

Hiflo Non-Condensing Water Heater

For bigger applications that require larger quantities of hot water, the Hiflo atmospheric range of water heaters is the perfect solution. Six models are available, ranging from 33kW to 101kW all with top or side water connections to offer flexible installation options.



Model shown 65/173

Technical Specification



Features

- Six models from 33kW to 101kW
- Top or side mounted water connections
- A recovery rate of up to 1745 litres per hour
- Factory installed Hydrojet® sediment reduction system
- Inspection door fitted to all models
- Natural Gas or LPG

Benefits

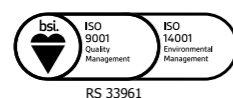
- Wide range to suit many applications
- Flexible installation options for the installer
- Excellent hot water performance
- Gives a longer and more efficient working life
- Assists access for maintenance and service
- Available for off mains gas areas



All the technical information you need is easy to find on our website, using your smart phone, tablet or PC:

- BIM files
- CAD files
- Brochures
- Technical specification sheets
- Case studies
- Installation manuals
- User guides
- Size-It Tool

Sales
0345 070 1055
Technical
0345 070 1057
Website
andrewswaterheaters.co.uk
Twitter
@AndrewsWH



Andrews. Built to perform.

Registered office address: Baxi Heating UK, Coventry Road, Warwick CV34 4LL

Tel 0345 070 1055 | Web andrewswaterheaters.co.uk

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Specifications

			Model					
			32/143 Auto/PP	65/173 Auto/PP	81/264 Auto/PP	62/341 Auto/PP	54/418 Auto/PP	54/440 Auto
Energy	Heat input (gross)	kW	42.8	50	80	102	128	139
	Heat output	kW	33.2	40.3	61.4	79.3	97.3	101.8
	Gross thermal efficiency	%	77.6	80.6	76.8	77.7	76	73.2
	Standby heat loss	Mj/month	648	765	1069	1001	1017	1002
	NOx emissions (0% O ₂) natural/propane	mg/kWh	187	216	212	216	216	216
	NOx emissions (0% O ₂) natural/propane	ppm	91	105	103	105	105	105
ErP	ErP efficiency		B	B	NA	NA	NA	NA
Gas data	Gas flow rate (natural gas)	m ³ /h	4	4.68	7.44	9.48	11.94	13.14
	Gas flow rate (propane)	m ³ /h	1.61	1.89	2.93	3.58	4.71	N/A
Water	Storage capacity	Litre	145	295	368	282	245	245
	Recovery rate through 50°CΔt	Litre/hr	569	691	1053	1359	1668	1745
	Recovery rate through 56°CΔt	Litre/hr	508	617	940	1214	1489	1558
	Operating pressure (unvented)	bar	3.5	3.5	3.5	3.5	3.5	3.5
	Minimum working pressure	bar	0.2	0.2	0.2	0.2	0.2	0.2
	Maximum pressure	bar	10.3	10.3	10.3	10.3	10.3	10.3
Electrical	Fuse rating	amp	N/A	N/A	N/A	N/A	N/A	N/A
	Electrical power consumption	W	N/A	N/A	N/A	N/A	N/A	N/A
Misc	Noise level	dBA	47	49	62	59	61	60
	Weight full	kg	335	495	656	538	514	514
	Weight empty	kg	190	200	289	257	269	269

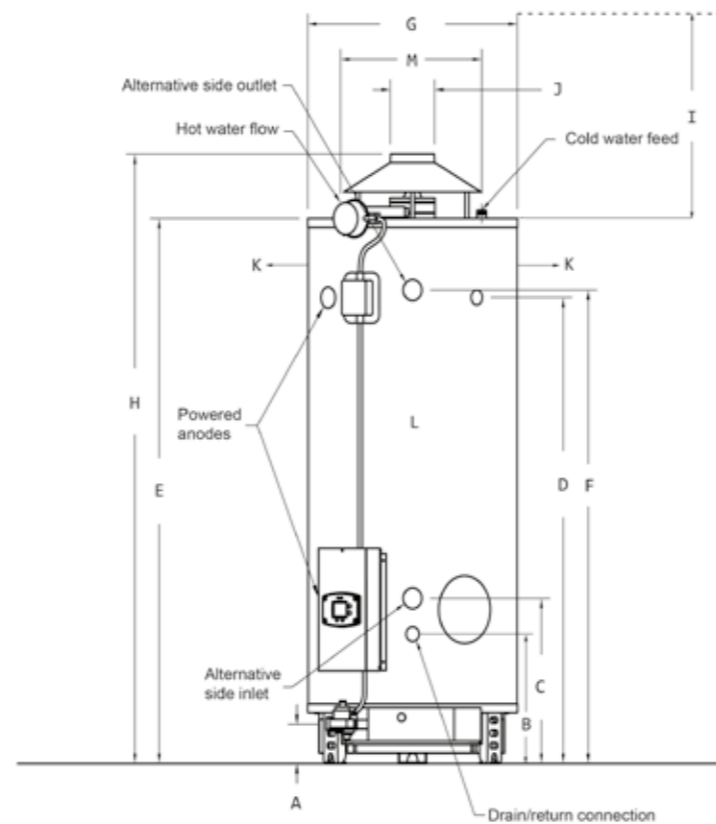
Accessories

Water Controls

	ALL
	Sales code
Unvented systems kit	B172
Correx powered anode kit	B184

Electrical Controls

	ALL
	Sales code
Auto ignition kit	B258
Auto ignition remote enable kit	5142634



Dimensions

	unit	32/143	65/173	81/264	62/341	54/418	54/440
A. Gas connection	mm	118	118	118	264	264	264
B. Drain/return connection	mm	384	384	384	406	406	406
C. Cold water	mm	492	495	599	733	733	733
D. Relief valve port	mm	864	1400	1680	1375	1379	1379
E. Height of heater	mm	1099	1638	1917	1670	1638	1638
F. Hot water outlet	mm	886	1422	1702	1375	1379	1379
G. Diameter	mm	717	717	717	717	717	717
H. Height of flue	mm	1302	1832	2178	1930	1826	1826
I. Top service clearance	mm	597	1143	1270	1143	1143	1143
J. Flue diameter	mm	150	150	200	200	250	250
K. Side and rear service clearance	mm	305	305	305	305	305	305
L. Front service clearance	mm	800	800	800	800	800	800
M. Top hot and cold connection	mm	n/a	470	470	n/a	n/a	n/a
Gas connection size	BSP	¾"	¾"	¾"	¾"	¾"	¾"
Cold water feed connection water	BSP	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"
Drain/return connection size	BSP	¾"	¾"	¾"	¾"	¾"	¾"
Hot water flow connection	BSP	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"
Side outlet/inlet alternative	BSP	¾"	¾"	¾"	¾"	¾"	¾"



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