Ø 80 mm c/w gasket, metallic mesh and adjustable diaphragms Ø 80 mm	part number: 52561LP
	90° bend MF Ø 80 mm	part number: 82032LP
	90° flue bend MF Ø 80 mm	part number: 82037LP
	90° high range bend MF Ø 80 mm c/w test point	part number: 82044LP
	45° flue bend MF Ø 80 mm c/w gasket	part number: 27028LA
	condensate trap MF Ø 80 mm L=113 mm	part number: 27018LA
	extension MF Ø 80 mm L=1000 mm	part number: 82035LP
	clamp - adapter Ø 80 mm	part number: 82034LP
	wire mesh	part number: 44509LP

GAS BOILERS



FLUE SYSTEM PIPE ACCESSORIES

ALUMINIUM | HORIZONTAL | OUTDOOR | Ø 80 mm

	flue terminal Ø 80 mm stainless steel - outdoor installation	part number: 80013LA
	flue terminal / air intake Ø 80 mm outdoor installation	part number: 80005LA
	flue terminal / air intake Ø 80 mm outdoor installation	part number: 80005LA
	rubber wall plate - rain protection	part number: 43102LA
	rubber gasket Ø 80 mm (only kit E)	part number: 43057LA
	double lip rubber gasket Ø 60 mm	part number: 43103LA
	double lip rubber gasket Ø 80 mm	part number: 43105LA
	neoprene gasket Ø 98/128 mm	part number: 43085LA
	adjustable diaphragms Ø 80 mm	part number: 64053LA

ACCESSORIES
CLASSIC










GAS BOILERS



FLUE SYSTEM PIPE ACCESSORIES

ALUMINIUM | HORIZONTAL | IN BOX | Ø 80 mm

ACCESSORIES
CLASSIC

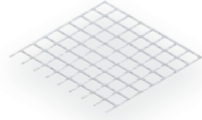

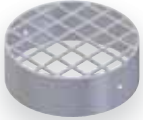




	smokes terminal union ring MF Ø 80 mm c/w gasket, wire mesh and adjustable diaphragms Ø 80 mm	part number: 82070LP
	smokes / fresh air union rings MF Ø 80 mm c/w smokes test point, gasket, adjustable diaphragms Ø80	part number: 52597LP
	90° bend MF Ø 80 mm	part number: 82032LP
	90° flue bend MF Ø 80	part number: 82037LP
	90° bend MF Ø 80 mm c/w test point	part number: 82044LP
	45° flue bend MF Ø 80 mm c/w gasket	part number: 27028LA
	condensate trap MF Ø 80 mm L=113 mm	part number: 27018LA
	extension MF Ø 80 mm L=1000 mm	part number: 82035LP
	clamp - adapter Ø 80 mm	part number: 82034LP

GAS BOILERS



FLUE SYSTEM PIPE ACCESSORIES

ALUMINIUM | HORIZONTAL | IN BOX | Ø 80 mm

	wire mesh	part number: 44509LP
	stainless steel terminal Ø 80 mm	part number: 80003LA
	air intake terminal Ø 80 mm	part number: 80004LA
	air intake terminal Ø 80 mm outdoor installation	part number: 80005LA
	rubber gasket Ø 80 mm	part number: 43057LA
	neoprene gasket Ø 98/128 mm	part number: 43085LA
	adjustable diaphragms Ø 80 mm	part number: 64053LA

ACCESSORIES
CLASSIC





RADIANT SERVICE

- TECHNOLOGY
- CLASSIC
- SOLAR-TECH
- HIGH-POWER

TECHNICAL DATA

Condensing boilers	page	126
Classic boilers	page	132
Low NOx boilers	page	137



MODELS		RH 25 RH 25 /B	RK 13 RK 13 /B	RK 18 RK 18 /B	RK 25 RK 25 /B	RK 34 RK 34 /B
CE certification	n°	0694CO7385	0694CO7385	0694CO7385	0694CO7385	0694CO7385
Appliance Category	cat	II2H3+	II2H3B/P	II2H3B/P	II2H3B/P	II2H3B/P
-	type	*4	*5	*5	*5	*5
Energy efficiency labeling (92/42/ECC directive)	stars	4	4	4	4	4
Energy efficiency labeling EN 13203	stars	-	-	-	-	-
Nominal input (max.)	kW	26	13	18	25	34
Sanitary nominal input (max.)	kW	-	-	-	-	-
Nominal input (min.)	kW	18	1,9	4	9	10
Sanitary nominal input (min.)	kW	-	-	-	-	-
Heat Output max. - 60/80°C	kW	24,93	12,62	17,69	24,35	33,42
Heat Output min. - 60/80°C	kW	17,23	1,86	3,90	8,73	9,73
Heat Output max. - 30/50°C	kW	26,44	13,85	19,26	26,65	36,24
Heat Output 30 % (minimum load - 30°C)	kW	24,66	13,75	19,13	26,05	36,06
Efficiency 100% (full load - 60/80°C)	%	95,90%	97,10%	98,30%	97,40%	98,30%
Medium efficiency (full load- 60/80°C)	%	95,50%	97,60%	98,70%	97,60%	98,10%
Efficiency 30% (partial load - flow return 47°C)	%	94,70%	102,00%	101,10%	99,60%	100,70%
Efficiency 30% (partial load - flow return 30°C)	%	98,90%	108,90%	108,10%	107,00%	107,90%
Efficiency (minimum load - 60/80°C)	%	95,70%	98,00%	97,40%	97,00%	97,30%
Efficiency 100% (full load - 30/50°C)	%	101,70%	106,50%	107,00%	106,60%	106,60%
Efficiency (minimum load - 30/50°C)	%	-	-	-	-	-
Combustion Efficiency - (full load)	%	97,20%	97,70%	97,49%	97,80%	97,40%
Combustion Efficiency - (minimum load)	%	96,00%	97,90%	97,57%	97,90%	97,60%
Flue efficiency losses with burner on (full load)	%	2,80%	2,30%	2,51%	2,20%	2,60%
Flue efficiency losses with burner on (minimum load)	%	4,00%	2,10%	2,43%	2,10%	2,40%
Flue gas temperature at full load	°C	68,2	66,5	71	65	73,3
Flue gas temperature at minimum load	°C	66,6	63,9	68	61,7	65
CO2 value at full load	%	7,31%	9,50%	9,30%	9,40%	9,18%
CO2 value at minimum load	%	4,62%	9,19%	9,00%	8,80%	8,62%
CO value at nominal load	ppm	48	100	100	110	100
CO value at minimum load	ppm	8	3	2	10	6
Weighted CO (0% O2)	ppm	8	7	7	11	10
Casing efficiency losses (full load)	%	1,30%	0,60%	-0,81%	0,40%	-0,90%
Casing efficiency losses (minimum load)	%	0,30%	-0,10%	0,17%	0,90%	0,30%
Flue Mass at full load	kg/h	15,41	7,86	7,86	10,92	15,24
Flue Mass at minimum load	kg/h	15,40	1,80	1,80	4,18	4,76
NOx class	class	1	5	5	5	5
Weighted Nox (0% O2) ppm	ppm	127	28	20	23	18
Weighted Nox (0% O2) mg/kWh	mg/kWh	224	49	35	40	32
Central Heating water temperature setting	°C	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45
Max. heating working temperature	°C	95	95	95	95	95
Max. working pressure (heating)	bar	3	3	3	3	3
Min. working pressure (heating)	bar	0,3	0,3	0,3	0,3	0,3
Expansion vessel pre-charge pressure	bar	1	1	1	1	1
Expansion vessel capacity	litri	8	7	7	7	7
D.H.W. temperature setting	°C	-	-	-	-	-
Max. Hot water working pressure	bar	-	-	-	-	-
Min. Hot water working pressure	bar	-	-	-	-	-
Storage cylinder capacity	litres	-	-	-	-	-
D.H.W. flow rate at ΔT 30°C	litres/min	-	-	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 1 hour	litres	-	-	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	litres	-	-	-	-	-
D.H.W. Circuit expansion vessel capacity	litres	-	-	-	-	-
Width	mm	450	410	410	415	410
Depth	mm	330	290	290	290	320
height	mm	790	730	730	730	730
Weight (boiler only)	Kg	46	33	36	38	40
-	mm	-	-	-	-	-
Min. Flue length	m	-	-	-	-	-
Max. Flue length	m	-	-	-	-	-
Max. Flue length (180 Hz)	m	-	-	-	-	-
Ø60/100 Max. Flue length	m	3	12	6	5	3
Ø80/125 Max. Flue length	m	-	-	12	10	8
Ø60/60 Max. Flue length	m	-	50	30	30	30
Ø80/80 Max. Flue length	m	24	50	50	50	50
Ø80 Max. Flue length	m	12	25	25	25	25
Ø60/100 Max. Flue length	m	3	12	6	5	3
Ø80/125 Max. Flue length	m	-	-	12	10	8
Ø80 Max. Flue length	m	12	25	25	25	25
Voltage-Frequency	V/Hz	230/50	230/50	230/50	230/50	220-230/50
Maximum electrical consumption	W	145	130	130	138	138
Electrical IP degree	IP	X4D	X4D	X4D	X4D	X4D

