



BAXI

Geodis

The real innovation in cast iron



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Geodis Cast iron oil floor standing boilers

Geodis, the range of cast iron oil floor standing boilers fully fitted, delivered in one single package with burner, control unit, DHW tank and incorporated connections. Geodis is available in 14 models, heating only and with DHW production, open and fanned flue, with output from 24 to 50 kW.

Geodis provides maximum comfort for the most demanding users.



FEATURES

- Cast iron one or two* pieces hemispherical heat exchanger
- Enamelled steel exchanger
- CFC free polyurethane insulation
- Control panel
- Incorporated 500i ecological burner fitted
- Soundproofed front
- Sealed burner cover (fanned flue models)
- Low pollution emissions
- Easy installation

*for output > 30 kW

- cast iron heat exchanger
- long lasting quality
- ideally compact

	COMBI								HEATING ONLY							
	OPEN FLUE				FANNED FLUE				OPEN FLUE				FANNED FLUE			
	GEODIS Bi				GEODIS BVi				GEODIS Ci				GEODIS CVi			
	24	30	40	50	25	35	45		24	30	40	50	25	35	45	
Type of boiler	Low temperature															
Cast iron pieces	n°	1	1	2	2	1	2	2	1	1	2	2	1	2	2	
Nominal output	kW	20/24	24/30	40	50	25	35	45	20/24	24/30	40	50	25	35	45	
Heat output	kW	21,9/26,4	26,0/33,0	45,1	55	27,9	40,2	49	21,9/26,4	26,0/33,0	45,1	55	27,9	40,2	49	
Flue gas discharge	kg/h	37	47	63	78	-	-	-	37	47	63	78	-	-	-	
Flue gas volume	l	30	38	51	64	-	-	-	30	38	51	64	-	-	-	
Smoke circuit resistance	mbar	0,1	0,18	0,18	0,3	-	-	-	0,1	0,18	0,18	0,3	-	-	-	
Required draught	mbar	0,15	0,23	0,23	0,53	-	-	-	0,15	0,23	0,23	0,53	-	-	-	
100% and 70°C load efficiency	%	91,4	90,2	90,5	90,5	89,6	90,5	90,5	91,4	90,2	90,5	90,5	89,6	90,5	90,5	
30% and 30°C load efficiency	%	92	92,9	91	91	91,5	91	91	92	92,9	91	91	91,5	91	91	
Losses when off ΔT = 30K	W	252	252	420	420	252	420	420	182	182	300	300	182	300	300	
Auxiliary electric output (burner)	W	80	80	80	80	80	80	80	80	80	80	80	80	80	80	
Nominal water flow rate at Pn Δ=20K	m³/h	1,37	1,7	2,3	2,8	1,04	1,9	2,4	1,37	1,7	2,3	2,8	1,4	1,9	2,4	
Nominal flow rate boiler ΔP	mbar	3,3	5,3	10	12	3,6	9	11	3,3	5,3	10	12	3,6	9	11	
Water content	l	24	32	39	39	32	39	39	24	32	30	30	24	30	30	
DHW tank capacity	l	130	130	170	170	130	170	170	-	-	-	-	-	-	-	
Max operating pressure (primary)	bar	4														
Dimensions	height	mm	1398	1398	1398	1398	1398	1398	1398	852	852	852	852	852	852	
	width	mm	640	640	640	640	640	640	640	640	640	640	640	640	640	
	depth	mm	730	730	905	905	730	905	905	730	730	905	905	730	905	

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