

# HOLBORN 97 HORIZONTAL

White (RAL 9010), Volcanic & Colours

- Made in Italy
- 100% recycled and recyclable aluminium
- Fast heat up times
- Lightweight, low water content
- Ideal for use with heat pumps - to calculate the output at  $\Delta T 30^{\circ}C$ , multiply the outputs below by 0.515

Delivery White & Volcanic	<b>3 - 5 days</b>	Delivery Colours	<b>7 - 10 days</b>	Operating up to (bar)	<b>16</b>	Warranty (years)	<b>10</b>
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Sections	Code	White Price (B)		Volcanic Price (V)		Colour Price (C)		Width mm	Output $\Delta T 50^{\circ}C$		Dry Weight kg	Water Content litres
		Ex VAT	Inc VAT	Ex VAT	Inc VAT	Ex VAT	Inc VAT		Watts	BTU		
<b>Height: 407mm</b>												
3	HOL97-X-407-03	£127.05	£152.46	£165.20	£198.24	£172.05	£206.46	260	277	945	3.36	0.72
4	HOL97-X-407-04	£169.40	£203.28	£220.20	£264.24	£229.40	£275.28	340	370	1262	4.48	0.96
5	HOL97-X-407-05	£211.75	£254.10	£275.30	£330.36	£286.75	£344.10	420	462	1575	5.60	1.20
6	HOL97-X-407-06	£254.10	£304.92	£330.30	£396.36	£344.10	£412.92	500	554	1889	6.72	1.44
7	HOL97-X-407-07	£296.45	£355.74	£385.40	£462.48	£401.45	£481.74	580	647	2206	7.84	1.68
8	HOL97-X-407-08	£338.80	£406.56	£440.40	£528.48	£458.80	£550.56	660	739	2520	8.96	1.92
9	HOL97-X-407-09	£381.15	£457.38	£495.50	£594.60	£516.15	£619.38	740	832	2837	10.08	2.16
10	HOL97-X-407-10	£423.50	£508.20	£550.60	£660.72	£573.50	£688.20	820	924	3151	11.20	2.40
11	HOL97-X-407-11	£465.85	£559.02	£605.60	£726.72	£630.85	£757.02	900	1016	3465	12.32	2.64
12	HOL97-X-407-12	£508.20	£609.84	£660.70	£792.84	£688.20	£825.84	980	1109	3782	13.44	2.88
13	HOL97-X-407-13	£550.55	£660.66	£715.70	£858.84	£745.55	£894.66	1060	1201	4095	14.56	3.12
14	HOL97-X-407-14	£592.90	£711.48	£770.80	£924.96	£802.90	£963.48	1140	1294	4413	15.68	3.36
15	HOL97-X-407-15	£635.25	£762.30	£825.80	£990.96	£860.25	£1,032.30	1220	1386	4726	16.80	3.60
16	HOL97-X-407-16	£677.60	£813.12	£880.90	£1,057.08	£917.60	£1,101.12	1300	1478	5040	17.92	3.84
17	HOL97-X-407-17	£719.95	£863.94	£935.90	£1,123.08	£974.95	£1,169.94	1380	1571	5357	19.04	4.08
18	HOL97-X-407-18	£762.30	£914.76	£991.00	£1,189.20	£1,032.30	£1,238.76	1460	1663	5671	20.16	4.32
19	HOL97-X-407-19	£804.65	£965.58	£1,046.00	£1,255.20	£1,089.65	£1,307.58	1540	1756	5988	21.28	4.56
20	HOL97-X-407-20	£847.00	£1,016.40	£1,101.10	£1,321.32	£1,147.00	£1,376.40	1620	1848	6302	22.40	4.80
21	HOL97-X-407-21	£889.35	£1,067.22	£1,156.20	£1,387.44	£1,204.35	£1,445.22	1700	1940	6615	23.52	5.04
22	HOL97-X-407-22	£931.70	£1,118.04	£1,211.20	£1,453.44	£1,261.70	£1,514.04	1780	2033	6933	24.64	5.28
23	HOL97-X-407-23	£974.05	£1,168.86	£1,266.30	£1,519.56	£1,319.05	£1,582.86	1860	2125	7246	25.76	5.52
24	HOL97-X-407-24	£1,016.40	£1,219.68	£1,321.30	£1,585.56	£1,376.40	£1,651.68	1940	2218	7563	26.88	5.76
25	HOL97-X-407-25	£1,058.75	£1,270.50	£1,376.40	£1,651.68	£1,433.75	£1,720.50	2020	2310	7877	28.00	6.00