TECHNICAL DATA - TECHNOLOGY



MODELS		R2K 24	R2K 28	RKR 24	RKR 28	RKR 34
CE certification	n°	0694CO7385	0694BN3485	0694CO7385	0694CO7385	0694CO7385
Appliance Category	cat	II2H3B/P	II2H3B/P	II2H3B/P	II2H3B/P	II2H3B/P
-	type	*5	*5	*5	*5	*5
Energy efficiency labeling (92/42/ECC directive)	stars	4	4	4	4	4
Energy efficiency labeling EN 13203	stars	3	-	-	3	-
Nominal input (max.)	kW	18	25	18	25	34
Sanitary nominal input (max.)	kW	23,5	27	23,5	28,5	34
Nominal input (min.)	kW	2,9	3,7	4	9	10
Sanitary nominal input (min.)	kW	2,9	3,7	4	7	10
Heat Output max. - 60/80°C	kW	17,64	24,63	17,69	24,35	33,42
Heat Output min. - 60/80°C	kW	2,82	3,50	3,90	8,73	9,73
Heat Output max. - 30/50°C	kW	18,99	26,45	19,26	26,65	36,24
Heat Output 30 % (minimum load - 30°C)	kW	18,96	26,55	19,13	26,05	36,06
Efficiency 100% (full load - 60/80°C)	%	98,00%	98,51%	98,30%	97,40%	98,30%
Medium efficiency (full load- 60/80°C)	%	98,10%	98,70%	98,70%	97,60%	98,10%
Efficiency 30% (partial load - flow return 47°C)	%	101,20%	99,10%	101,10%	99,60%	100,70%
Efficiency 30% (partial load - flow return 30°C)	%	107,50%	107,80%	108,10%	107,00%	107,90%
Efficiency (minimum load - 60/80°C)	%	97,40%	94,60%	97,40%	97,00%	97,30%
Efficiency 100% (full load - 30/50°C)	%	105,50%	105,80%	107,00%	106,60%	106,60%
Efficiency (minimum load - 30/50°C)	%	104,20%	-	-	-	-
Combustion Efficiency - (full load)	%	97,90%	97,70%	97,49%	97,80%	97,40%
Combustion Efficiency - (minimum load)	%	98,90%	98,20%	97,57%	97,90%	97,60%
Flue efficiency losses with burner on (full load)	%	2,10%	2,30%	2,51%	2,20%	2,60%
Flue efficiency losses with burner on (minimum load)	%	1,10%	1,80%	2,43%	2,10%	2,40%
Flue gas temperature at full load	°C	73,65	70,3	71	65	73,3
Flue gas temperature at minimum load	°C	49,9	60,7	68	61,7	65
CO2 value at full load	%	9,44%	9,32%	9,30%	9,40%	9,18%
CO2 value at minimum load	%	9,04%	9,06%	9,00%	8,80%	8,62%
CO value at nominal load	ppm	41	60	100	110	100
CO value at minimum load	ppm	1	1	2	10	6
Weighted CO (0% O2)	ppm	2	5	7	11	10
Casing efficiency losses (full load)	%	-0,10%	-0,81%	-0,81%	0,40%	-0,90%
Casing efficiency losses (minimum load)	%	1,50%	3,60%	0,17%	0,90%	0,30%
Flue Mass at full load	kg/h	7,88	11,02	7,86	10,92	15,24
Flue Mass at minimum load	kg/h	1,33	1,78	1,80	4,18	4,76
NOx class	class	5	5	5	5	5
Weighted Nox (0% O2) ppm	ppm	11	21	20	23	18
Weighted Nox (0% O2) mg/KWh	mg/KWh	20	37	35	40	32
Central Heating water temperature setting	°C	30-80 / 25-45	30-80 / 25-40	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45
Max. heating working temperature	°C	95	95	95	95	95
Max. working pressure (heating)	bar	3	3	3	3	3
Min. working pressure (heating)	bar	0,3	0,3	0,3	0,3	0,3
Expansion vessel pre-charge pressure	bar	1	1	1	1	1
Expansion vessel capacity	litri	8	8	7	7	7
D.H.W. temperature setting	°C	35-60	35-60	35-60	35-60	35-60
Max. Hot water working pressure	bar	6	6	6	6	6
Min. Hot water working pressure	bar	0,5	0,5	0,5	0,5	0,5
Storage cylinder capacity	litres	-	-	-	-	-
D.H.W. flow rate at ΔT 30°C	litres/min	11,5	13,22	11,03	13,4	16
Continuous hot water supply - ΔT 30° - mixed water - 1 hour	litres	-	-	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	litres	-	-	-	-	-
D.H.W. Circuit expansion vessel capacity	litres	-	-	-	-	-
Width	mm	410	410	415	410	410
Depth	mm	307	307	290	290	320
height	mm	642	642	730	730	750
Weight (boiler only)	Kg	35	37	38	40	44
-	mm	-	-	-	-	-
Min. Flue length	m	-	-	-	-	-
Max. Flue length	m	-	-	-	-	-
Max. Flue length (180 Hz)	m	-	-	-	-	-
Ø60/100 Max. Flue length	m	10	6	6	6	3
Ø80/125 Max. Flue length	m	-	-	12	10	8
Ø60/60 Max. Flue length	m	14	-	30	30	30
Ø80/80 Max. Flue length	m	50	40	50	50	50
Ø80 Max. Flue length	m	25	20	25	25	25
Ø60/100 Max. Flue length	m	10	6	6	6	3
Ø80/125 Max. Flue length	m	-	-	12	10	8
Ø80 Max. Flue length	m	25	20	25	25	25
Voltage-Frequency	V/Hz	230/50	230/50	230/50	230/50	220-230/50
Maximum electrical consumption	W	130	130	133	138	138
Electrical IP degree	IP	X4D	X4D	X4D	X4D	X4D



