



RADIATORS
ITALIAN PREMIUM HEATING

Declaration of Performance
Nr.DLRSPR17000000 R1 - GB

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| 1. Unique identification code of the product-type: | Steel panel radiators / EN 442-2 G6 |
| 2. Intended use: | In heating systems in buildings |
| 3. Manufacturer | DL Radiators Srl
Via Ludovico Seitz, 47 – 31100 Treviso (ITALY)
https://www.dlradiators.it |
| 3a. Plant | DL Radiators Srl – Moimacco UD (Italy) |
| 4. Authorized representative: | - |
| 5. System/s of AVCP: | System 3 |
| 6a. Harmonized standard | EN 442-1:2015 |
| 6b. Notified body/ies | Politecnico di Milano (NoBo 1695) |

7. Essential characteristic	Performance
Reaction to fire	A1
Release of dangerous substances	None
Max. operating pressure (MOP)	10 bar (1000 kPa)
Pressure tightness	No leakage at 1,3 x Maximum Operating Pressure (1300 kPa)
Resistance to pressure	No breakage at 1,69 x Maximum Operating Pressure (1690 kPa)
Surface temperature	Max 110°C
Rated thermal output (Φ30 , Φ50)	[See table below]
Thermal output in different operating conditions (characteristic curve)	$\Phi = K_m \times \Delta T^n$
Resistance against corrosion	No corrosion after 100h humidity
Resistance against minor impact	Class 0

Description	Height [mm]	Length [mm]	K _m	n	Φ30 [W]	Φ50 [W]
Mod 10 LINEAR	300	1000	1,95274	1,2799	152	292
Mod 10 LINEAR	400	1000	2,37424	1,2806	185	356
Mod 10 LINEAR	500	1000	2,83205	1,2813	221	426
Mod 10 LINEAR	600	1000	3,33748	1,282	261	503
Mod 10 LINEAR	700	1000	4,20888	1,2632	309	589
Mod 10 LINEAR	900	1000	6,58148	1,2258	426	796
Mod 20 LINEAR	300	1000	3,06918	1,3095	264	515
Mod 20 LINEAR	400	1000	4,19215	1,289	336	649
Mod 20 LINEAR	500	1000	5,46098	1,2684	408	780
Mod 20 LINEAR	600	1000	6,90384	1,2479	481	910
Mod 20 LINEAR	700	1000	7,79174	1,251	549	1040
Mod 20 LINEAR	900	1000	9,51832	1,2574	685	1303
Mod 21 LINEAR	300	1000	5,87226	1,24453	405	764
Mod 21 LINEAR	400	1000	7,09451	1,25287	503	954
Mod 21 LINEAR	500	1000	8,20399	1,26122	598	1140
Mod 21 LINEAR	600	1000	9,22786	1,26956	693	1325
Mod 21 LINEAR	700	1000	10,2493	1,27625	787	1510
Mod 21 LINEAR	900	1000	12,164	1,28962	977	1888
Mod 22 LINEAR	300	1000	6,10367	1,29206	494	957
Mod 22 LINEAR	400	1000	7,56340	1,29391	617	1194
Mod 22 LINEAR	500	1000	8,94796	1,29577	734	1423
Mod 22 LINEAR	600	1000	10,2803	1,29762	849	1647
Mod 22 LINEAR	700	1000	11,1688	1,30860	957	1868
Mod 22 LINEAR	900	1000	12,6546	1,33055	1169	2306

