



OIL

Floor standing cast-iron
oil boilers - condensing



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version HR-HIR-HBR



CFD - COOPERATIVA FONDERIA DANTE, THE HEATING WITH OVER 50 YEARS OF EXPERIENCE

In the CFD Italian foundry, we produce cast iron exchangers for OEM floor-standing boilers with a high-level technological process. High quality Italian components, high performance, long life, reliability, easy cleaning, excellent adaptation to flame geometry, accurate design and reduced hydraulic resistance are forming the added value that characterizes CFD range of OEM floor standing cast iron boilers.

FLOOR STANDING CAST IRON OIL BOILERS - CONDENSATION

The FG OIL (FGO) can be supplied with a heat recovery unit - condensation system (Gulliver burner) - or with a standard diesel oil burner (RG burner).

FG OIL boilers are modular and can be ordered in the following versions:

- **FGO..H/HR:** Only heating in electronic version
- **FGO..HI/HIR:** Heating with instantaneous domestic hot water
- **FGO..HB/HBR:** Heating with integrated 105 lt. tank for the supply of domestic hot water

Main features of FG OIL boiler (HR / HIR / HBR) with LOW NOx burner RIELLO GULLIVER:

- Power from 30 up to 65 kw
- High performance (★★★ Dir. Rend. 92/42 CEE)
- NOx emissions class 5 (EN 297-5)
- Low Temperature Classification
- RIELLO GULLIVER burner
- WILO circulation water pump
- Smoke chamber inspection and cleaning door
- Electronic components GIORDANO GROUP
- Designed and built for a maximum pressure of 4 bars
- No-frost function
- Anti-bacterial function
- ErP Ready

RIELLO GULLIVER burner features

- Complete with nozzle and flexible hoses for diesel fuel
- Extremely low noise emissions
- Microprocessor control device with diagnostic function and remote unlocking
- Diesel preheater with variable resistance on the combustion head, to facilitate cold ignition
- Installation and maintenance facilitated by the accessibility of the components with burner installed
- IP X0D electrical protection degree (IP 40)

Main characteristics of FG OIL boiler (H / HI / HB) with RIELLO RG burner:

- RIELLO RG burner
- WILO circulation water pump
- Smoke chamber inspection and cleaning door
- Electronic components GIORDANO GROUP
- Designed and built for a maximum pressure of 4 bars
- No-frost function
- Anti-bacterial function

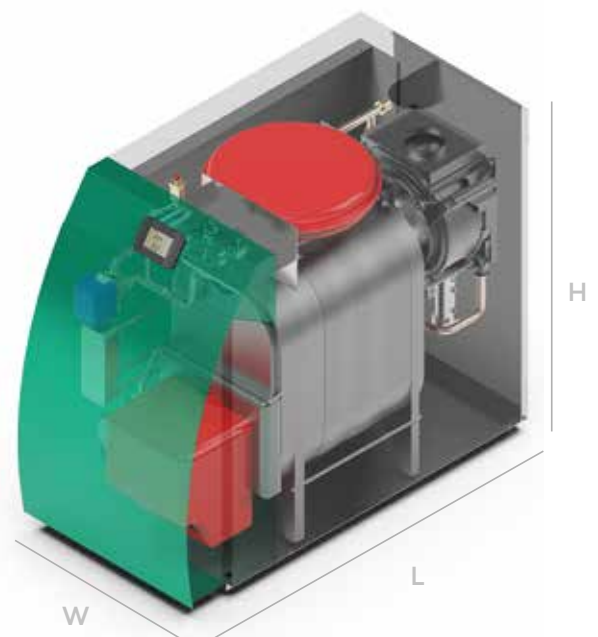
Features of RIELLO RG burner

- aluminum structure and a soundproof bonnet
- air regulation through external mechanical transmission, this allows an easy air calibration
- easy access to components for easy maintenance

The FG OIL boiler is designed to work only with RIELLO burners, but on request it can be supplied without a burner.

The FG OIL boiler can be supplied in the following RIELLO burner variants:

BOILER	BURNER
FGO30 H/HI/HB	RIELLO RG 1R
FGO45 H/HI/HB	RIELLO RG 1R
FGO65 H/HI/HB	RIELLO RG 2R
FGO30 HR/HIR/HBR	LOW NOX RIELLO GULLIVER BGK 1
FGO45 HR/HIR/HBR	LOW NOX RIELLO GULLIVER BGK 2
FGO65 HR/HIR/HBR	LOW NOX RIELLO GULLIVER BGK 3



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MAIN FUNCTIONS OF THE BOILER DISPLAY



Key

Functions

- 1-2 · Display and modification of the Sanitary Hot Water setting, menu scroll and parameter modification
- 3 · Info / Prog access to the menu parameters information (in the sub menu you usually also return to the main page)
- 4 · Enable the timed function (Holidays and Vacations)
- 5 · To Select Summer / Winter / Off - In the menu: to confirm / select
- 6 · Operating functions: Automatic / Manual
- 7-8 · Allow to display and modify the Temperature settings for COMFORT (COMFR) mode

The complete instructions of the display are provided in the product manual.

OPTIONAL

Our fully electronic boiler has the possibility to be connected to the **"Milky Way"** system an innovative technological system for remote control of the boiler and the climate

of the whole house through an app on your smartphone connected to wi-fi.



Description		FGO30 HR/HIR/ HBR/H/HI/HB	FGO45 HR/HIR/ HBR/H/HI/HB	FGO65 HR/HIR/ HBR/H/HI/HB
Number of sections	n°	3	4	5
Max. heat output Oil	kW	35	50	70
Min. heat output Oil	kW	25	40	55
Max. heating capacity Oil	kW	40	55	75
Min. heating capacity Oil	kW	30	45	65
Max. working pressure bar.	bar	4	4	4
Water content	lt.	22	30	38
Energy class (version HR - HIR - HBR)		A	A	A
Chamber content loading opening dimensions	mm	384x210	384x210	384x210
Temperature adjustment range	°C	30-90	30-90	30-90
Boiler min. temperature	°C	50	50	50
Min. pressure	bar	2,0	2,0	2,0
Min. flow rate	lt/m	10	10	10
Max. temperature	°C	25	25	25
Min. flue draught	mbar	0,14	0,14	0,14
Empty weight	Kg	192	192	192
Chamber content loading opening dimensions	mm	384x210	384x210	384x210
Boiler capacity (where provided)	lt	105	105	105
Dimensions boiler - Heating FGO..H(WxLxH)	cm	51x84x89	51x94x89	51x104x89
Dimensions boiler - Heating Instant water FGO.. HI(WxLxH)	cm	51x84x89	51x94x89	51x104x89
Dimensions boiler - Heating boiler water FGO.. HB(WxLxH)	cm	51x84x180	51x94x180	51x104x180
Dimensions boiler condensing - Heating FGO.. HR(WxLxH)	cm	51x104x89	51x114x89	51x124x89
Dimensions boiler condensing - Heating Instant water FGO..HIR(WxLxH)	cm	51x104x89	51x114x89	51x124x89
Dimensions boiler condensing - Heating boiler water FGO..HBR(WxLxH)	cm	51x104x180	51x114x180	51x124x180