MODELS		RHA 25 /20	RKA 24 /8	RKA 24 /20	RKA 28 /20	RKA 34 /20
CE certification	n°	0694CO7385	0694CO7385	0694CO7385	0694CO7385	0694CO7385
Appliance Category	cat	II2H3+	II2H3B/P	II2H3B/P	II2H3B/P	II2H3B/P
-	type	*4	*5	*5	*5	*5
Energy efficiency labeling (92/42/ECC directive)	stars	4	4	4	4	4
Energy efficiency labeling EN 13203	stars	-	3	-	3	-
Nominal input (max.)	kW	26	18	18	25	34
Sanitary nominal input (max.)	kW	26	23,5	23,5	28,5	34
Nominal input (min.)	kW	18	4	4	9	10
Sanitary nominal input (min.)	kW	12,5	4	4	7	10
Heat Output max. - 60/80°C	kW	24,93	17,69	17,69	24,35	33,42
Heat Output min. - 60/80°C	kW	17,23	3,90	3,90	8,73	9,73
Heat Output max. - 30/50°C	kW	26,44	19,26	19,26	26,65	36,24
Heat Output 30 % (minimum load - 30°C)	kW	24,66	19,13	19,13	26,05	36,06
Efficiency 100% (full load - 60/80°C)	%	95,90%	98,30%	98,30%	97,40%	98,30%
Medium efficiency (full load- 60/80°C)	%	95,50%	98,70%	98,70%	97,60%	98,10%
Efficiency 30% (partial load - flow return 47°C)	%	94,70%	101,10%	101,10%	99,60%	100,70%
Efficiency 30% (partial load - flow return 30°C)	%	98,90%	108,10%	108,10%	107,00%	107,90%
Efficiency (minimum load - 60/80°C)	%	95,70%	97,40%	97,40%	97,00%	97,30%
Efficiency 100% (full load - 30/50°C)	%	101,70%	107,00%	107,00%	106,60%	106,60%
Efficiency (minimum load - 30/50°C)	%	-	-	-	-	-
Combustion Efficiency - (full load)	%	97,20%	97,49%	97,49%	97,80%	97,40%
Combustion Efficiency - (minimum load)	%	96,00%	97,57%	97,57%	97,90%	97,60%
Flue efficiency losses with burner on (full load)	%	2,80%	2,51%	2,51%	2,20%	2,60%
Flue efficiency losses with burner on (minimum load)	%	4,00%	2,43%	2,43%	2,10%	2,40%
Flue gas temperature at full load	°C	68,2	71	71	65	73,3
Flue gas temperature at minimum load	°C	66,6	68	68	61,7	65
CO2 value at full load	%	7,31%	9,30%	9,30%	9,40%	9,18%
CO2 value at minimum load	%	4,62%	9,00%	9,00%	8,80%	8,62%
CO value at nominal load	ppm	48	100	100	110	100
CO value at minimum load	ppm	8	2	2	10	6
Weighted CO (0% O2)	ppm	8	7	7	11	10
Casing efficiency losses (full load)	%	1,30%	-0,81%	-0,81%	0,40%	-0,90%
Casing efficiency losses (minimum load)	%	0,30%	0,17%	0,17%	0,90%	0,30%
Flue Mass at full load	kg/h	15,41	7,86	7,86	10,92	15,24
Flue Mass at minimum load	kg/h	15,40	1,80	1,80	4,18	4,76
NOx class	class	1	5	5	5	5
Weighted Nox (0% O2) ppm	ppm	127	20	20	23	18
Weighted Nox (0% O2) mg/kWh	mg/kWh	224	35	35	40	32
Central Heating water temperature setting	°C	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45
Max. heating working temperature	°C	95	95	95	95	95
Max. working pressure (heating)	bar	3	3	3	3	3
Min. working pressure (heating)	bar	0,3	0,3	0,3	0,3	0,3
Expansion vessel pre-charge pressure	bar	1	1	1	1	1
Expansion vessel capacity	litri	10	8	10	10	10
D.H.W. temperature setting	°C	35-60	35-60	35-60	35-60	35-60
Max. Hot water working pressure	bar	8	8	8	8	8
Min. Hot water working pressure	bar	0,5	0,5	0,5	0,5	0,5
Storage cylinder capacity	litres	20	8	20	20	20
D.H.W. flow rate at ΔT 30°C	litres/min	-	-	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 1 hour	litres	744	696	708	852	1011
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	litres	137	120	131	155	181
D.H.W. Circuit expansion vessel capacity	litres	1	-	1	1	1
Width	mm	490	450	490	490	490
Depth	mm	450	330	480	480	480
height	mm	900	790	900	900	900
Weight (boiler only)	Kg	74	46	64	66	68
-	mm	-	-	-	-	-
Min. Flue length	m	-	-	-	-	-
Max. Flue length	m	-	-	-	-	-
Max. Flue length (180 Hz)	m	-	-	-	-	-
Ø60/100 Max. Flue length	m	3	6	6	6	3
Ø80/125 Max. Flue length	m	-	12	12	10	8
Ø60/60 Max. Flue length	m	-	30	30	30	30
Ø80/80 Max. Flue length	m	24	50	50	50	50
Ø80 Max. Flue length	m	12	25	25	25	25
Ø60/100 Max. Flue length	m	3	6	6	6	3
Ø80/125 Max. Flue length	m	-	12	12	10	8
Ø80 Max. Flue length	m	12	25	25	25	25
Voltage-Frequency	V/Hz	230/50	230/50	230/50	230/50	220-230/50
Maximum electrical consumption	W	145	133	133	138	158
Electrical IP degree	IP	X4D	X4D	X4D	X4D	X4D

TECHNICAL DATA - TECHNOLOGY



MODELS		RHR 25	RKG 13	RKG 18	RKG 25	RKG 34
CE certification	n°	0694CO7385	0694CO7385	0694CO7385	0694CO7385	0694CO7385
Appliance Category	cat	II2H3+	II2H3B/P	II2H3B/P	II2H3B/P	II2H3B/P
-	type	*4	*5	*5	*5	*5
Energy efficiency labeling (92/42/ECC directive)	stars	4	4	4	4	4
Energy efficiency labeling EN 13203	stars	-	-	-	-	-
Nominal input (max.)	kW	26	13	18	25	34
Sanitary nominal input (max.)	kW	26	-	-	-	-
Nominal input (min.)	kW	18	1,9	4	9	10
Sanitary nominal input (min.)	kW	12,5	-	-	-	-
Heat Output max. - 60/80°C	kW	24,93	12,62	17,69	24,35	33,42
Heat Output min. - 60/80°C	kW	17,23	1,86	3,90	8,73	9,73
Heat Output max. - 30/50°C	kW	26,44	13,85	19,26	26,65	36,24
Heat Output 30 % (minimum load - 30°C)	kW	24,66	13,75	19,13	26,05	36,06
Efficiency 100% (full load - 60/80°C)	%	95,90%	97,10%	98,30%	97,40%	98,30%
Medium efficiency (full load- 60/80°C)	%	95,50%	97,60%	98,70%	97,60%	98,10%
Efficiency 30% (partial load - flow return 47°C)	%	94,70%	102,00%	101,10%	99,60%	100,70%
Efficiency 30% (partial load - flow return 30°C)	%	98,90%	108,90%	108,10%	107,00%	107,90%
Efficiency (minimum load - 60/80°C)	%	95,70%	98,00%	97,40%	97,00%	97,30%
Efficiency 100% (full load - 30/50°C)	%	101,70%	106,50%	107,00%	106,60%	106,60%
Efficiency (minimum load - 30/50°C)	%	-	-	-	-	-
Combustion Efficiency - (full load)	%	97,20%	97,70%	97,49%	97,80%	97,40%
Combustion Efficiency - (minimum load)	%	96,00%	97,90%	97,57%	97,90%	97,60%
Flue efficiency losses with burner on (full load)	%	2,80%	2,30%	2,51%	2,20%	2,60%
Flue efficiency losses with burner on (minimum load)	%	4,00%	2,10%	2,43%	2,10%	2,40%
Flue gas temperature at full load	°C	68,2	66,5	71	65	73,3
Flue gas temperature at minimum load	°C	66,6	63,9	68	61,7	65
CO2 value at full load	%	7,31%	9,50%	9,30%	9,40%	9,18%
CO2 value at minimum load	%	4,62%	9,19%	9,00%	8,80%	8,62%
CO value at nominal load	ppm	48	100	100	110	100
CO value at minimum load	ppm	8	3	2	10	6
Weighted CO (0% O2)	ppm	8	7	7	11	10
Casing efficiency losses (full load)	%	1,30%	0,60%	-0,81%	0,40%	-0,90%
Casing efficiency losses (minimum load)	%	0,30%	-0,10%	0,17%	0,90%	0,30%
Flue Mass at full load	kg/h	15,41	7,86	7,86	10,92	15,24
Flue Mass at minimum load	kg/h	15,40	1,80	1,80	4,18	4,76
NOx class	class	1	5	5	5	5
Weighted Nox (0% O2) ppm	ppm	127	28	20	23	18
Weighted Nox (0% O2) mg/KWh	mg/KWh	224	49	35	40	32
Central Heating water temperature setting	°C	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45
Max. heating working temperature	°C	95	95	95	95	95
Max. working pressure (heating)	bar	3	3	3	3	3
Min. working pressure (heating)	bar	0,3	0,3	0,3	0,3	0,3
Expansion vessel pre-charge pressure	bar	1	1	1	1	1
Expansion vessel capacity	litri	8	10	10	10	10
D.H.W. temperature setting	°C	35-60	-	-	-	-
Max. Hot water working pressure	bar	6	-	-	-	-
Min. Hot water working pressure	bar	0,5	-	-	-	-
Storage cylinder capacity	litres	-	-	-	-	-
D.H.W. flow rate at ΔT 30°C	litres/min	12,25	-	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 1 hour	litres	-	-	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	litres	-	-	-	-	-
D.H.W. Circuit expansion vessel capacity	litres	-	-	-	-	-
Width	mm	450	450	450	450	450
Depth	mm	330	844	844	844	844
height	mm	785	656	656	656	656
Weight (boiler only)	Kg	48	34	36	38	55
-	mm	-	-	-	-	-
Min. Flue length	m	-	-	-	-	-
Max. Flue length	m	-	-	-	-	-
Max. Flue length (180 Hz)	m	-	-	-	-	-
Ø60/100 Max. Flue length	m	3	12	6	5	3
Ø80/125 Max. Flue length	m	-	-	12	10	8
Ø60/60 Max. Flue length	m	-	50	30	30	30
Ø80/80 Max. Flue length	m	24	50	50	50	50
Ø80 Max. Flue length	m	12	25	25	25	25
Ø60/100 Max. Flue length	m	3	12	6	5	3
Ø80/125 Max. Flue length	m	-	-	12	10	8
Ø80 Max. Flue length	m	12	25	25	25	25
Voltage-Frequency	V/Hz	230/50	230/50	230/50	230/50	220-230/50
Maximum electrical consumption	W	145	240	240	240	240
Electrical IP degree	IP	X4D	X4D	X4D	X4D	X4D



