

autron

LST Radiators



Panel Radiators

An extensive range of panel radiators

Sales 01787 274135 www.autron.co.uk



Cert. No. 7402



autron

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Panel Radiators

The Autron range of quality single and double panel radiators offer exceptional value. This comprehensive range comprises SPSC (single panel, single convector), DPSC (double panel, single convector) and DPDC (double panel, double convector radiators). Autron panel radiators feature factory fitted side panels and top grilles as standard.

Quality and availability

Autron panel radiators are manufactured to the highest ISO 9001 standards and are CE and DIN marked. They are stocked in the UK for instant availability.

Strength and style

All Autron panel radiators are manufactured using 1.20mm steel for their main construction and are comprehensively pre-treated and then powder coat finished to RAL 9016 Traffic White. Each radiator is fully factory tested and is suitable for use with operating pressures of up to 10 BAR as standard (max test: 13 BAR) and a maximum operating temperature of up to 120°C. All Autron panel radiators also have a 10 year warranty against manufacturer's defects. All outputs have been certified to EN442.

Packaging

Each radiator is supplied with two steel angle wall mounts (three mounts with 1600mm models or longer).

The robust packaging includes bubble wrap, stacking pads, cardboard edging, strong plastic corner protectors and model description labels all shrink wrapped for maximum protection during transit and on site. Nickel-plated air vent/plugs, screws and wall plugs are packed supplied with each radiator.



CORRECTION FACTORS

Δt °C	CF
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60	1.267
59	1.240
58	1.213
57	1.186
56	1.159
55.5	1.145
55	1.132
54	1.105
53	1.079
52	1.052
51	1.026
50	1.000
45	0.872
40	0.748
35	0.629

Correction Factor Table

The outputs shown within this brochure are based on BS EN442, 75-65-20°C operating conditions, giving a Δt of 50°C, for Δt's other than this, a correction factor must be applied.

Example: Output required @ 82-71-21°C Δt 55.5 the CF = 1.145, therefore multiply the listed output by the correction factor to give actual radiator output under these operating conditions.



CASE HEIGHT (mm)	CASE LENGTH (mm)	SPSC			DPSC			DPDC		
		CODE	OUTPUT Δt 50°C		CODE	OUTPUT Δt 50°C		CODE	OUTPUT Δt 50°C	
			Watts	BTUs		Watts	BTUs		Watts	BTUs



300	Case Length (mm)	SPSC CODE	SPSC Output (Watts)	SPSC Output (BTUs)	DPSC CODE	DPSC Output (Watts)	DPSC Output (BTUs)	DPDC CODE	DPDC Output (Watts)	DPDC Output (BTUs)
	400	PAN300SPSC400	209	714	-	-	-	PAN300DPDC400	420	1432
500	PAN300SPSC500	262	892	-	-	-	-	-	-	
600	PAN300SPSC600	314	1071	-	-	-	PAN300DPDC600	629	2148	
800	PAN300SPSC800	366	1249	-	-	-	PAN300DPDC800	839	2864	
1000	PAN300SPSC1000	523	1784	-	-	-	PAN300DPDC1000	1049	3580	
1200	PAN300SPSC1200	628	2141	-	-	-	PAN300DPDC1200	1259	4296	
1400	PAN300SPSC1400	732	2498	-	-	-	PAN300DPDC1400	1469	5012	
1600	PAN300SPSC1600	837	2855	-	-	-	PAN300DPDC1600	1679	5727	
2000	PAN300SPSC2000	1046	3569	-	-	-	PAN300DPDC2000	2098	7159	

400	Case Length (mm)	SPSC CODE	SPSC Output (Watts)	SPSC Output (BTUs)	DPSC CODE	DPSC Output (Watts)	DPSC Output (BTUs)	DPDC CODE	DPDC Output (Watts)	DPDC Output (BTUs)
	400	PAN400SPSC400	270	921	PAN400DPSC400	413	1408	PAN400DPDC400	533	1819
500	PAN400SPSC500	337	1151	PAN400DPSC500	516	1759	PAN400DPDC500	666	2273	
600	PAN400SPSC600	405	1381	PAN400DPSC600	619	2111	PAN400DPDC600	800	2728	
700	PAN400SPSC700	472	1611	PAN400DPSC700	722	2463	PAN400DPDC700	933	3183	
800	PAN400SPSC800	540	1842	PAN400DPSC800	825	2815	PAN400DPDC800	1066	3637	
900	PAN400SPSC900	607	2072	PAN400DPSC900	928	3167	PAN400DPDC900	1199	4092	
1000	PAN400SPSC1000	675	2302	PAN400DPSC1000	1031	3519	PAN400DPDC1000	1333	4547	
1100	PAN400SPSC1100	742	2532	PAN400DPSC1100	1134	3871	PAN400DPDC1100	1466	5002	
1200	PAN400SPSC1200	810	2762	PAN400DPSC1200	1238	4223	PAN400DPDC1200	1599	5456	
1400	PAN400SPSC1400	945	3223	PAN400DPSC1400	1444	4927	PAN400DPDC1400	1866	6366	
1600	PAN400SPSC1600	1079	3683	PAN400DPSC1600	1650	5630	PAN400DPDC1600	2132	7275	
1800	PAN400SPSC1800	1214	4144	PAN400DPSC1800	1856	6334	PAN400DPDC1800	2399	8184	
2000	PAN400SPSC2000	1349	4604	PAN400DPSC2000	2063	7038	PAN400DPDC2000	2665	9094	
2200	PAN400SPSC2200	1484	5064	PAN400DPSC2200	2269	7742	PAN400DPDC2200	2932	10003	