<b>Height: 557mm</b>												
3	HOL97-X-557-03	£132.30	£158.76	£172.00	£206.40	£177.30	£212.76	260	358	1221	4.02	0.78
4	HOL97-X-557-04	£176.40	£211.68	£229.30	£275.16	£236.40	£283.68	340	478	1630	5.36	1.04
5	HOL97-X-557-05	£220.50	£264.60	£286.70	£344.04	£295.50	£354.60	420	598	2039	6.70	1.30
6	HOL97-X-557-06	£264.60	£317.52	£344.00	£412.80	£354.60	£425.52	500	717	2445	8.04	1.56
7	HOL97-X-557-07	£308.70	£370.44	£401.30	£481.56	£413.70	£496.44	580	836	2851	9.38	1.82
8	HOL97-X-557-08	£352.80	£423.36	£458.60	£550.32	£472.80	£567.36	660	956	3260	10.72	2.08
9	HOL97-X-557-09	£396.90	£476.28	£516.00	£619.20	£531.90	£638.28	740	1076	3669	12.06	2.34
10	HOL97-X-557-10	£441.00	£529.20	£573.30	£687.96	£591.00	£709.20	820	1195	4075	13.40	2.60
11	HOL97-X-557-11	£485.10	£582.12	£630.60	£756.72	£650.10	£780.12	900	1314	4481	14.74	2.86
12	HOL97-X-557-12	£529.20	£635.04	£688.00	£825.60	£709.20	£851.04	980	1434	4890	16.08	3.12
13	HOL97-X-557-13	£573.30	£687.96	£745.30	£894.36	£768.30	£921.96	1060	1554	5299	17.42	3.38
14	HOL97-X-557-14	£617.40	£740.88	£802.60	£963.12	£827.40	£992.88	1140	1673	5705	18.76	3.64
15	HOL97-X-557-15	£661.50	£793.80	£860.00	£1,032.00	£886.50	£1,063.80	1220	1792	6111	20.10	3.90
16	HOL97-X-557-16	£705.60	£846.72	£917.30	£1,100.76	£945.60	£1,134.72	1300	1912	6520	21.44	4.16
17	HOL97-X-557-17	£749.70	£899.64	£974.60	£1,169.52	£1,004.70	£1,205.64	1380	2032	6929	22.78	4.42
18	HOL97-X-557-18	£793.80	£952.56	£1,031.90	£1,238.28	£1,063.80	£1,276.56	1460	2151	7335	24.12	4.68
19	HOL97-X-557-19	£837.90	£1,005.48	£1,089.30	£1,307.16	£1,122.90	£1,347.48	1540	2270	7741	25.46	4.94
20	HOL97-X-557-20	£882.00	£1,058.40	£1,146.60	£1,375.92	£1,182.00	£1,418.40	1620	2390	8150	26.80	5.20
21	HOL97-X-557-21	£926.10	£1,111.32	£1,203.90	£1,444.68	£1,241.10	£1,489.32	1700	2510	8559	28.14	5.46
22	HOL97-X-557-22	£970.20	£1,164.24	£1,261.30	£1,513.56	£1,300.20	£1,560.24	1780	2629	8965	29.48	5.72
23	HOL97-X-557-23	£1,014.30	£1,217.16	£1,318.60	£1,582.32	£1,359.30	£1,631.16	1860	2748	9371	30.82	5.98
24	HOL97-X-557-24	£1,058.40	£1,270.08	£1,375.90	£1,651.08	£1,418.40	£1,702.08	1940	2868	9780	32.16	6.24
25	HOL97-X-557-25	£1,102.50	£1,323.00	£1,433.30	£1,719.96	£1,477.50	£1,773.00	2020	2988	10189	33.50	6.50

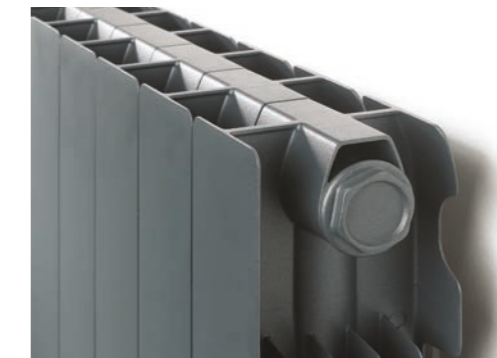
More sizes on next page +



Shown in Beaten Brass with Antique Brass Finchley TRV valves and pipe sleeves



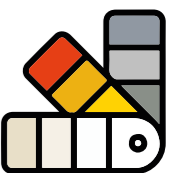
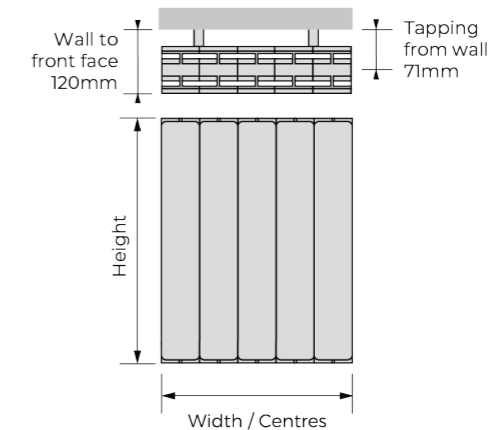
RAL 7015 Slate Grey finish