MODELS		RKA 24 /40	RKA 28 /40	RKA 34 /40
CE certification	n°	0694CO7385	0694CO7385	0694CO7385
Appliance Category	cat	II2H3B/P	II2H3B/P	II2H3B/P
-	type	*5	*5	*5
Energy efficiency labeling (92/42/ECC directive)	stars	4	4	4
Energy efficiency labeling EN 13203	stars	3	-	-
Nominal input (max.)	kW	18	25	34
Sanitary nominal input (max.)	kW	23,5	28,5	34
Nominal input (min.)	kW	4	9	10
Sanitary nominal input (min.)	kW	4	7	10
Heat Output max. - 60/80°C	kW	17,69	24,35	33,42
Heat Output min. - 60/80°C	kW	3,90	8,73	9,73
Heat Output max. - 30/50°C	kW	19,26	26,65	36,24
Heat Output 30 % (minimum load - 30°C)	kW	19,13	26,05	36,06
Efficiency 100% (full load - 60/80°C)	%	98,30%	97,40%	98,30%
Medium efficiency (full load- 60/80°C)	%	98,70%	97,60%	98,10%
Efficiency 30% (partial load - flow return 47°C)	%	101,10%	99,60%	100,70%
Efficiency 30% (partial load - flow return 30°C)	%	108,10%	107,00%	107,90%
Efficiency (minimum load - 60/80°C)	%	97,40%	97,00%	97,30%
Efficiency 100% (full load - 30/50°C)	%	107,00%	106,60%	106,60%
Efficiency (minimum load - 30/50°C)	%	-	-	-
Combustion Efficiency - (full load)	%	97,49%	97,80%	97,40%
Combustion Efficiency - (minimum load)	%	97,57%	97,90%	97,60%
Flue efficiency losses with burner on (full load)	%	2,51%	2,20%	2,60%
Flue efficiency losses with burner on (minimum load)	%	2,43%	2,10%	2,40%
Flue gas temperature at full load	°C	71	65	73,3
Flue gas temperature at minimum load	°C	68	61,7	65
CO2 value at full load	%	9,30%	9,40%	9,18%
CO2 value at minimum load	%	9,00%	8,80%	8,62%
CO value at nominal load	ppm	100	110	100
CO value at minimum load	ppm	2	10	6
Weighted CO (0% O2)	ppm	7	11	10
Casing efficiency losses (full load)	%	-0,81%	0,40%	-0,90%
Casing efficiency losses (minimum load)	%	0,17%	0,90%	0,30%
Flue Mass at full load	kg/h	7,86	10,92	15,24
Flue Mass at minimum load	kg/h	1,80	4,18	4,76
NOx class	class	5	5	5
Weighted Nox (0% O2) ppm	ppm	20	23	18
Weighted Nox (0% O2) mg/kWh	mg/kWh	35	40	32
Central Heating water temperature setting	°C	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45
Max. heating working temperature	°C	95	95	95
Max. working pressure (heating)	bar	3	3	3
Min. working pressure (heating)	bar	0,3	0,3	0,3
Expansion vessel pre-charge pressure	bar	1	1	1
Expansion vessel capacity	litri	10	10	10
D.H.W. temperature setting	°C	35-60	35-60	35-60
Max. Hot water working pressure	bar	8	8	8
Min. Hot water working pressure	bar	0,5	0,5	0,5
Storage cylinder capacity	litres	40	40	40
D.H.W. flow rate at ΔT 30°C	litres/min	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 1 hour	litres	732	876	1032
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	litres	166	189	208
D.H.W. Circuit expansion vessel capacity	litres	2	2	2
Width	mm	600	600	600
Depth	mm	656	655	655
height	mm	844	844	844
Weight (boiler only)	Kg	88	90	94
-	mm	-	-	-
Min. Flue length	m	-	-	-
Max. Flue length	m	-	-	-
Max. Flue length (180 Hz)	m	-	-	-
Ø60/100 Max. Flue length	m	6	5	3
Ø80/125 Max. Flue length	m	12	10	8
Ø60/60 Max. Flue length	m	30	30	30
Ø80/80 Max. Flue length	m	50	50	50
Ø80 Max. Flue length	m	25	25	25
Ø60/100 Max. Flue length	m	6	5	3
Ø80/125 Max. Flue length	m	12	10	8
Ø80 Max. Flue length	m	25	25	25
Voltage-Frequency	V/Hz	230/50	230/50	220-230/50
Maximum electrical consumption	W	240	240	240
Electrical IP degree	IP	X4D	X4D	X4D

TECHNICAL DATA - TECHNOLOGY



MODELS		RKA 13 /100	RKA 24 /100	RKA 28 /100	RKA 34 /100
CE certification	n°	0694CO7385	0694CO7385	0694CO7385	0694CO7385
Appliance Category	cat	II2H3B/P	II2H3B/P	II2H3B/P	II2H3B/P
-	type	*5	*5	*5	*5
Energy efficiency labeling (92/42/ECC directive)	stars	4	4	4	4
Energy efficiency labeling EN 13203	stars	-	-	3	-
Nominal input (max.)	kW	13	18	25	34
Sanitary nominal input (max.)	kW	13	23,5	28,5	34
Nominal input (min.)	kW	1,9	4	9	10
Sanitary nominal input (min.)	kW	1,9	4	7	10
Heat Output max. - 60/80°C	kW	12,62	17,69	24,35	33,42
Heat Output min. - 60/80°C	kW	1,86	3,90	8,73	9,73
Heat Output max. - 30/50°C	kW	13,85	19,26	26,65	36,24
Heat Output 30 % (minimum load - 30°C)	kW	13,75	19,13	26,05	36,06
Efficiency 100% (full load - 60/80°C)	%	97,10%	98,30%	97,40%	98,30%
Medium efficiency (full load- 60/80°C)	%	97,60%	98,70%	97,60%	98,10%
Efficiency 30% (partial load - flow return 47°C)	%	102,00%	101,10%	99,60%	100,70%
Efficiency 30% (partial load - flow return 30°C)	%	108,90%	108,10%	107,00%	107,90%
Efficiency (minimum load - 60/80°C)	%	98,00%	97,40%	97,00%	97,30%
Efficiency 100% (full load - 30/50°C)	%	106,50%	107,00%	106,60%	106,60%
Efficiency (minimum load - 30/50°C)	%	-	-	-	-
Combustion Efficiency - (full load)	%	97,70%	97,49%	97,80%	97,40%
Combustion Efficiency - (minimum load)	%	97,90%	97,57%	97,90%	97,60%
Flue efficiency losses with burner on (full load)	%	2,30%	2,51%	2,20%	2,60%
Flue efficiency losses with burner on (minimum load)	%	2,10%	2,43%	2,10%	2,40%
Flue gas temperature at full load	°C	66,5	71	65	73,3
Flue gas temperature at minimum load	°C	63,9	68	61,7	65
CO2 value at full load	%	9,50%	9,30%	9,40%	9,18%
CO2 value at minimum load	%	9,19%	9,00%	8,80%	8,62%
CO value at nominal load	ppm	100	100	110	100
CO value at minimum load	ppm	3	2	10	6
Weighted CO (0% O2)	ppm	7	7	11	10
Casing efficiency losses (full load)	%	0,60%	-0,81%	0,40%	-0,90%
Casing efficiency losses (minimum load)	%	-0,10%	0,17%	0,90%	0,30%
Flue Mass at full load	kg/h	7,86	7,86	10,92	15,24
Flue Mass at minimum load	kg/h	1,80	1,80	4,18	4,76
NOx class	class	5	5	5	5
Weighted Nox (0% O2) ppm	ppm	28	20	23	18
Weighted Nox (0% O2) mg/kWh	mg/kWh	49	35	40	32
Central Heating water temperature setting	°C	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45
Max. heating working temperature	°C	95	95	95	95
Max. working pressure (heating)	bar	3	3	3	3
Min. working pressure (heating)	bar	0,3	0,3	0,3	0,3
Expansion vessel pre-charge pressure	bar	1	1	1	1
Expansion vessel capacity	litri	10	10	10	10
D.H.W. temperature setting	°C	35-60	35-60	35-60	35-60
Max. Hot water working pressure	bar	8	8	8	8
Min. Hot water working pressure	bar	0,5	0,5	0,5	0,5
Storage cylinder capacity	litres	100	100	100	100
D.H.W. flow rate at ΔT 30°C	litres/min	-	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 1 hour	litres	474	780	921	1080
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	litres	184	228	250	275
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	mm	-	5	5	5
D.H.W. Circuit expansion vessel capacity	mm	570	570	570	570
Width	mm	1630	1630	1640	1640
Depth	Kg	138	138	140	144
height	mm	-	-	-	-
Weight (boiler only)	m	-	-	-	-
-	m	-	-	-	-
Min. Flue length	m	-	-	-	-
Max. Flue length	m	12	6	6	3
Max. Flue length (180 Hz)	m	-	12	10	8
Ø60/100 Max. Flue length	m	50	30	30	30
Ø80/125 Max. Flue length	m	50	50	50	50
Ø60/60 Max. Flue length	m	25	25	25	25
Ø80/80 Max. Flue length	m	12	6	6	3
Ø80 Max. Flue length	m	-	12	10	8
Ø60/100 Max. Flue length	m	25	25	25	25
Ø80/125 Max. Flue length	V/Hz	230/50	230/50	230/50	220-230/50
Ø80 Max. Flue length	W	130	133	138	138
Voltage-Frequency	IP	X4D	X4D	X4D	X4D