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Mod 30 LINEAR	300	1000	5,22845	1,2795	406	780
Mod 30 LINEAR	400	1000	6,52194	1,2801	507	975
Mod 30 LINEAR	500	1000	7,77669	1,2806	606	1165
Mod 30 LINEAR	600	1000	9,01203	1,2811	703	1353
Mod 30 LINEAR	700	1000	10,0543	1,2863	799	1541
Mod 30 LINEAR	900	1000	12,026	1,2967	990	1920
Mod 33 LINEAR	300	1000	9,14735	1,2884	732	1413
Mod 33 LINEAR	400	1000	10,9905	1,2947	898	1741
Mod 33 LINEAR	500	1000	12,6772	1,3011	1059	2058
Mod 33 LINEAR	600	1000	14,2502	1,3074	1216	2372
Mod 33 LINEAR	700	1000	15,5989	1,31596	1371	2685
Mod 33 LINEAR	900	1000	18,0299	1,3331	1679	3318
Mod 10 PROFIL	300	1000	1,80077	1,33964	172	340
Mod 10 PROFIL	400	1000	2,53467	1,31948	225	442
Mod 10 PROFIL	500	1000	3,35357	1,29932	278	541
Mod 10 PROFIL	600	1000	4,26665	1,27916	331	636
Mod 10 PROFIL	700	1000	4,77936	1,28464	378	728
Mod 10 PROFIL	900	1000	5,67814	1,29561	466	902
Mod 11 PROFIL	300	1000	4,1542	1,25795	300	570
Mod 11 PROFIL	400	1000	5,03159	1,26421	371	707
Mod 11 PROFIL	500	1000	5,84794	1,27046	440	842
Mod 11 PROFIL	600	1000	6,62161	1,27672	509	977
Mod 11 PROFIL	700	1000	7,42718	1,28079	579	1114
Mod 11 PROFIL	900	1000	9,00995	1,28892	722	1395
Mod 20 PROFIL	300	1000	3,9075	1,27641	300	576
Mod 20 PROFIL	400	1000	4,73824	1,28037	369	709
Mod 20 PROFIL	500	1000	5,54266	1,28432	437	843
Mod 20 PROFIL	600	1000	6,33776	1,28828	507	979
Mod 20 PROFIL	700	1000	7,2018	1,28982	579	1119
Mod 20 PROFIL	900	1000	9,00855	1,29290	732	1417
Mod 21 PROFIL	300	1000	5,70993	1,26005	415	790
Mod 21 PROFIL	400	1000	6,95504	1,27028	523	1001
Mod 21 PROFIL	500	1000	8,04071	1,28052	626	1205
Mod 21 PROFIL	600	1000	8,9939	1,29075	725	1403
Mod 21 PROFIL	700	1000	9,90909	1,29902	822	1596
Mod 21 PROFIL	900	1000	11,4866	1,31557	1008	1974
Mod 22 PROFIL	300	1000	6,25111	1,29666	514	998
Mod 22 PROFIL	400	1000	7,64741	1,30178	640	1245
Mod 22 PROFIL	500	1000	8,93823	1,30689	762	1485
Mod 22 PROFIL	600	1000	10,1496	1,31201	880	1720
Mod 22 PROFIL	700	1000	11,1973	1,31941	995	1953
Mod 22 PROFIL	900	1000	13,0898	1,33422	1224	2420
Mod 30 PROFIL	300	1000	5,48889	1,28509	434	837
Mod 30 PROFIL	400	1000	6,54628	1,29617	538	1043
Mod 30 PROFIL	500	1000	7,46251	1,30724	637	1241
Mod 30 PROFIL	600	1000	8,26721	1,31832	732	1436
Mod 30 PROFIL	700	1000	9,40732	1,31751	831	1629
Mod 30 PROFIL	900	1000	11,7044	1,31589	1028	2014
Mod 33 PROFIL	300	1000	10,0113	1,27213	758	1452
Mod 33 PROFIL	400	1000	11,7001	1,28726	932	1800
Mod 33 PROFIL	500	1000	13,0634	1,30239	1096	2132
Mod 33 PROFIL	600	1000	14,1701	1,31752	1252	2454