500	Case Length (mm)	SPSC CODE	SPSC Output (Watts)	SPSC Output (BTUs)	DPSC CODE	DPSC Output (Watts)	DPSC Output (BTUs)	DPDC CODE	DPDC Output (Watts)	DPDC Output (BTUs)
	400	PAN500SPSC400	326	1114	PAN500DPSC400	493	1682	PAN500DPDC400	638	2176
500	PAN500SPSC500	408	1392	PAN500DPSC500	616	2102	PAN500DPDC500	797	2720	
600	PAN500SPSC600	490	1670	PAN500DPSC600	739	2523	PAN500DPDC600	956	3263	
700	PAN500SPSC700	571	1949	PAN500DPSC700	863	2943	PAN500DPDC700	1116	3807	
800	PAN500SPSC800	653	2227	PAN500DPSC800	986	3363	PAN500DPDC800	1275	4351	
900	PAN500SPSC900	734	2505	PAN500DPSC900	1109	3784	PAN500DPDC900	1435	4895	
1000	PAN500SPSC1000	816	2784	PAN500DPSC1000	1232	4204	PAN500DPDC1000	1594	5439	
1100	PAN500SPSC1100	897	3062	PAN500DPSC1100	1355	4625	PAN500DPDC1100	1754	5983	
1200	PAN500SPSC1200	979	3341	PAN500DPSC1200	1479	5045	PAN500DPDC1200	1913	6527	
1300	PAN500SPSC1300	1061	3619	-	-	-	PAN500DPDC1300	2072	7071	
1400	PAN500SPSC1400	1142	3897	PAN500DPSC1400	1725	5886	PAN500DPDC1400	2232	7615	
1500	PAN500SPSC1500	1224	4176	PAN500DPSC1500	-	-	PAN500DPDC1500	2391	8159	
1600	PAN500SPSC1600	1305	4454	PAN500DPSC1600	1972	6727	PAN500DPDC1600	2551	8703	
1800	PAN500SPSC1800	1469	5011	PAN500DPSC1800	2218	7568	PAN500DPDC1800	2869	9790	
2000	PAN500SPSC2000	1632	5568	PAN500DPSC2000	2464	8408	PAN500DPDC2000	3188	10878	
2200	PAN500SPSC2200	1795	6124	PAN500DPSC2200	2711	9249	PAN500DPDC2200	3507	11966	
2400	PAN500SPSC2400	1958	6682	-	-	-	PAN500DPDC2400	3826	13540	

600	Case Length (mm)	SPSC CODE	SPSC Output (Watts)	SPSC Output (BTUs)	DPSC CODE	DPSC Output (Watts)	DPSC Output (BTUs)	DPDC CODE	DPDC Output (Watts)	DPDC Output (BTUs)
	400	PAN600SPSC400	380	1296	PAN600DPSC400	566	1932	PAN600DPDC400	734	2504
500	PAN600SPSC500	475	1620	PAN600DPSC500	708	2414	PAN600DPDC500	917	3130	
600	PAN600SPSC600	570	1944	PAN600DPSC600	849	2897	PAN600DPDC600	1101	3756	
700	PAN600SPSC700	665	2268	PAN600DPSC700	991	3380	PAN600DPDC700	1284	4382	
800	PAN600SPSC800	760	2592	PAN600DPSC800	1132	3863	PAN600DPDC800	1468	5008	
900	PAN600SPSC900	855	2917	PAN600DPSC900	1274	4346	PAN600DPDC900	1651	5634	
1000	PAN600SPSC1000	950	3241	PAN600DPSC1000	1415	4829	PAN600DPDC1000	1835	6260	
1100	PAN600SPSC1100	1045	3565	PAN600DPSC1100	1557	5312	PAN600DPDC1100	2018	6886	
1200	PAN600SPSC1200	1140	3889	PAN600DPSC1200	1698	5795	PAN600DPDC1200	2202	7512	
1300	PAN600SPSC1300	1235	4213	PAN600DPSC1300	1840	6277	PAN600DPDC1300	2385	8138	
1400	PAN600SPSC1400	1330	4537	PAN600DPSC1400	1981	6760	PAN600DPDC1400	2569	8764	
1500	PAN600SPSC1500	1425	4861	PAN600DPSC1500	2123	7243	PAN600DPDC1500	2752	9390	
1600	PAN600SPSC1600	1520	5185	PAN600DPSC1600	2264	7726	PAN600DPDC1600	2935	10016	
1800	PAN600SPSC1800	1710	5833	PAN600DPSC1800	2547	8692	PAN600DPDC1800	3302	11268	
2000	PAN600SPSC2000	1900	6481	PAN600DPSC2000	2830	9658	PAN600DPDC2000	3669	12520	
2200	PAN600SPSC2200	2089	7129	PAN600DPSC2200	3114	10623	PAN600DPDC2200	4046	13772	
2400	PAN600SPSC2400	2280	7778	-	-	-	PAN600DPDC2400	4404	15240	