Maximum electrical consumption

Electrical IP degree



MODELS		RSR 24	RSR 28	RSR 32	RCR 24	RCR 28
CE certification	n°	0694CO9555	0694CO9555	0694CO9555	0694CO9555	0694CO9555
Appliance Category	cat	II2H3+	II2H3+	II2H3+	II2H3+	II2H3+
-	type	*4	*4	*4	*1	*1
Energy efficiency labeling (92/42/ECC directive)	stars	3	3	3	1	1
Energy efficiency labeling EN 13203	stars	-	3	3	-	-
Nominal input (max.)	kW	25,5	29,8	34,5	26,6	29,8
Sanitary nominal input (max.)	kW	25,5	29,8	34,5	26,6	29,8
Nominal input (min.)	kW	12	17,5	19	12,8	17,5
Sanitary nominal input (min.)	kW	9,5	10	10	12,8	10
Heat Output max. - 60/80°C	kW	23,66	27,86	32,36	23,78	26,64
Heat Output min. - 60/80°C	kW	10,70	15,82	17,21	11,12	15,20
Heat Output max. - 30/50°C	kW	-	-	-	-	-
Heat Output 30 % (minimum load - 30°C)	kW	-	-	-	-	-
Efficiency 100% (full load - 60/80°C)	%	92,80%	93,50%	93,80%	89,40%	89,40%
Medium efficiency (full load- 60/80°C)	%	91,40%	92,30%	92,90%	88,40%	89,10%
Efficiency 30% (partial load - flow return 47°C)	%	90,50%	91,30%	91,80%	85,80%	91,70%
Efficiency 30% (partial load - flow return 30°C)	%	-	-	-	-	-
Efficiency (minimum load - 60/80°C)	%	89,20%	90,40%	90,60%	86,85%	86,85%
Efficiency 100% (full load - 30/50°C)	%	-	-	-	-	-
Efficiency (minimum load - 30/50°C)	%	-	-	-	-	-
Combustion Efficiency - (full load)	%	94,30%	93,80%	94,00%	91,80%	91,00%
Combustion Efficiency - (minimum load)	%	90,70%	90,80%	91,00%	90,30%	87,20%
Flue efficiency losses with burner on (full load)	%	5,70%	6,20%	6,00%	8,20%	9,00%
Flue efficiency losses with burner on (minimum load)	%	9,30%	9,20%	9,00%	9,70%	12,80%
Flue gas temperature at full load	°C	118,2	119,7	116	113,7	118
Flue gas temperature at minimum load	°C	99,5	104,7	99,3	82,4	97
CO2 value at full load	%	7,42%	6,81%	6,75%	4,60%	4,60%
CO2 value at minimum load	%	3,40%	3,60%	3,50%	2,42%	2,45%
CO value at nominal load	ppm	86	91	70	31	20
CO value at minimum load	ppm	45	62	33	38	10
Weighted CO (0% O2)	ppm	30	91	40	31	20
Casing efficiency losses (full load)	%	1,50%	0,30%	0,20%	2,40%	1,60%
Casing efficiency losses (minimum load)	%	1,50%	0,40%	0,40%	3,45%	0,35%
Flue Mass at full load	kg/h	14,02	17,75	20,72	22,78	23,33
Flue Mass at minimum load	kg/h	14,16	19,41	21,66	6,02	26,11
NOx class	class	2	3	2	2	1
Weighted Nox (0% O2) ppm	ppm	104	74	105	107	153
Weighted Nox (0% O2) mg/kWh	mg/kWh	183	131	186	189	269
Central Heating water temperature setting	°C	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45
Max. heating working temperature	°C	80	95	95	90	90
Max. working pressure (heating)	bar	3	3	3	3	3
Min. working pressure (heating)	bar	0,3	0,3	0,3	0,3	0,3
Expansion vessel pre-charge pressure	bar	1	1	1	1	1
Expansion vessel capacity	litri	7	8	10	8	8
D.H.W. temperature setting	°C	35-60	35-60	35-60	35-60	35-60
Max. Hot water working pressure	bar	6	6	6	6	6
Min. Hot water working pressure	bar	0,5	0,5	0,5	0,5	0,5
Storage cylinder capacity	litres	-	-	-	-	-
D.H.W. flow rate at ΔT 30°C	litres/min	11,3	13,3	15,5	11,44	12,95
Continuous hot water supply - ΔT 30° - mixed water - 1 hour	litres	-	-	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	litres	-	-	-	-	-
D.H.W. Circuit expansion vessel capacity	litres	-	-	-	-	-
Width	mm	410	450	450	450	450
Depth	mm	270	330	330	330	330
height	mm	730	785	785	850	850
Weight (boiler only)	Kg	32	42	44	38	38
-	mm	-	-	-	130	130
Min. Flue length	m	-	-	-	1	1
Max. Flue length	m	-	-	-	-	-
Max. Flue length (180 Hz)	m	-	-	-	-	-
Ø60/100 Max. Flue length	m	5	3	1	-	-
Ø80/125 Max. Flue length	m	-	9	3	-	-
Ø60/60 Max. Flue length	m	-	-	-	-	-
Ø80/80 Max. Flue length	m	30	30	30	-	-
Ø80 Max. Flue length	m	15	15	15	-	-
Ø60/100 Max. Flue length	m	5	-	-	-	-
Ø80/125 Max. Flue length	m	-	9	3	-	-
Ø80 Max. Flue length	m	15	15	15	-	-
Voltage-Frequency	V/Hz	230 - 50	230 - 50	230 - 50	230 - 50	230 - 50
Maximum electrical consumption	W	160	170	170	105	105
Electrical IP degree	IP	X4D	X4D	X4D	X4D	X4D