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Description				Height [mm]	Length [mm]	K _m	n	Φ30 [W]	Φ50 [W]
Mod 33	PROFIL			700	1000	15,3583	1,32776	1405	2768
Mod 33	PROFIL			900	1000	17,329	1,34823	1699	3384
Mod 10	LINEAR	VERTICAL		1400	33,3	0,33887	1,23405	23	42
Mod 10	LINEAR	VERTICAL		1600	33,3	0,29848	1,28858	24	46
Mod 10	LINEAR	VERTICAL		1800	33,3	0,26544	1,34311	26	51
Mod 10	LINEAR	VERTICAL		2000	33,3	0,30857	1,33035	28	56
Mod 10	LINEAR	VERTICAL		2300	33,3	0,39118	1,31120	34	66
Mod 20	LINEAR	VERTICAL		1400	33,3	0,45736	1,26303	34	64
Mod 20	LINEAR	VERTICAL		1600	33,3	0,48813	1,27675	38	72
Mod 20	LINEAR	VERTICAL		1800	33,3	0,51828	1,29047	42	81
Mod 20	LINEAR	VERTICAL		2000	33,3	0,58805	1,28583	47	90
Mod 20	LINEAR	VERTICAL		2300	33,3	0,70669	1,27886	55	105
Mod 21	LINEAR	VERTICAL		1400	33,3	0,51038	1,29845	42	82
Mod 21	LINEAR	VERTICAL		1600	33,3	0,51911	1,31762	46	90
Mod 21	LINEAR	VERTICAL		1800	33,3	0,52228	1,33678	49	98
Mod 21	LINEAR	VERTICAL		2000	33,3	0,55157	1,34138	53	105
Mod 21	LINEAR	VERTICAL		2300	33,3	0,58997	1,34828	58	115
Mod 22	LINEAR	VERTICAL		1400	33,3	0,52925	1,35444	53	106
Mod 22	LINEAR	VERTICAL		1500	33,3	0,5566	1,35476	56	112
Mod 22	LINEAR	VERTICAL		1600	33,3	0,58322	1,35508	59	117
Mod 22	LINEAR	VERTICAL		1700	33,3	0,60918	1,35540	61	122
Mod 22	LINEAR	VERTICAL		1800	33,3	0,63443	1,35572	64	128
Mod 22	LINEAR	VERTICAL		1900	33,3	0,65766	1,35659	66	133
Mod 22	LINEAR	VERTICAL		2000	33,3	0,68019	1,35746	69	138
Mod 22	LINEAR	VERTICAL		2100	33,3	0,702	1,35832	71	143
Mod 22	LINEAR	VERTICAL		2200	33,3	0,72318	1,35919	74	147
Mod 22	LINEAR	VERTICAL		2300	33,3	0,72196	1,36766	76	152
Mod 22	LINEAR	VERTICAL		2400	33,3	0,71956	1,37613	78	157
Mod 10	PROFIL	VERTICAL		1400	33,3	0,22702	1,36303	23	47
Mod 10	PROFIL	VERTICAL		1600	33,3	0,26791	1,34935	26	53
Mod 10	PROFIL	VERTICAL		1800	33,3	0,31535	1,33566	30	59
Mod 10	PROFIL	VERTICAL		2000	33,3	0,33017	1,35100	33	65
Mod 10	PROFIL	VERTICAL		2300	33,3	0,35277	1,37401	38	76
Mod 20	PROFIL	VERTICAL		1400	33,3	0,42421	1,31266	37	72
Mod 20	PROFIL	VERTICAL		1600	33,3	0,48167	1,31046	42	81
Mod 20	PROFIL	VERTICAL		1800	33,3	0,53895	1,30826	46	90
Mod 20	PROFIL	VERTICAL		2000	33,3	0,57958	1,31319	50	99
Mod 20	PROFIL	VERTICAL		2300	33,3	0,63548	1,32058	57	111
Mod 21	PROFIL	VERTICAL		1400	33,3	0,56376	1,29433	46	89
Mod 21	PROFIL	VERTICAL		1600	33,3	0,5561	1,32210	50	98
Mod 21	PROFIL	VERTICAL		1800	33,3	0,54319	1,34986	54	107
Mod 21	PROFIL	VERTICAL		2000	33,3	0,59904	1,34463	58	115
Mod 21	PROFIL	VERTICAL		2300	33,3	0,68601	1,33678	65	128
Mod 22	PROFIL	VERTICAL		1400	33,3	0,49372	1,37977	54	109
Mod 22	PROFIL	VERTICAL		1500	33,3	0,5243	1,37540	56	114
Mod 22	PROFIL	VERTICAL		1600	33,3	0,55663	1,37102	59	119
Mod 22	PROFIL	VERTICAL		1700	33,3	0,59078	1,36665	62	124
Mod 22	PROFIL	VERTICAL		1800	33,3	0,62687	1,36227	65	129
Mod 22	PROFIL	VERTICAL		1900	33,3	0,62564	1,37351	67	135
Mod 22	PROFIL	VERTICAL		2000	33,3	0,62424	1,38476	69	141
Mod 22	PROFIL	VERTICAL		2100	33,3	0,62274	1,39600	72	147
Mod 22	PROFIL	VERTICAL		2200	33,3	0,62115	1,40725	75	153

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Mod 22	PROFIL	VERTICAL		2300	33,3	0,61948	1,41849	77	159
Mod 22	PROFIL	VERTICAL		2400	33,3	0,61947	1,42900	80	166

Φ = Rated thermal output

8. Appropriate Technical Documentation and/or Specific Technical Documentation

ENE/MRT.RES.13027_a	ENE/MRT.RES.13028_a
ENE/MRT.RES.17007	ENE/MRT.RES.13011
ENE/MRT.RES.13021_a	ENE/MRT.RES.13012
ENE/MRT.RES.13013	ENE/MRT.RES.17005
ENE/MRT.RES.13016_a	ENE/MRT.RES.17006
ENE/MRT.RES.13003	ENE/MRT.RES.13017_a
ENE/MRT.RES.13004	ENE/MRT.RES.00015a
ENE/MRT.RES.00015b	ENE/MRT.RES.00015c
ENE/MRT.RES.15020	ENE/MRT.RES.00012a
ENE/MRT.RES.00012c	ENE/MRT.RES.00012d
ENE/MRT.RES.15019	

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Treviso (ITALIA), 06.06.2017

Signed for and on behalf of the manufacturer by:

Piergiuseppe ALBERTINI
C.E.O. – DL Radiators S.r.l.

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