

Boiler range	Boiler type	Boiler model	Set output		Burner make/type	Width (mm)	Height (mm)	Depth (mm)	Weight dry (kg)	Conventional flue	Connection sizes		Exp vessel size (litres)	SEDBUK Efficiency	Nozzle (kerosene)	Pressure (bar)
			kW	(Btu/h)							Flow	Return				
Euroflame	Kitchen/Utility (top service)	50/70	17.6	60,000	Riello RDB1SH	345	812	555	76.0	100mm dia	1" BSP	1" BSP	N/A	85.3	0.60/60° EH	7.0
		70/90	23.5	80,000	Riello RDB1	410	860	600	109.0	100mm dia	1" BSP	1" BSP	N/A	85.3	0.75/60° EH	7.0
		90/120	32.2	110,000	Riello RDB2	410	860	600	121.0	125mm dia	1¼" BSP	1¼" BSP	N/A	85.2	1.00/80° H	8.0
	Boiler house	50/70	17.6	60,000	Riello RDB1SH	345	705	555	55.0	100mm dia	1" BSP	1" BSP	N/A	85.3	0.60/60° EH	7.0
		70/90	23.5	80,000	Riello RDB1	425	750	620	100.0	100mm dia	1" BSP	1" BSP	N/A	85.3	0.75/60° EH	7.0
		90/120	32.2	110,000	Riello RDB2	425	715	620	112.0	125mm dia	1¼" BSP	1¼" BSP	N/A	85.2	1.00/80° H	8.0
Kitchen System (top service)	50/90	23.5	80,000	Riello RDB1	410	860	600	117.0	100mm dia	22mm ¹	1" BSP	12	85.3	0.75/60° EH	7.0	
	90/120	32.2	110,000	Riello RDB2	410	860	600	129.0	125mm dia	28mm ¹	1¼" BSP	12	85.2	1.00/80° H	8.0	
Multipass	Kitchen (front service)	50/70	20.5	70,000	Riello RDB1	410	860	605	115.0	100mm dia	1" BSP	1" BSP	N/A	85.7 "	0.60/60° S	9.0
		70/90	23.5	80,000	Riello RDB1	410	860	605	117.0	100mm dia	1" BSP	1" BSP	N/A	85.7 "	0.75/60° EH	7.0
		90/140	36.7	125,000	Riello RDB2	410	1080	690	148.0	125mm dia	1¼" BSP	1¼" BSP	N/A	85.7 "	1.10/80° EH	8.5
		140/160	47.0	160,000	Sterling 90	530	1200	835	210.0	125mm dia	1¼" BSP	1¼" BSP	N/A	85.7 "	1.35/60° S	8.0
		160/200	58.6	200,000	Sterling 90	530	1200	835	210.0	150mm dia	1¼" BSP	1¼" BSP	N/A	85.7 "	1.65/60° S	9.2
	Boiler house	70/90	23.5	80,000	Riello RDB1	460	720	625	98.0	100mm dia	1" BSP	1" BSP	N/A	85.7 "	0.75/60° EH	7.0
		90/140	36.7	125,000	Riello RDB2	460	895	655	125.0	125mm dia	1¼" BSP	1¼" BSP	N/A	85.7 "	1.10/80° EH	8.5
		140/160	47.0	160,000	Sterling 90	550	1000	765	197.0	125mm dia	1¼" BSP	1¼" BSP	N/A	85.7 "	1.35/60° S	8.0
		160/200	58.6	200,000	Sterling 90	550	1000	765	197.0	150mm dia	1¼" BSP	1¼" BSP	N/A	85.7 "	1.65/60° S	9.2
		Kitchen System (top service)	50/70	20.5	70,000	Riello RDB1	410	860	605	117.0	100mm dia	22mm ¹	1" BSP	12	85.7 "	0.60/60° S
	70/90		23.5	80,000	Riello RDB1	410	860	605	117.0	100mm dia	22mm ¹	1" BSP	12	85.7 "	0.75/60° EH	7.0
	90/140		36.7	125,000	Riello RDB2	410	1080	690	150.0	125mm dia	28mm ¹	1¼" BSP	12	85.7 "	1.10/80° EH	8.5
Combi	Kitchen Combi	70V3	20.5	70,000	Riello RDB1SH	560	860	605	158.0	100mm dia	22mm ¹	22mm ¹	12	82.5	0.60/60° EH	8.5
		90V3	26.4	90,000	Riello RDB1	560	860	605	158.0	100mm dia	22mm ¹	22mm ¹	12	82.7	0.75/60° EH	9.5
		Max	33.3	113,600	Riello RDB2.2	560	860	605	159.0	100mm dia	22mm ¹	22mm ¹	12	82.2	1.00/80° EH	9.0
	Outdoor Combi	90V3	26.4	90,000	Riello RDB1	617	885	1100 ²	202.0	Green sys/90	22mm ¹	22mm ¹	12	82.5	0.75/60° EH	9.5
Max		33.3	113,600	Riello RDB2.2	617	885	1100 ²	203.0	Green sys/200	22mm ¹	22mm ¹	12	82.7	1.00/80° EH	9.0	
Outdoor	Outdoor Module	50/70	17.6	60,000	Riello RDB1SH	388	829	942 ²	95.0	Green sys/90	1" BSP	1" BSP	10	85.3	0.60/60° EH	7.0
		70/90	23.5	80,000	Riello RDB1	505	908	1005 ²	128.0	Green sys/90	1" BSP	1" BSP	10	85.3	0.75/60° EH	7.0
		90/120	32.2	110,000	Riello RDB2	505	908	1005 ²	138.0	Green sys/200	1¼" BSP	1¼" BSP	12	85.2	1.00/80° H	8.0
		110/140	36.7	125,000	Riello RDB2	466	1045	1042 ²	167.0	Green sys/200	1¼" BSP	1¼" BSP	12	85.7 "	1.10/80° EH	8.5