Volcanic finish



White finish



See page 58 for Colour options

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- 100% recycled and recyclable aluminium
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- Lightweight, low water content
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Delivery White & Volcanic	<b>3 - 5 days</b>	Delivery Colours	<b>7 - 10 days</b>	Operating up to (bar)	<b>16</b>	Warranty (years)	<b>10</b>
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Sections	Code	White Price (B)		Volcanic Price (V)		Colour Price (C)		Width mm	Output $\Delta T 50^{\circ}C$		Dry Weight kg	Water Content litres
		Ex VAT	Inc VAT	Ex VAT	Inc VAT	Ex VAT	Inc VAT		Watts	BTU		
<b>Height: 657mm</b>												
3	HOL97-X-657-03	£137.70	£165.24	£179.00	£214.80	£182.70	£219.24	260	431	1470	4.53	0.87
4	HOL97-X-657-04	£183.60	£220.32	£238.70	£286.44	£243.60	£292.32	340	574	1957	6.04	1.16
5	HOL97-X-657-05	£229.50	£275.40	£298.40	£358.08	£304.50	£365.40	420	718	2448	7.55	1.45
6	HOL97-X-657-06	£275.40	£330.48	£358.00	£429.60	£365.40	£438.48	500	861	2936	9.06	1.74
7	HOL97-X-657-07	£321.30	£385.56	£417.70	£501.24	£426.30	£511.56	580	1005	3427	10.57	2.03
8	HOL97-X-657-08	£367.20	£440.64	£477.40	£572.88	£487.20	£584.64	660	1148	3915	12.08	2.32
9	HOL97-X-657-09	£413.10	£495.72	£537.00	£644.40	£548.10	£657.72	740	1292	4406	13.59	2.61
10	HOL97-X-657-10	£459.00	£550.80	£596.70	£716.04	£609.00	£730.80	820	1435	4893	15.10	2.90
11	HOL97-X-657-11	£504.90	£605.88	£656.40	£787.68	£669.90	£803.88	900	1579	5384	16.61	3.19
12	HOL97-X-657-12	£550.80	£660.96	£716.00	£859.20	£730.80	£876.96	980	1722	5872	18.12	3.48
13	HOL97-X-657-13	£596.70	£716.04	£775.70	£930.84	£791.70	£950.04	1060	1866	6363	19.63	3.77
14	HOL97-X-657-14	£642.60	£771.12	£835.40	£1,002.48	£852.60	£1,023.12	1140	2009	6851	21.14	4.06
15	HOL97-X-657-15	£688.50	£826.20	£895.10	£1,074.12	£913.50	£1,096.20	1220	2153	7342	22.65	4.35
16	HOL97-X-657-16	£734.40	£881.28	£954.70	£1,145.64	£974.40	£1,169.28	1300	2296	7829	24.16	4.64
17	HOL97-X-657-17	£780.30	£936.36	£1,014.40	£1,217.28	£1,035.30	£1,242.36	1380	2440	8320	25.67	4.93
18	HOL97-X-657-18	£826.20	£991.44	£1,074.10	£1,288.92	£1,096.20	£1,315.44	1460	2583	8808	27.18	5.22
19	HOL97-X-657-19	£872.10	£1,046.52	£1,133.70	£1,360.44	£1,157.10	£1,388.52	1540	2727	9299	28.69	5.51
20	HOL97-X-657-20	£918.00	£1,101.60	£1,193.40	£1,432.08	£1,218.00	£1,461.60	1620	2870	9787	30.20	5.80
21	HOL97-X-657-21	£963.90	£1,156.68	£1,253.10	£1,503.72	£1,278.90	£1,534.68	1700	3014	10278	31.71	6.09
22	HOL97-X-657-22	£1,009.80	£1,211.76	£1,312.70	£1,575.24	£1,339.80	£1,607.76	1780	3157	10765	33.22	6.38
23	HOL97-X-657-23	£1,055.70	£1,266.84	£1,372.40	£1,646.88	£1,400.70	£1,680.84	1860	3301	11256	34.73	6.67
24	HOL97-X-657-24	£1,101.60	£1,321.92	£1,432.10	£1,718.52	£1,461.60	£1,753.92	1940	3444	11744	36.24	6.96
25	HOL97-X-657-25	£1,147.50	£1,377.00	£1,491.80	£1,790.16	£1,522.50	£1,827.00	2020	3588	12235	37.75	7.25

