

E.C.A. SMART

Radiator

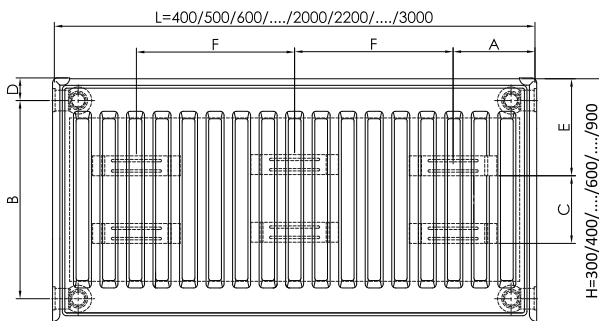


Product Technical Information

TYPE	300		400		500		600		700		800		900	
	Weight kg/m	Water Volume lt/m	Weight kg/m	Water Volume lt/m	Weight kg/m	Water Volume lt/m	Weight kg/m	Water Volume lt/m	Weight kg/m	Water Volume lt/m	Weight kg/m	Water Volume lt/m	Weight kg/m	Water Volume lt/m
11 (PK)	7.9	1,7	9.9	2,1	12.3	2,6	14.8	3	17.3	3,7	19.7	4,3	22.1	4,3
21 (PKP)	13.2	3,4	17.4	4,2	21.8	5,1	26.1	5,9	30.5	7,4	34.8	8,4	38.8	8,9
22 (PKKP)	14.7	3,4	19.3	4,2	24.1	5,1	28.9	6	33.7	7,4	38.5	8,4	43.2	8,9
33 (PKPKP)	22.0	5,1	28.8	6,3	36.0	7,6	43.2	8,9	50.4	11,1	57.6	12,7	64.8	13,2

Heights mm	300	400	500	600	700	800	900
B mm	249	349	449	549	649	749	849
L ₁₁ mm	400-3000	400-3000	400-3000	400-3000	400-3000	400-3000	400-3000
L ₂₁ mm	400-3000	400-3000	400-3000	400-3000	400-3000	400-3000	400-3000
L ₂₂ mm	400-3000	400-3000	400-3000	400-3000	400-3000	400-3000	400-3000
L ₃₃ mm	400-3000	400-3000	400-3000	400-3000	400-3000	400-2400	400-1800

Radiator Dimensions;



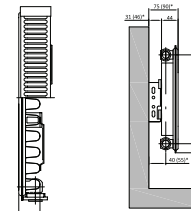
SPECIFIC DIMENSIONS OF PANEL RADIATOR					
TYPE	11 - 21 - 22 - 33				
L (mm)	400-500-600-...-2000-2200-...-3000	H (mm)	300-400-500-600-700-800-900		
A (mm)	101 (Type 11 = 117 mm)	B (mm)	249-349-449-549-649-749-849		
C (mm)	85-185-285-385-485-585-685	D (mm)	26		
E (mm)	120	F (mm)	(L - 2A) / 2		

QUANTITY OF RADIATOR HOLDERS	
L = 400-500-600-...-1600 mm	4 Pieces
L = 1700-1800-1900-...-3000 mm	6 Pieces

SPECIFICATIONS AND THICKNESS OF RADIATOR MATERIAL		
MATERIAL	THICKNESS	SPECIFICATIONS (Standard)
PANEL SHEET	1,15 mm	DIN EN 10130 DC 01 QUALITY
CONVECTOR SHEET	0,25 mm	DIN EN 10130 DC 01 QUALITY
TOP COVER SHEET	0,60 mm	DIN EN 10130 DC 01 QUALITY
SIDE COVER SHEET	0,50 mm	DIN EN 10130 DC 01 QUALITY

TYPE11

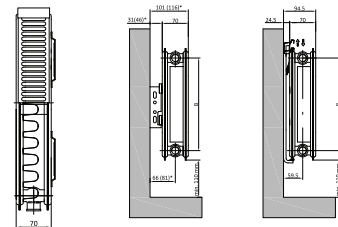
HEIGHT	Δ50°C		Δ60°C		n	K _M
	Watt/m	Kcal/hm	Watt/m	Kcal/hm		
300	476,4	409,7	603,9	519,4	1,3009	2,93617
400	624,9	537,4	793	682	1,3066	3,76649
500	766,5	659,2	973,7	837,4	1,3122	4,51985
600	901,3	775,1	1146,1	985,6	1,3179	5,19753
700	1029,3	885,2	1309,2	1126	1,3195	5,89863
800	1150,6	989,5	1464	1259	1,3211	6,55262
900	1265,3	1088,2	1610,4	1384,9	1,3227	7,16087



TYPE: 11-PK

TYPE21

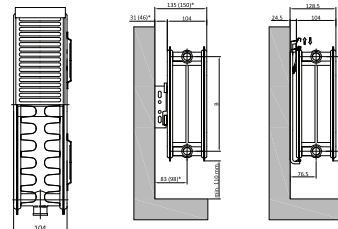
HEIGHT	Δ50°C		Δ60°C		n	K _M
	Watt/m	Kcal/hm	Watt/m	Kcal/hm		
300	732,3	629,8	928	798,1	1,2993	4,54169
400	931,7	801,3	1180,6	1015,3	1,2985	5,79647
500	1120,9	964	1420,1	1221,3	1,2978	6,99268
600	1301,6	1119,4	1648,8	1418	1,297	8,14542
700	1475,2	1268,7	1871,8	1609,8	1,306	8,91243
800	1642,2	1412,3	2087,1	1794,9	1,3149	9,58187
900	1803,4	1550,9	2295,7	1974,3	1,3239	10,15841



TYPE: 21-PKP

TYPE22

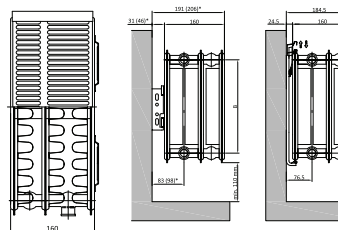
HEIGHT	Δ50°C		Δ60°C		n	K _M
	Watt/m	Kcal/hm	Watt/m	Kcal/hm		
300	923,3	794	1176,7	1012	1,3301	5,07625
400	1180,8	1015,5	1502,2	1291,9	1,3203	6,74569
500	1425,1	1225,6	1809,8	1556,4	1,3106	8,4562
600	1657,9	1425,8	2101,6	1807,4	1,3008	10,22205
700	1880,7	1617,4	2385,2	2051,2	1,3033	11,48291
800	2094,3	1801,1	2657,2	2285,2	1,3057	12,66758
900	2299,3	1977,4	2918,6	2510	1,3082	13,77219



TYPE: 22-PKKP

TYPE33

HEIGHT	Δ50°C		Δ60°C		n	K _M
	Watt/m	Kcal/hm	Watt/m	Kcal/hm		
300	1269	1092	1601	1376	1,27253	8,74023
400	1615	1388	2040	1754	1,28242	10,69625
500	1943	1671	2459	2115	1,29231	12,38286
600	2257	1941	2862	2461	1,3022	13,84063
700	2560	2201	3248	2793	1,30686	15,41166
800	2852	2452	3622	3115	1,31152	16,85921
900	3134	2695	3984	3426	1,31618	18,19457



TYPE: 33-PKKPKP