IMPORTANT NOTES:

¹ Push-fit connectors supplied with boiler

² Depth of boiler includes flue terminal and terminal guard

" SEDBUK efficiency capped at 85.7% for Category 'C'

Boiler range	Boiler type	Boiler model	Set output		Burner make/type	Dimensions (mm)			Weight dry (kg)	Conventional flue	Connection sizes		Exp vessel size (litres)	SEDBUK Efficiency	Nozzle (kerosene)	Pressure (bar)
			kW	Btu/h		Width	Height	Depth			Flow	Return				
Vortex PRO	Kitchen/Utility (front service)	15/21	21.0	71,650	Riello RDB2.2 ³	348	855	566	104.0	100mm dia	22mm ¹	22mm ¹	N/A	93.0	0.60/80° EH	9.0
		15/26	23.0	78,475	Riello RDB1	470	860	603	112.0	100mm dia	22mm ¹	22mm [*]	N/A	95.0	0.65/80° EH	8.5
		26/36	31.5	107,500	Riello RDB2	470	900	603	134.0	100mm dia	28mm ¹	28mm [*]	N/A	97.0	0.85/80° EH	9.0
		36/46	41.5	142,000	Riello RDB2.2	470	900	603	134.0	100mm dia	28mm ¹	28mm [*]	N/A	92.6	1.20/80° S	8.0
		46/58	52.0	177,424	Riello RDB3.2	563	1234	786	295.0	100/125mm ⌘	1¼" BSP	1¼" BSP	N/A	94.1	1.35/80° S	9.5
		58/70	64.0	218,368	Riello RDB3.2	563	1234	786	299.0	100/125mm ⌘	1¼" BSP	1¼" BSP	N/A	93.6	1.65/80° S	9.5
	Utility System (top service)	15/26	23.0	78,475	Riello RDB1	470	860	603	127.0	100	22mm ¹	22mm [*]	10	95.0	0.65/80° EH	8.5
		26/36	31.5	107,500	Riello RDB2	470	900	603	142.0	100	28mm ¹	28mm [*]	12	97.0	0.85/80° EH	9.0
		36/46	41.5	142,000	Riello RDB2.2	470	900	603	142.0	100	28mm ¹	28mm [*]	16	92.6	1.20/80° S	8.0
	External Module	15/21	21.0	71,650	Riello RDB2.2 ³	385	879	943 ²	117.0	Green sys/90	22mm ¹	22mm ¹	10	93.0	0.60/80° EH	9.0
		15/26	23.0	78,475	Riello RDB1	505	908	1005 ²	157.0	Green sys/90	22mm ¹	22mm ¹	12	95.0	0.65/80° EH	8.5
		26/36	31.5	107,500	Riello RDB2	505	908	1005 ²	174.0	Green sys/200	28mm ¹	28mm ¹	16	97.0	0.85/80° EH	9.0
36/46		41.5	142,000	Riello RDB2.2	505	908	1005 ²	174.0	Green sys/200	28mm ¹	28mm ¹	16	92.6	1.20/80° S	8.0	
Vortex ECO	Utility	15/21	18.1	61,750	Riello RDB2.2 ³	430	860	605	103.0	100	22mm ¹	22mm ¹	12	93.0	0.55/80° EH	7.5
		21/26	22.7	77,500	Riello RDB2.2	430	860	605	103.0	100	22mm ¹	22mm ¹	12	92.4	0.65/80° EH	8.5
		26/35	30.8	105,100	Riello RDB2.2	470	900	603	121.0	100	22mm ¹	22mm ¹	12	92.1	0.85/80° EH	9.1