<b>Height: 757mm</b>												
3	HOL97-X-757-03	£142.80	£171.36	£185.60	£222.72	£187.80	£225.36	260	488	1664	5.76	1.05
4	HOL97-X-757-04	£190.40	£228.48	£247.50	£297.00	£250.40	£300.48	340	650	2217	7.68	1.40
5	HOL97-X-757-05	£238.00	£285.60	£309.40	£371.28	£313.00	£375.60	420	812	2769	9.60	1.75
6	HOL97-X-757-06	£285.60	£342.72	£371.30	£445.56	£375.60	£450.72	500	975	3325	11.52	2.10
7	HOL97-X-757-07	£333.20	£399.84	£433.20	£519.84	£438.20	£525.84	580	1138	3881	13.44	2.45
8	HOL97-X-757-08	£380.80	£456.96	£495.00	£594.00	£500.80	£600.96	660	1300	4433	15.36	2.80
9	HOL97-X-757-09	£428.40	£514.08	£556.90	£668.28	£563.40	£676.08	740	1462	4985	17.28	3.15
10	HOL97-X-757-10	£476.00	£571.20	£618.80	£742.56	£626.00	£751.20	820	1625	5541	19.20	3.50
11	HOL97-X-757-11	£523.60	£628.32	£680.70	£816.84	£688.60	£826.32	900	1788	6097	21.12	3.85
12	HOL97-X-757-12	£571.20	£685.44	£742.60	£891.12	£751.20	£901.44	980	1950	6650	23.04	4.20
13	HOL97-X-757-13	£618.80	£742.56	£804.40	£965.28	£813.80	£976.56	1060	2112	7202	24.96	4.55
14	HOL97-X-757-14	£666.40	£799.68	£866.30	£1,039.56	£876.40	£1,051.68	1140	2275	7758	26.88	4.90
15	HOL97-X-757-15	£714.00	£856.80	£928.20	£1,113.84	£939.00	£1,126.80	1220	2438	8314	28.80	5.25
16	HOL97-X-757-16	£761.60	£913.92	£990.10	£1,188.12	£1,001.60	£1,201.92	1300	2600	8866	30.72	5.60
17	HOL97-X-757-17	£809.20	£971.04	£1,052.00	£1,262.40	£1,064.20	£1,277.04	1380	2762	9418	32.64	5.95
18	HOL97-X-757-18	£856.80	£1,028.16	£1,113.80	£1,336.56	£1,126.80	£1,352.16	1460	2925	9974	34.56	6.30
19	HOL97-X-757-19	£904.40	£1,085.28	£1,175.70	£1,410.84	£1,189.40	£1,427.28	1540	3088	10530	36.48	6.65
20	HOL97-X-757-20	£952.00	£1,142.40	£1,237.60	£1,485.12	£1,252.00	£1,502.40	1620	3250	11083	38.40	7.00
21	HOL97-X-757-21	£999.60	£1,199.52	£1,299.50	£1,559.40	£1,314.60	£1,577.52	1700	3412	11635	40.32	7.35
22	HOL97-X-757-22	£1,047.20	£1,256.64	£1,361.40	£1,633.68	£1,377.20	£1,652.64	1780	3575	12191	42.24	7.70
23	HOL97-X-757-23	£1,094.80	£1,313.76	£1,423.20	£1,707.84	£1,439.80	£1,727.76	1860	3738	12747	44.16	8.05
24	HOL97-X-757-24	£1,142.40	£1,370.88	£1,485.10	£1,782.12	£1,502.40	£1,802.88	1940	3900	13299	46.08	8.40
25	HOL97-X-757-25	£1,190.00	£1,428.00	£1,547.00	£1,856.40	£1,565.00	£1,878.00	2020	4062	13851	48.00	8.75



Shown in White with Chrome Studio TRV valves



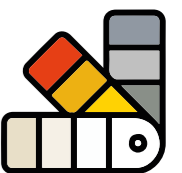
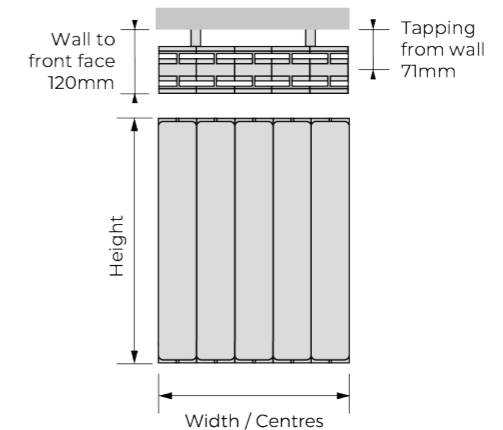
Beaten Brass finish



Volcanic finish



RAL 3003 Flame Red finish



See page 58 for Colour options