

# CLASSICflo FAN FLUED Water Heaters (natural gas)



Product code			Model	
			RFF 13/175	RFF 18/270
			7697151	7697152
Energy	Heat input (gross)	kW	16.4	22.3
	Heat output (gross)	kW	13	18
	Gross thermal efficiency	%	89%	89%
	Standby heat loss	kWh/day	3.14	3.77
ErP	NO <sub>x</sub> emissions (0% O <sub>2</sub> )	mg/kWh	20	20
	NO <sub>x</sub> emissions (0% O <sub>2</sub> )	ppm	12	11
	ErP efficiency rating		B	B
	Water heater efficiency	%	75	77
	Noise level	dBA	49	49
Gas data	Gas flow rate (natural gas)	m <sup>3</sup> /hr	1.37	1.86
Water	Storage capacity	litre	174	270
	Recovery rate through 50°C Δt	litre/hr	225	306
	Recovery rate through 56°C Δt	litre/hr	201	273
	Operating pressure (unvented)	bar	3.5	3.5
	Minimum working pressure	bar	1	1
	Maximum pressure	bar	10.3	10.3
Electrical	Fuse rating	amp	5	5
	Electrical power consumption	W	236	236
	Electrical requirements	V	230	230
Misc	Weight full	kg	253	383
	Weight empty	kg	79	114
	Maximum outlet temperature	°C	80	80
	Maximum flue gas temperature	°C	300	300
Connection sizes and Dimensions	Inlet/outlet connections	BSP	¾	¾
	Return connection	BSP	¾	¾
	Gas connection (gas cock supplied)	BSP	½	½
	Height of water heater	mm	1438	1511
	Height to vent connection	mm	1686	1759
	Diameter of water heater	mm	559	660
	Flue diameter - conventional flue	mm	80 - 125	80 - 125
	Flue diameter - concentric balanced flue	mm	n/a	n/a
Service clearance	Front	mm	300	300
	Sides	mm	300	300
	Above	mm	762	762
Shipping	Shipping width	mm	560	668
	Shipping depth	mm	685	780
	Shipping height	mm	1704	1760
	Shipping weight	kg	88	123
Ancillaries	Horizontal flue kit		B176	
	Vertical flue kit		B227	
	1 metre length flue		C793	
	0.5 metre flue		E361	
	90° bend		C792	
	45° bend		C794	
	Wall terminal guard		E105	
	Unvented system kit		7703928	
	Correx powered anode kit		7705307	
	Remote enable kit		7705367	



Sales 0345 070 1055

Technical 0345 070 1057

Web [andrewswaterheaters.co.uk](http://andrewswaterheaters.co.uk)

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