



DECLARATION OF PERFORMANCE

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011

Number: 10-2020/11

Description: Steel Panel Radiators

Model: Type 11

Intended use: Heating systems in buildings

Manufacturer:

Uterm Ukraine, LLC

Michurina str., 8,

Chuhuev, Kharkov region,

Ukraine, 63506

Reg. № 40532173

System of assessment and verification of constancy of performance: SYSTEM 3

Harmonised standard: EN 442-1: 2014; **Notified body:** No. 2693

Declared performances:

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	A1	EN 442-1: 2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1,3times maximum operating pressure	
Surface temperature	Up to 110 °C	
Resistance to internal pressure	No burst at 1,69times maximum operating pressure. Maximum operating pressure: 1000 kPa	
Resistance to corrosion	No corrosion after exposure to humidity for 100 hours	
Resistance to damage by small chocks	Class 0	
Rated thermal outputs	See below	
Thermal output at different operating conditions (characteristic equations)	See below	

Rated thermal outputs:

Φ_{50}

Rated low temperature thermal outputs:

Φ_{30}

Thermal output at different operating conditions

$\Phi = \Phi_{50} \cdot (\Delta T / 50)^n$

Type	Height (mm)	Length (mm)	Φ_{50} (W)	Φ_{30} (W)	n
11	300	400	189	99,0	1,2701
11	300	500	237	124	1,2701
11	300	600	284	148	1,2701
11	300	700	331	173	1,2701

Type	Height (mm)	Length (mm)	Φ_{50} (W)	Φ_{30} (W)	n
11	300	800	379	198	1,2701
11	300	900	426	223	1,2701
11	300	1000	473	247	1,2701
11	300	1100	521	272	1,2701
11	300	1200	568	297	1,2701
11	300	1300	615	322	1,2701
11	300	1400	663	346	1,2701
11	300	1500	710	371	1,2701
11	300	1600	757	396	1,2701
11	300	1700	805	421	1,2701
11	300	1800	852	445	1,2701
11	300	1900	900	470	1,2701
11	300	2000	947	495	1,2701
11	300	2100	994	520	1,2701
11	300	2200	1042	544	1,2701
11	300	2300	1089	569	1,2701
11	300	2400	1136	594	1,2701
11	300	2500	1184	619	1,2701
11	300	2600	1231	643	1,2701
11	300	2700	1278	668	1,2701
11	300	2800	1326	693	1,2701
11	300	2900	1373	718	1,2701
11	300	3000	1420	742	1,2701
11	500	400	302	158	1,2714
11	500	500	377	197	1,2714
11	500	600	452	236	1,2714
11	500	700	528	276	1,2714
11	500	800	603	315	1,2714
11	500	900	679	354	1,2714
11	500	1000	754	394	1,2714
11	500	1100	829	433	1,2714
11	500	1200	905	473	1,2714
11	500	1300	980	512	1,2714
11	500	1400	1056	551	1,2714
11	500	1500	1131	591	1,2714
11	500	1600	1206	630	1,2714
11	500	1700	1282	670	1,2714
11	500	1800	1357	709	1,2714
11	500	1900	1433	748	1,2714
11	500	2000	1508	788	1,2714
11	500	2100	1583	827	1,2714

<i>Type</i>	Height (mm)	Length (mm)	Φ_{50} (W)	Φ_{30} (W)	<i>n</i>
11	500	2200	1659	866	1,2714
11	500	2300	1734	906	1,2714
11	500	2400	1810	945	1,2714
11	500	2500	1885	985	1,2714
11	500	2600	1960	1024	1,2714
11	500	2700	2036	1063	1,2714
11	500	2800	2111	1103	1,2714
11	500	2900	2187	1142	1,2714
11	500	3000	2262	1181	1,2714
11	600	400	353	183	1,2915
11	600	500	442	228	1,2915
11	600	600	530	274	1,2915
11	600	700	618	320	1,2915
11	600	800	707	365	1,2915
11	600	900	795	411	1,2915
11	600	1000	883	457	1,2915
11	600	1100	972	502	1,2915
11	600	1200	1060	548	1,2915
11	600	1300	1148	594	1,2915
11	600	1400	1237	639	1,2915
11	600	1500	1325	685	1,2915
11	600	1600	1413	731	1,2915
11	600	1700	1501	776	1,2915
11	600	1800	1590	822	1,2915
11	600	1900	1678	868	1,2915
11	600	2000	1766	913	1,2915
11	600	2100	1855	959	1,2915
11	600	2200	1943	1005	1,2915
11	600	2300	2031	1050	1,2915
11	600	2400	2120	1096	1,2915
11	600	2500	2208	1142	1,2915
11	600	2600	2296	1187	1,2915
11	600	2700	2385	1233	1,2915
11	600	2800	2473	1279	1,2915
11	600	2900	2561	1324	1,2915
11	600	3000	2650	1370	1,2915

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. Signed for and on behalf of the manufacturer by:

October 01, 2020

A handwritten signature in blue ink, consisting of several fluid, overlapping strokes that form a stylized, elongated shape.

Director of operations
Hmarenko Aleksandr