

INTERNATIONAL

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**PRODUCT CATALOGUE
INTERNATIONAL MARKETS**

2021



Autonomous residential | Centralized residential | Service Industry | Industrial Process

March **2021**

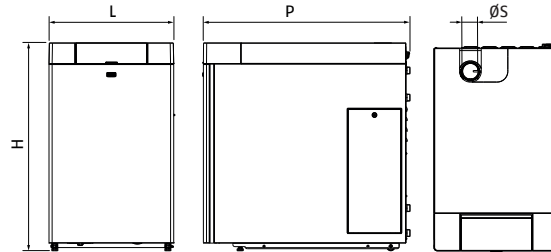
Steel floor-standing oil condensing boilers

Insieme Evo Cond NEW

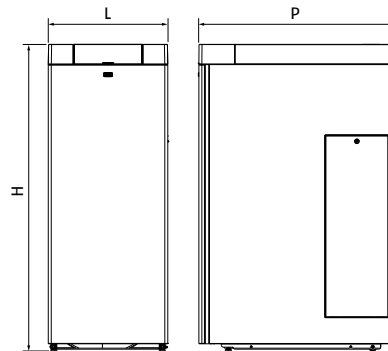


- In conformity with Directive 2009/125/EC
- Steel boilers with oil burner for heating and for the production of domestic hot water
- Low NOx version – class 3 according to EN 267

INSIEME EVO COND 20÷35 V LN



INSIEME EVO COND 25-35 B/130 LN



Description	H mm	L mm	P mm	ØA (*) mm	ØS mm	Net weight kg
Insieme EVO COND 20 V LN	1000	600	994	80	80	120
Insieme EVO COND 25 V LN	1000	600	994	80	80	120
Insieme EVO COND 35 V LN	1000	600	994	80	80	150
Insieme EVO COND 25 B/130 LN	1540	600	975	80	80	150
Insieme EVO COND 35 B/130 LN	1540	600	975	80	80	195

(*) Type C transformation kit as optional.

Oil condensing thermal group equipped with single stage burner for heat outputs up to 45 kW, dual stage for 55,70 kW models with low pollutant emissions.

The stainless steel boiler body has an horizontal layout, coated with insulating and sound absorbing material. Insieme EVO COND is available with open chamber configuration as standard, convertible as sealed chamber with specific accessory kits. Are available "only heating" versions or combined for the domestic hot water production with storage tank.

All the models are equipped a new electronic panel with backlight graphical display with five buttons and LEDs for the operating status displaying.

The control system provides the climatic regulation, the management of up to 3 zones distribution with specific accessory kits, the management of the sanitary hot water.

The electronics also provides the possibility of the remote management by means of the 0-10 V input, or with the Modbus protocol.



- Low sound emissions
- Flexible and cheapness installation. All the accessories for the operation and the safety are included in the furniture
- Simple maintainability: combustion chamber, flue manifold, control panel and hydraulic connexions are easily accessible
- Low pollutant emissions (class 3 according to EN 267 with Nox emissions ≤ 100mg/kWh)
- Maximum working pressure: 3 bar
- Complete with flexible oil hoses

Insieme EVO COND 20÷35 V LN: thermal groups for the room heating with integrated 3 way valve for the connection with an external tank (optional)

Insieme EVO COND 25-35 B/130 LN: thermal group for the combined heating and domestic hot water production by means of an integrated 130 liters storage tank

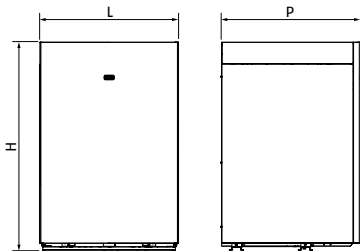
Insieme EVO COND 45÷70 LN: thermal groups for the room heating.

TECHNICAL DATA

Description	Output kW		Efficiency		DHW production l/min	Tank capacity (liters)	Energy efficiency class		Notes	Code
	Useful 80°/60° max	Furnace min-max	Pn (80/60 °C) %	Useful 30% Pn (30°C) %						
LOW NOX VERSION - ONLY HEATING										
Insieme EVO COND 20 V LN	19,5	20,0	97,3	105,9	-	-	A	-	(1)	20145974
Insieme EVO COND 25 V LN	24,2	25,0	96,9	105,6	-	-	A	-	(1)	20145975
Insieme EVO COND 35 V LN	33,8	34,9	96,5	104,8	-	-	A	-	(1)	20145976
LOW NOX VERSION - HEATING AND DOMESTIC HOT WATER PRODUCTION WITH STORAGE TANK										
Insieme EVO COND 25 B/130 LN	24,2	25,0	96,9	105,6	10,0	130	A	B	(2)	20145980
Insieme EVO COND 35 B/130 LN	33,8	34,9	96,5	104,8	11,4	130	A	B	(2)	20145981

- (1) Integrated 3 way valve.
 - (2) Domestic hot water production with reference to ΔT 35 °C.
- NOTA: for models with P ≥ 35 kW (Insieme EVO COND 45÷70 LN), go to the "CENTRALIZED HEATING" section on page 124.

ACCESSORIES



Description	H mm	L mm	P mm	Net weight kg
120 lt storage tank	900	600	600	68

TECHNICAL DATA

Description	Capacity liters	Maximum power consumption kW	DHW production l/h	Energy efficiency class	Notes	Code
120 lt storage tank	120,0	29,8	730	C	(1)(2)	20132804
Boiler - storage tank hydraulic connection					(1)	20132805

- (1) Coupable with integrated 3 way valve models ("V" version).
- (2) Grey painted tank (RAL 7047).


ACCESSORIES

Description	Notes	Code
SECONDARY CIRCUIT MANAGEMENT		
External probe		1220559
Domestic hot water probe		1220599
1 st direct/mixed zone management		20132795
2 nd /3 rd direct/mixed zone management		20132796
SEALED TRANSFORMATION (TYPE C)		
Ø80 mm type C transformation		20163226
FUEL FILTER		
Oil filter		20132792
FLUE DISCHARGE		
Ø80 - Ø80/125 mm adapter		20159698
HYDRAULIC ACCESSORIES		
DN70 hydraulic separator		4047314
CONDENSATE NEUTRALIZER		
DNO 1 neutralization kit		20182660
HNO 1.6 neutralization kit	(1)	20182664

- (1) Equipped with extraction pump.

RiCLOUD SMART REMOTE CONTROL

RiCloud modulating control system with remote boiler interface function (*) and possibility to be managed via App.

Drawing	Description	Notes	Code
	RiCLOUD with Wi-Fi box	(1)	20117394
	RiCLOUD	(2)	20117399
	Wi-Fi box		20111885
	RF-wireless boiler receiver		20117359

(*) Specific functions available only connecting Riello boilers in OTBus communication. Possibility of connection with other generic boilers and other devices in ON / OFF mode.

(1) With Wi-Fi box included for the connection to the home ADSL Wi-Fi Internet modem.

(2) For cable connection to the boiler. Compatible for radio frequency connection with the Wi-Fi box code 20111885 (accessory not included and required for connection to the Internet using the home ADSL modem).

RIELLO

RIELLO S.p.A.
37045 Legnago (VR)
tel. +39 0442 630111
fax +39 0442 630371

March 2021

PRODUCT CATALOGUE

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Code 27017365