TECHNICAL DATA - CLASSIC



MODELS		RBS 24 Energy	RBC 24 Energy	RSA 24 /8	RSA 28 /25	RSA 32 /25
CE certification	n°	0694BL3037	0694BL3037	0694CO9555	0694CO9555	0694CO9555
Appliance Category	cat	II2H3+	II2H3+	II2H3+	II2H3+	II2H3+
-	type	*9	*1	*4	*4	*4
Energy efficiency labeling (92/42/ECC directive)	stars	3	2	3	3	3
Energy efficiency labeling EN 13203	stars	-	-	-	-	-
Nominal input (max.)	kW	25,5	25,6	25,6	29,8	34,5
Sanitary nominal input (max.)	kW	25,5	25,6	25,6	29,8	34,5
Nominal input (min.)	kW	11,5	11,5	12	17,5	19
Sanitary nominal input (min.)	kW	11,5	11,5	9,5	10	10
Heat Output max. - 60/80°C	kW	23,79	22,66	23,94	27,86	32,36
Heat Output min. - 60/80°C	kW	10,04	9,57	10,70	15,82	17,21
Heat Output max. - 30/50°C	kW	-	-	-	-	-
Heat Output 30 % (minimum load - 30°C)	kW	-	-	-	-	-
Efficiency 100% (full load - 60/80°C)	%	93,30%	88,50%	93,50%	93,50%	93,80%
Medium efficiency (full load- 60/80°C)	%	-	-	92,00%	92,30%	92,90%
Efficiency 30% (partial load - flow return 47°C)	%	90,10%	85,50%	91,00%	91,30%	91,80%
Efficiency 30% (partial load - flow return 30°C)	%	-	-	-	-	-
Efficiency (minimum load - 60/80°C)	%	87,30%	83,20%	89,20%	90,40%	90,60%
Efficiency 100% (full load - 30/50°C)	%	-	-	-	-	-
Efficiency (minimum load - 30/50°C)	%	-	-	-	-	-
Combustion Efficiency - (full load)	%	94,10%	92,20%	94,00%	93,80%	94,00%
Combustion Efficiency - (minimum load)	%	89,00%	88,20%	91,60%	90,80%	91,00%
Flue efficiency losses with burner on (full load)	%	5,90%	7,80%	6,00%	6,20%	6,00%
Flue efficiency losses with burner on (minimum load)	%	11,00%	11,80%	8,40%	9,20%	9,00%
Flue gas temperature at full load	°C	129,32	111,6	110,5	119,7	116
Flue gas temperature at minimum load	°C	110,37	88,1	79,5	104,7	99,3
CO2 value at full load	%	7,10%	4,90%	6,29%	6,81%	6,75%
CO2 value at minimum load	%	2,94%	2,30%	2,63%	3,60%	3,50%
CO value at nominal load	ppm	60	55	86	91	70
CO value at minimum load	ppm	71	33	45	62	33
Weighted CO (0% O2)	ppm	55	33	30	91	40
Casing efficiency losses (full load)	%	0,80%	3,70%	0,50%	0,30%	0,20%
Casing efficiency losses (minimum load)	%	1,70%	5,00%	2,40%	0,40%	0,40%
Flue Mass at full load	kg/h	14,80	21,30	16,47	17,75	20,72
Flue Mass at minimum load	kg/h	15,79	20,13	18,13	19,41	21,66
NOx class	class	2	2	2	3	2
Weighted Nox (0% O2) ppm	ppm	94	88	88	74	105
Weighted Nox (0% O2) mg/KWh	mg/KWh	167	156	155	131	186
Central Heating water temperature setting	°C	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45
Max. heating working temperature	°C	90	90	90	95	95
Max. working pressure (heating)	bar	3	3	3	3	3
Min. working pressure (heating)	bar	0,3	0,3	0,3	0,3	0,3
Expansion vessel pre-charge pressure	bar	1	1	1	1	1
Expansion vessel capacity	litri	7	6	8	10	10
D.H.W. temperature setting	°C	35-60	35-60	35-60	35-60	35-60
Max. Hot water working pressure	bar	6	6	8	8	8
Min. Hot water working pressure	bar	0,5	0,5	0,5	0,5	0,5
Storage cylinder capacity	litres	-	-	8	25	25
D.H.W. flow rate at ΔT 30°C	litres/min	11,36	11,07	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 1 hour	litres	-	-	690	816	942
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	litres	-	-	130	150	171,5
D.H.W. Circuit expansion vessel capacity	litres	-	-	-	1	1
Width	mm	410	410	450	490	490
Depth	mm	270	320	330	450	450
height	mm	730	730	800	900	900
Weight (boiler only)	Kg	32	32	48	72	74
-	mm	-	130	-	-	-
Min. Flue length	m	-	1	-	-	-
Max. Flue length	m	-	-	-	-	-
Max. Flue length (180 Hz)	m	-	-	-	-	-
Ø60/100 Max. Flue length	m	5	-	3	3	1
Ø80/125 Max. Flue length	m	12	-	3	9	3
Ø60/60 Max. Flue length	m	-	-	-	-	-
Ø80/80 Max. Flue length	m	30	30	30	30	30
Ø80 Max. Flue length	m	15	15	15	15	15
Ø60/100 Max. Flue length	m	-	-	-	-	-
Ø80/125 Max. Flue length	m	12	-	3	9	3
Ø80 Max. Flue length	m	15	15	15	15	15
Voltage-Frequency	V/Hz	230 - 50	230 - 50	230 - 50	230 - 50	230 - 50
Maximum electrical consumption	W	125	75	160	170	170
Electrical IP degree	IP	X4D	X4D	X4D	X4D	X4D

MODELS		RSG 28	RSG 32	RCG 28	RCG 32
CE certification	n°	0694CO9555	0694CO9555	0694CO9555	0694CO9555
Appliance Category	cat	II2H3+	II2H3+	II2H3+	II2H3+
-	type	*4	*4	*1	*1
Energy efficiency labeling (92/42/ECC directive)	stars	3	3	1	1
Energy efficiency labeling EN 13203	stars	-	-	-	-
Nominal input (max.)	kW	29,8	34,5	29,8	34,9
Sanitary nominal input (max.)	kW	-	-	-	-
Nominal input (min.)	kW	17,5	19	17,5	19,8
Sanitary nominal input (min.)	kW	-	-	-	-
Heat Output max. - 60/80°C	kW	27,86	32,36	26,88	31,13
Heat Output min. - 60/80°C	kW	15,82	17,21	15,31	17,20
Heat Output max. - 30/50°C	kW	-	-	-	-
Heat Output 30 % (minimum load - 30°C)	kW	-	-	-	-
Efficiency 100% (full load - 60/80°C)	%	93,50%	93,80%	90,20%	89,20%
Medium efficiency (full load- 60/80°C)	%	92,30%	92,90%	89,40%	88,50%
Efficiency 30% (partial load - flow return 47°C)	%	91,30%	91,80%	88,10%	87,20%
Efficiency 30% (partial load - flow return 30°C)	%	-	-	-	-
Efficiency (minimum load - 60/80°C)	%	90,40%	90,60%	87,50%	86,85%
Efficiency 100% (full load - 30/50°C)	%	-	-	-	-
Efficiency (minimum load - 30/50°C)	%	-	-	-	-
Combustion Efficiency - (full load)	%	93,80%	94,00%	91,00%	91,70%
Combustion Efficiency - (minimum load)	%	90,80%	91,00%	87,20%	89,20%
Flue efficiency losses with burner on (full load)	%	6,20%	6,00%	9,00%	8,30%
Flue efficiency losses with burner on (minimum load)	%	9,20%	9,00%	12,80%	10,80%
Flue gas temperature at full load	°C	119,7	116	118	114
Flue gas temperature at minimum load	°C	104,7	99,3	97	93
CO2 value at full load	%	6,81%	6,75%	4,60%	4,80%
CO2 value at minimum load	%	3,60%	3,50%	2,45%	2,75%
CO value at nominal load	ppm	91	70	43	39
CO value at minimum load	ppm	62	33	31	20
Weighted CO (0% O2)	ppm	91	40	20	20
Casing efficiency losses (full load)	%	0,30%	0,20%	0,80%	2,50%
Casing efficiency losses (minimum load)	%	0,40%	0,40%	-0,30%	2,35%
Flue Mass at full load	kg/h	17,75	20,72	23,33	23,33
Flue Mass at minimum load	kg/h	19,41	21,66	26,11	26,11
NOx class	class	3	2	1	1
Weighted Nox (0% O2) ppm	ppm	74	105	153	134
Weighted Nox (0% O2) mg/kWh	mg/kWh	131	186	269	236
Central Heating water temperature setting	°C	30-80 / 25-45	30-80 / 25-40	30-80 / 25-45	30-80 / 25-45
Max. heating working temperature	°C	95	95	90	90
Max. working pressure (heating)	bar	3	3	3	3
Min. working pressure (heating)	bar	0,3	0,3	0,3	0,3
Expansion vessel pre-charge pressure	bar	1	1	1	1
Expansion vessel capacity	litri	10	10	10	10
D.H.W. temperature setting	°C	-	-	-	-
Max. Hot water working pressure	bar	-	-	-	-
Min. Hot water working pressure	bar	-	-	-	-
Storage cylinder capacity	litres	-	-	-	-
D.H.W. flow rate at ΔT 30°C	litres/min	-	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 1 hour	litres	-	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	litres	-	-	-	-
D.H.W. Circuit expansion vessel capacity	litres	-	-	-	-
Width	mm	450	450	450	450
Depth	mm	655	655	655	655
height	mm	845	845	850	845
Weight (boiler only)	Kg	42	44	90	91
-	mm	-	-	130	130
Min. Flue length	m	-	-	1	1
Max. Flue length	m	-	-	-	-
Max. Flue length (180 Hz)	m	-	-	-	-
Ø60/100 Max. Flue length	m	3	1	-	-
Ø80/125 Max. Flue length	m	9	3	-	-
Ø60/60 Max. Flue length	m	-	-	-	-
Ø80/80 Max. Flue length	m	30	30	-	-
Ø80 Max. Flue length	m	15	15	-	-
Ø60/100 Max. Flue length	m	-	-	-	-
Ø80/125 Max. Flue length	m	9	3	-	-
Ø80 Max. Flue length	m	15	15	-	-
Voltage-Frequency	V/Hz	230 - 50	230 - 50	230 - 50	230 - 50
Maximum electrical consumption	W	170	170	100	100
Electrical IP degree	IP	X4D	X4D	X4D	X4D

