

FROM 15.5 TO 41.3 Mcal/h
FROM 18 TO 48 kW
 for chimney connection

ELITEC DTG 130 ECO.NOX



Floor-standing atmospheric gas boilers for heating only



- Floor-standing gas boiler, low temperature
- Fitted to operate on natural gas
- Operation on propane with conversion kit (option)
- **Annual operating efficiency up to 94%**
- Heating body in **eutectic cast iron**
- **Low pollutant emissions:** NO_x < 70 mg/kWh, thanks to total pre-mix atmospheric gas burner
- Gas block including a safety box
- Electronic ignition

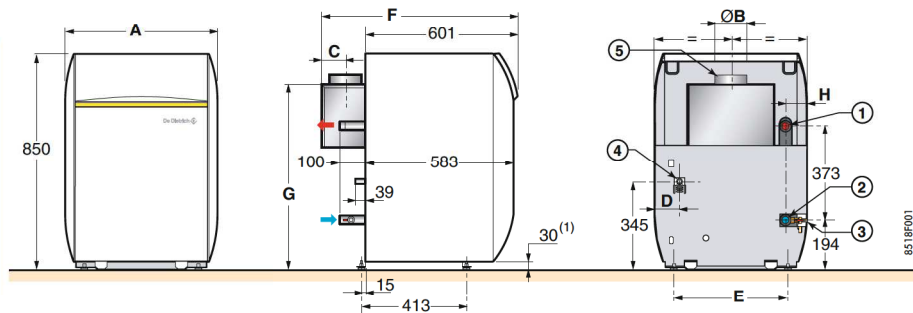
- Draught diverter thermostat timed at 15 min.
- Choice of 2 control panels with DHW priority function:
 - B: Basic, operation by boiler thermostat
 - D: Diematic 3, with electronic programmable regulation according to the outside temperature (see page 86)

- **Packaging:** 2 packages depending on model

Robustness and longevity thanks to eutectic cast iron

MAIN DIMENSIONS (mm and inches)

DTG	130	1300/ V	1300/ B-H
① Heating flow	R1	G1	G1
② Heating return	R1	G1	G1
③ Filling and drain top, connection for pipe int. Ø (mm)	14	14	14
④ Gas inlet	Ø K	Ø K	Ø K
⑤ Flue gas nozzle	Ø B	Ø B	Ø B
⑥ DHW outlet	-	G 1	R 3/4
⑦ Circulation (optional)	-	G 3/4	R 3/4
⑧ DCW inlet	-	G 1	R 3/4
⑨ Drainage valve, connection for pipe int. Ø (mm)	-	-	14



(1) Feet adjustable from 30 to 42 mm

R: Threading

G: External cylindrical threading water tightness by flat gasket

	A	Ø B	C	D	E	F	G	H	Ø K	Ø L	M	P
DTG 134, 1304/B 150	522	111	100	92	372	773	728	82	R 1/2	1122	-	-
DTG 135, 1305/B 150-H 150	600	125	93	98	450	773	728	85	R 1/2	1200	-	-
DTG 136, 1306/B 150-H 150	600	153	85	66	450	773	728	49	R 1/2	1200	-	-
DTG 137, 1307/B 150	744	153	85	103	594	773	728	85	R 3/4	1344	-	-
DTG 138, 1308/B 150	744	153	85	67	594	773	728	49	R 3/4	1344	-	-
DTG 139, 1309/B 150	822	180	94	70	672	798	768	52	R 3/4	1422	-	-
DTG 1305/V 110	-	125	93	120	550	-	-	107	R 1/2	-	182	878
DTG 1306/V 130	-	153	85	84	635	-	-	71	R 1/2	-	267	1050

TECHNICAL SPECIFICATIONS

Low temperature

Min. outlet temperature: 30°C

Min. return temperature: 20°C

Classification: B_{118S}

Max. operating temperature: 100°C

Max. operating pressure: 4 bar

Thermostat: 30 to 90°C adjustable

Safety thermostat: 110°C

Boiler type	DTG	134	135	136	137	138	139	
Nominal output	kW	18	24	30	36	42	48	
Efficiency at % PCI output ...% Pn and water temp. ...°C	{ 100% Pn at 70°C { 30% Pn at 50°C { 30% Pn at 40°C	%	89.6	89.9	90.1	90.2	90.5	90.8
		%	88.6	88.9	89.1	89.2	89.5	89.8
		%	90.0	90.3	90.5	90.6	90.9	91.2
Nominal water flow at Δt = 20 K	m ³ /h	0.78	1.03	1.29	1.55	1.81	2.07	
Water content	l	8.8	10.5	12.2	13.9	15.6	17.3	
Water resistance at Δt = 20 K	mbar	4.5	8.4	12.9	18.6	25.9	33.8	
Gas flow (15°C-1013 mbar)	{ natural gas H { propane	m ³ /h	2.13	2.82	3.52	4.22	4.91	5.60
		kg/h	1.56	2.07	2.59	3.10	3.60	4.11
Flue gas mass flow rate (natural gas)	kg/h	53	70	81	97	109	120	
Draught at the nozzle	mbar	0.05	0.05	0.05	0.05	0.05	0.05	
Flue gas temperature	°C	120	125	130	133	135	135	
Net weight	kg	101	119	135	151	168	184	

Model	DTG	134	135	136	137	138	139
130 Eco.NOx B	Ref.	85189101	85189102	85189103	85189104	85189105	85189106
130 Eco.NOx D	Ref.	85189401	85189402	85189403	85189404	85189405	85189406

FOR BOILER OPTIONS: see page 86, **HYDRAULIC MODULES:** see chapter 17