	External Module	15/21	18.1	61,750	Riello RDB2.2 ³	505	908	1005 ²	135.0	Green sys/90	22mm ¹	22mm ¹	12	93.0	0.55/80° EH	7.5
		21/26	22.7	77,500	Riello RDB2.2	505	908	1005 ²	135.0	Green sys/90	22mm ¹	22mm ¹	12	92.4	0.65/80° EH	8.5
		26/35	30.8	105,100	Riello RDB2.2	505	908	1005 ²	152.0	Green sys/200	22mm ¹	22mm ¹	12	92.1	0.85/80° EH	9.1
Vortex ECO Wall-hung	Internal	12/16	14.0	47,770	Ecoflam MAX1	580	850	322	85.7	100	22mm ¹	22mm ¹	N/A	94.9	0.40/80° EH	10.0
		16/21	18.7	63,800	Ecoflam MAX1	580	850	322	85.7	100	22mm ¹	22mm ¹	N/A	93.8	0.50/80° EH	10.0
	Internal System	12/16	14.0	47,770	Ecoflam MAX1	580	850	322	92.2	100	22mm ¹	22mm ¹	8	94.9	0.40/80° EH	10.0
		16/21	18.7	63,800	Ecoflam MAX1	580	850	322	92.2	100	22mm ¹	22mm ¹	8	93.8	0.50/80° EH	10.0
	External	12/16	14.0	47,770	Ecoflam MAX1	635	837	366	92.3	Green sys/90	22mm ¹	22mm ¹	N/A	94.9	0.40/80° EH	10.0
		16/21	18.7	63,800	Ecoflam MAX1	635	837	366	92.3	Green sys/90	22mm ¹	22mm ¹	N/A	93.8	0.50/80° EH	10.0
	External System	12/16	14.0	47,770	Ecoflam MAX1	635	837	366	98.8	Green sys/90	22mm ¹	22mm ¹	8	94.9	0.40/80° EH	10.0
		16/21	18.7	63,800	Ecoflam MAX1	635	837	366	98.8	Green sys/90	22mm ¹	22mm ¹	8	93.8	0.50/80° EH	10.0
Vortex PRO Combi 'e'	Kitchen Combi	21	21	71,650	Riello RDB2.2 ³	590	860	600	146.0	100	22mm ¹	22mm ¹	10	90.2	0.60/80° EH	9.0
		26	26	88,700	Riello RDB1	590	860	605	188.0	100	22mm ¹	22mm ¹	12	92.2	0.75/80° EH	8.0
		36	36	123,700	Riello RDB2.2	615	900	605	218.0	100	28mm ¹	28mm ¹	14	94.2	1.00/80° EH	9.1
	External Combi	21	21	71,650	Riello RDB2.2 ³	658	945	966 ²	147.0	Green sys/90	22mm ¹	22mm ¹	10	90.2	0.60/80° EH	9.0
		26	26	88,700	Riello RDB1	658	945	966 ²	200.0	Green sys/90	22mm ¹	22mm ¹	12	92.2	0.75/80° EH	8.0
		36	36	123,700	Riello RDB2.2	658	945	966 ²	215.0	Green sys/200	28mm ¹	28mm ¹	14	94.2	1.00/80° EH	9.1

IMPORTANT NOTES:

¹ Push-fit connectors supplied with boiler

² Depth of boiler includes flue terminal and terminal guard

³ Burner fitted with internal air adjuster factory set to position 'C'

* Compression fitting (supplied on boiler connection)

⌘ 125mm for Orange flue systems using flexible flue liner - 100mm for combined Orange & Green flue system **without** flexible flue liner