750	Case Length (mm)	SPSC CODE	SPSC Output (Watts)	SPSC Output (BTUs)	DPSC CODE	DPSC Output (Watts)	DPSC Output (BTUs)	DPDC CODE	DPDC Output (Watts)	DPDC Output (BTUs)
	400	PAN750SPSC400	430	1468	-	-	-	PAN750DPDC400	830	2832
600	PAN750SPSC600	645	2201	-	-	-	PAN750DPDC600	1245	4248	
800	PAN750SPSC800	860	2935	-	-	-	PAN750DPDC800	1660	5665	
1000	PAN750SPSC1000	1075	3669	-	-	-	PAN750DPDC1000	2075	7081	
1200	PAN750SPSC1200	1290	4403	-	-	-	PAN750DPDC1200	2490	8497	
1400	PAN750SPSC1400	1505	5136	-	-	-	PAN750DPDC1400	2905	9913	
1600	PAN750SPSC1600	1720	5870	-	-	-	PAN750DPDC1600	3320	11329	
1800	PAN750SPSC1800	1936	6604	-	-	-	-	-	-	

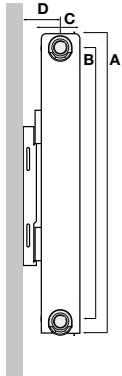
ΔT 50°C = mean water temperature of 70°C with a room temperature of 20°C. Refer to correction factor table (opposite page) for operating conditions other than ΔT 50°C

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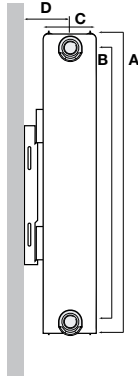
SPSC

Single Panel
Single Convector



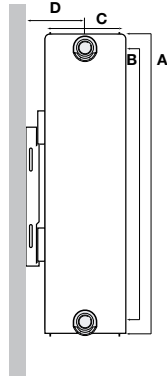
DPSC

Double Panel
Single Convector



DPDC

Double Panel
Double Convector



Sizes indicated may vary by + or -2mm.
Minimum mounting height: 100mm
4 x 1/2" bsp-f connections

Dimensions

Height mm A	Tapping Centres mm B	Depth mm C	Wall to Tapping Centre mm D	Water Content Lt / m	Weight Kg / m
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SPSC Single Panel Single Convector

300	245	65	40 / 55	1.7	8.6
400	345	65	40 / 55	2.1	11.5
500	445	65	40 / 55	2.4	14.4
600	545	65	40 / 55	2.9	17.3
750	695	65	40 / 55	4.0	25.8

DPSC Double Panel Single Convector

400	345	70	65 / 80	4.1	19.7
500	445	70	65 / 80	5.0	24.4
600	545	70	65 / 80	5.9	29.2

DPDC Double Panel Double Convector

300	245	105	82.5 / 97.5	3.2	17.4
400	345	105	82.5 / 97.5	4.1	22.9
500	445	105	82.5 / 97.5	5.0	28.3
600	545	105	82.5 / 97.5	5.9	33.8
750	695	105	82.5 / 97.5	7.6	51.2

Water Treatment

These products are for use on closed heating systems only; they are not suitable for installation on secondary HWS circuits.

On completion of the installation the entire system MUST be thoroughly cleaned and flushed to remove debris/flux residues etc. If a chemical cleanser is used, it must be thoroughly flushed from the system. Following this, the system MUST be dosed with a good eminence water treatment to prevent corrosion.

System design, flushing and dosing must be in accordance with BS 5449: 1990, BS EN 12828 & 12831: 2003 and BS 7593: 2006

IMPORTANT: Failure to observe these requirements will render the guarantee on the product void.

Corrosion inhibitor must be used in accordance with the manufacturer's instructions and recommendations and should take into account the particular metals within the system.

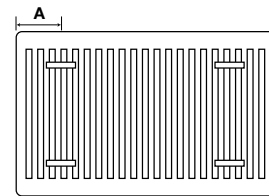
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Lug Positions



Type: 11
A = 125mm
750 high A = 115mm
Type: 21 and 22
A = 100mm
750 high A = 130mm
B = 105mm
750 high B = 80mm

Height	300	400	500	600	750
C	155	155	255	355	565



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