TECHNICAL DATA - CLASSIC



MODELS		RSA 28 /40	RSA 32 /40	RCA 28 /40	RCA 32 /40
CE certification	n°	0694CO9555	0694CO9555	0694CO9555	0694CO9555
Appliance Category	cat	II2H3+	II2H3+	II2H3+	II2H3+
-	type	*4	*4	*1	*1
Energy efficiency labeling (92/42/ECC directive)	stars	3	3	1	1
Energy efficiency labeling EN 13203	stars	-	-	-	-
Nominal input (max.)	kW	29,8	34,5	29,8	34,9
Sanitary nominal input (max.)	kW	29,8	34,5	29,8	34,9
Nominal input (min.)	kW	17,5	19	17,5	19,8
Sanitary nominal input (min.)	kW	10	10	10	19,8
Heat Output max. - 60/80°C	kW	27,86	32,36	26,88	31,13
Heat Output min. - 60/80°C	kW	15,82	17,21	15,31	17,20
Heat Output max. - 30/50°C	kW	-	-	-	-
Heat Output 30 % (minimum load - 30°C)	kW	-	-	-	-
Efficiency 100% (full load - 60/80°C)	%	93,50%	93,80%	90,20%	89,20%
Medium efficiency (full load- 60/80°C)	%	92,30%	92,90%	89,40%	88,50%
Efficiency 30% (partial load - flow return 47°C)	%	91,30%	91,80%	88,10%	87,20%
Efficiency 30% (partial load - flow return 30°C)	%	-	-	-	-
Efficiency (minimum load - 60/80°C)	%	90,40%	90,60%	87,50%	86,85%
Efficiency 100% (full load - 30/50°C)	%	-	-	-	-
Efficiency (minimum load - 30/50°C)	%	-	-	-	-
Combustion Efficiency - (full load)	%	93,80%	94,00%	91,00%	91,70%
Combustion Efficiency - (minimum load)	%	90,80%	91,00%	87,20%	89,20%
Flue efficiency losses with burner on (full load)	%	6,20%	6,00%	9,00%	8,30%
Flue efficiency losses with burner on (minimum load)	%	9,20%	9,00%	12,80%	10,80%
Flue gas temperature at full load	°C	119,7	116	118	114
Flue gas temperature at minimum load	°C	104,7	99,3	97	93
CO2 value at full load	%	6,81%	6,75%	4,60%	4,80%
CO2 value at minimum load	%	3,60%	3,50%	2,45%	2,75%
CO value at nominal load	ppm	91	70	43	39
CO value at minimum load	ppm	62	33	31	20
Weighted CO (0% O2)	ppm	91	40	20	20
Casing efficiency losses (full load)	%	0,30%	0,20%	0,80%	2,50%
Casing efficiency losses (minimum load)	%	0,40%	0,40%	-0,30%	2,35%
Flue Mass at full load	kg/h	17,75	20,72	23,33	23,33
Flue Mass at minimum load	kg/h	19,41	21,66	26,11	26,11
NOx class	class	3	2	1	1
Weighted Nox (0% O2) ppm	ppm	74	105	153	134
Weighted Nox (0% O2) mg/kWh	mg/kWh	131	186	269	236
Central Heating water temperature setting	°C	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45
Max. heating working temperature	°C	95	95	90	90
Max. working pressure (heating)	bar	3	3	3	3
Min. working pressure (heating)	bar	0,3	0,3	0,3	0,3
Expansion vessel pre-charge pressure	bar	1	1	1	1
Expansion vessel capacity	litri	10	10	10	10
D.H.W. temperature setting	°C	35-60	35-60	35-60	35-60
Max. Hot water working pressure	bar	8	8	8	8
Min. Hot water working pressure	bar	0,5	0,5	0,5	0,5
Storage cylinder capacity	litres	40	40	40	40
D.H.W. flow rate at ΔT 30°C	litres/min	-	-	-	-
Continuous hot water supply - ΔT 30° - mixed water - 1 hour	litres	834	963	800	936
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	litres	176	197	170,5	193
D.H.W. Circuit expansion vessel capacity	litres	2	2	2	2
Width	mm	600	600	600	600
Depth	mm	650	650	700	700
height	mm	845	845	845	845
Weight (boiler only)	Kg	98	100	90	91
-	mm	-	-	130	150
Min. Flue length	m	-	-	1	1
Max. Flue length	m	-	-	-	-
Max. Flue length (180 Hz)	m	-	-	-	-
Ø60/100 Max. Flue length	m	3	1	-	-
Ø80/125 Max. Flue length	m	9	3	-	-
Ø60/60 Max. Flue length	m	-	-	-	-
Ø80/80 Max. Flue length	m	30	30	-	-
Ø80 Max. Flue length	m	15	15	-	-
Ø60/100 Max. Flue length	m	-	-	-	-
Ø80/125 Max. Flue length	m	9	3	-	-
Ø80 Max. Flue length	m	15	15	-	-
Voltage-Frequency	V/Hz	230 - 50	230 - 50	230 - 50	230 - 50
Maximum electrical consumption	W	170	170	105	105
Electrical IP degree	IP	X4D	X4D	X4D	X4D



MODELS		RSA 28 /100	RSA 32 /100	RCA 28 /100	RAIN 24	RAIN 28
CE certification	n°	0694CO9555	0694CO9555	0694CO9555	0694CO9555	0694CO9555
Appliance Category	cat	II2H3+	II2H3+	II2H3+	II2H3+	II2H3+
-	type	*4	*4	*1	*4	*4
Energy efficiency labeling (92/42/ECC directive)	stars	3	3	1	3	3
Energy efficiency labeling EN 13203	stars	-	-	-	-	3
Nominal input (max.)	kW	29,8	34,5	29,8	25,5	29,8
Sanitary nominal input (max.)	kW	29,8	34,5	29,8	25,5	29,8
Nominal input (min.)	kW	17,5	19	17,5	12	17,5
Sanitary nominal input (min.)	kW	10	10	10	9,5	10
Heat Output max. - 60/80°C	kW	27,86	32,36	26,64	23,84	27,86
Heat Output min. - 60/80°C	kW	15,82	17,21	15,31	10,70	15,82
Heat Output max. - 30/50°C	kW	-	-	-	-	-
Heat Output 30 % (minimum load - 30°C)	kW	-	-	-	-	-
Efficiency 100% (full load - 60/80°C)	%	93,50%	93,80%	89,40%	93,50%	93,50%
Medium efficiency (full load- 60/80°C)	%	92,30%	92,90%	89,10%	92,00%	92,30%
Efficiency 30% (partial load - flow return 47°C)	%	91,30%	91,80%	91,70%	91,00%	91,30%
Efficiency 30% (partial load - flow return 30°C)	%	-	-	-	-	-
Efficiency (minimum load - 60/80°C)	%	90,40%	90,60%	87,50%	89,20%	90,40%
Efficiency 100% (full load - 30/50°C)	%	-	-	-	-	-
Efficiency (minimum load - 30/50°C)	%	-	-	-	-	-
Combustion Efficiency - (full load)	%	93,80%	94,00%	91,00%	94,30%	93,80%
Combustion Efficiency - (minimum load)	%	90,80%	91,00%	87,20%	90,70%	90,80%
Flue efficiency losses with burner on (full load)	%	6,20%	6,00%	9,00%	5,70%	6,20%
Flue efficiency losses with burner on (minimum load)	%	9,20%	9,00%	12,80%	9,30%	9,20%
Flue gas temperature at full load	°C	119,7	116	118	118,2	119,7
Flue gas temperature at minimum load	°C	104,7	99,3	97	99,5	104,7
CO2 value at full load	%	6,81%	6,75%	4,60%	7,42%	6,81%
CO2 value at minimum load	%	3,60%	3,50%	2,45%	3,40%	3,60%
CO value at nominal load	ppm	91	70	43	86	91
CO value at minimum load	ppm	62	33	31	45	62
Weighted CO (0% O2)	ppm	91	40	20	30	91
Casing efficiency losses (full load)	%	0,30%	0,20%	1,60%	0,80%	0,30%
Casing efficiency losses (minimum load)	%	0,40%	0,40%	-0,30%	1,50%	0,40%
Flue Mass at full load	kg/h	17,75	20,72	23,33	14,02	17,75
Flue Mass at minimum load	kg/h	19,41	21,66	26,11	14,16	19,41
NOx class	class	3	2	1	2	3
Weighted Nox (0% O2) ppm	ppm	74	105	153	88	74
Weighted Nox (0% O2) mg/kWh	mg/kWh	131	186	269	155	131
Central Heating water temperature setting	°C	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45
Max. heating working temperature	°C	95	95	90	80	95
Max. working pressure (heating)	bar	3	3	3	3	3
Min. working pressure (heating)	bar	0,3	0,3	0,3	0,3	0,3
Expansion vessel pre-charge pressure	bar	1	1	1	1	1
Expansion vessel capacity	litri	10	10	10	7	8
D.H.W. temperature setting	°C	35-60	35-60	35-60	35-60	35-60
Max. Hot water working pressure	bar	8	8	8	6	6
Min. Hot water working pressure	bar	0,5	0,5	0,5	0,5	0,5
Storage cylinder capacity	litres	100	100	100	-	-
D.H.W. flow rate at ΔT 30°C	litres/min	-	-	-	11,3	13,3
Continuous hot water supply - ΔT 30° - mixed water - 1 hour	litres	900	1011	800	-	-
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	litres	247	263	255	-	-
D.H.W. Circuit expansion vessel capacity	litres	5	5	5	-	-
Width	mm	570	570	570	740	740
Depth	mm	570	570	570	255	255
height	mm	1640	1640	1640	760	760
Weight (boiler only)	Kg	140	142	116	52	50
-	mm	-	-	130	-	-
Min. Flue length	m	-	-	1	-	-
Max. Flue length	m	-	-	-	-	-
Max. Flue length (180 Hz)	m	-	-	-	-	-
Ø60/100 Max. Flue length	m	3	1	-	-	-
Ø80/125 Max. Flue length	m	9	3	-	-	-
Ø60/60 Max. Flue length	m	-	-	-	-	-
Ø80/80 Max. Flue length	m	30	30	-	30	30
Ø80 Max. Flue length	m	15	15	-	15	15
Ø60/100 Max. Flue length	m	-	-	-	-	-
Ø80/125 Max. Flue length	m	9	3	-	-	9
Ø80 Max. Flue length	m	15	15	-	15	15
Voltage-Frequency	V/Hz	230 - 50	230 - 50	230 - 50	230 - 50	230 - 50
Maximum electrical consumption	W	170	170	105	170	170
Electrical IP degree	IP	X4D	X4D	X4D	X4D	X4D

