

Technical Data

Warmwell - Performance and General Data Information

BOILER MODEL		W 60	W 80	W 95	W 120	W 140	
Energy	Boiler output (Condensing)	kW Btu/h x 1000	59 201.3	78 266.0	93 317.3	120 409.4	135 460.6
	Boiler output (Non-condensing)	kW Btu/h x 1000	54 184.2	72.5 247.0	86 293.4	117 399.2	128 436.7
	Boiler input (Gross)	kW Btu/h x 1000	63.4 216.3	86.5 295	101 344.6	132 450.4	150 511.8
	Boiler input (Nett)	kW Btu/h x 1000	57.1 194.8	78 266	90.9 310.2	119 406.0	135 460.6
Water	Water content	litres UK gal	36 7.9	43 9.5	43 9.5	50 10.9	57 12.5
	Water flow rate @ 15°C Δt rise	litres UK gal/min	0.94 12.4	1.21 16.0	1.46 19.3	1.91 25.2	2.15 28.4
	Water flow rate @ 20°C Δt rise	litres UK gal/min	0.70 9.2	0.91 12.0	1.10 14.5	1.43 18.8	1.61 21.2
	Water side pressure drop @ 20°C Δt rise	mbar in wg	17.6 7.1	32.0 12.8	50.0 20.0	91.0 36.5	117.7 47.1
	Maximum water pressure	barg psig	6 87				
Gas	Input rate natural gas	m ³ /h ft ³ /h	5.92 209	7.90 279	9.44 333	12.6 445	14.1 498
	Nominal gas inlet pressure	mbar in wg	20 8				
	Maximum gas inlet pressure	mbar in wg	25 10				
	Gas setting pressure, natural gas	mbar in wg	12.5 5.0	10.7 4.3	9.5 3.8	11.6 4.6	11.0 4.4
	No. of burner bars/injectors		4	4	4	5	5
Flue	Approx. flue gas volume Condensing @ 9% CO ₂ & NTP. (Dry)	m ³ /h ft ³ /h	82.81 2924	111.0 3920	132.05 4663	173.5 6127	197.2 6964
	Approx. flue gas temperature (Condensing)	°C °F	45 113				
	Approx. flue gas temp. (Non-Condensing)	°C °F	65 149				
Connections	Water flow/return connections		Rc 2" ISO 7/1				
	Gas inlet connection pipe thread size		R ³ / ₄ " ISO 7/1			R1" ISO 7/1	
	Nominal flue diameter	mm	150				
Electrics	Normal supply voltage		230V, 50Hz, Single Phase, 10 Amp Fuse				
	Power consumption (Maximum)	W	190				