TECHNICAL DATA - LOW NOx



MODELS		RSR 25 NOx	RCR 25 NOx	RBS 24 Energy green	RCA 25 /25NOx	RSA 25 /25NOx
CE certification	n°	0694CO9555	0694CO9555	0694BL3037	0694CO9555	0694CO9555
Appliance Category	cat	II2H3+	II2H3+	II2H3+	II2H3+	II2H3+
-	type	*4	*1	*9	*1	*4
Energy efficiency labeling (92/42/ECC directive)	stars	3	1	3	1	3
Energy efficiency labeling EN 13203	stars	3	-	-	-	-
Nominal input (max.)	kW	26,6	26,6	23,5	26,6	26,6
Sanitary nominal input (max.)	kW	26,6	26,6	23,5	26,6	26,6
Nominal input (min.)	kW	13,3	13,3	8	13,3	13,3
Sanitary nominal input (min.)	kW	9,5	13,3	8	13,3	9,5
Heat Output max. - 60/80°C	kW	24,74	23,54	21,81	23,54	24,74
Heat Output min. - 60/80°C	kW	12,04	11,96	6,95	11,96	12,04
Heat Output max. - 30/50°C	kW	-	-	-	-	-
Heat Output 30 % (minimum load - 30°C)	kW	-	-	-	-	-
Efficiency 100% (full load - 60/80°C)	%	93,00%	88,50%	92,80%	88,50%	93,00%
Medium efficiency (full load- 60/80°C)	%	92,80%	90,90%	-	90,90%	-
Efficiency 30% (partial load - flow return 47°C)	%	92,10%	90,40%	90,20%	90,40%	92,10%
Efficiency 30% (partial load - flow return 30°C)	%	-	-	-	-	-
Efficiency (minimum load - 60/80°C)	%	90,50%	89,90%	86,90%	89,90%	90,50%
Efficiency 100% (full load - 30/50°C)	%	-	-	-	-	-
Efficiency (minimum load - 30/50°C)	%	-	-	-	-	-
Combustion Efficiency - (full load)	%	95,00%	92,10%	94,70%	92,10%	95,00%
Combustion Efficiency - (minimum load)	%	91,00%	90,60%	88,10%	90,60%	91,00%
Flue efficiency losses with burner on (full load)	%	5,00%	7,90%	5,30%	7,90%	5,00%
Flue efficiency losses with burner on (minimum load)	%	9,00%	9,40%	11,90%	9,40%	9,00%
Flue gas temperature at full load	°C	112,7	107,2	109,8	107,2	112,7
Flue gas temperature at minimum load	°C	103,2	82	87,95	82	103,2
CO2 value at full load	%	7,18%	4,40%	7,90%	4,40%	7,18%
CO2 value at minimum load	%	3,23%	2,50%	2,19%	2,50%	3,23%
CO value at nominal load	ppm	17	21	16	21	17
CO value at minimum load	ppm	11	14	31	14	11
Weighted CO (0% O2)	ppm	31	21	178	21	31
Casing efficiency losses (full load)	%	2,00%	3,60%	1,90%	3,60%	2,00%
Casing efficiency losses (minimum load)	%	0,50%	0,70%	1,20%	0,70%	0,50%
Flue Mass at full load	kg/h	17,75	22,78	12,16	22,78	17,75
Flue Mass at minimum load	kg/h	19,41	6,02	14,59	6,02	19,41
NOx class	class	5	5	4	5	5
Weighted Nox (0% O2) ppm	ppm	17	9	56	47	17
Weighted Nox (0% O2) mg/KWh	mg/KWh	31	16	99	83	31
Central Heating water temperature setting	°C	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45	30-80 / 25-45
Max. heating working temperature	°C	95	90	90	90	95
Max. working pressure (heating)	bar	3	3	3	3	3
Min. working pressure (heating)	bar	0,3	0,3	0,3	0,3	0,3
Expansion vessel pre-charge pressure	bar	1	1	1	1	1
Expansion vessel capacity	litri	8	8	6	10	10
D.H.W. temperature setting	°C	35-60	35-60	35-60	35-60	35-60
Max. Hot water working pressure	bar	6	6	6	8	8
Min. Hot water working pressure	bar	0-5	0,5	0,5	0,5	0,5
Storage cylinder capacity	litres	-	-	-	25	25
D.H.W. flow rate at ΔT 30°C	litres/min	11,82	11,25	10,42	-	-
Continuous hot water supply - ΔT 30° - mixed water - 1 hour	litres	-	-	-	693	726
Continuous hot water supply - ΔT 30° - mixed water - 10 min.	litres	-	-	-	132	138
D.H.W. Circuit expansion vessel capacity	litres	-	-	-	1	1
Width	mm	450	450	410	490	490
Depth	mm	330	330	315	450	450
height	mm	785	850	730	900	900
Weight (boiler only)	Kg	48	40	36	71	76
-	mm	-	130	-	130	-
Min. Flue length	m	-	1	-	1	-
Max. Flue length	m	-	-	-	-	-
Max. Flue length (180 Hz)	m	-	-	-	-	-
Ø60/100 Max. Flue length	m	3	-	4	-	3
Ø80/125 Max. Flue length	m	3	-	-	-	3
Ø60/60 Max. Flue length	m	-	-	-	-	-
Ø80/80 Max. Flue length	m	30	-	30	-	30
Ø80 Max. Flue length	m	15	-	15	-	15
Ø60/100 Max. Flue length	m	-	-	4	-	-
Ø80/125 Max. Flue length	m	3	-	-	-	3
Ø80 Max. Flue length	m	15	-	-	-	15
Voltage-Frequency	V/Hz	230 - 50	230 - 50	230 - 50	230 - 50	230 - 50
Maximum electrical consumption	W	160	105	125	105	160
Electrical IP degree	IP	X4D	X4D	X4D	X4D	X4D

