

DECLARATION OF PERFORMANCE

No E/DWU/AR/03/2017

1. Unique identification code of product type: **Arrow**
2. Intended use or uses: **tube radiator for use in closed heating systems inside buildings**
3. Manufacturer: **Enix Sp. z o.o. Kraków ul. Domagały 1, 31-841 Polska. www.enix.pl**
4. System of evaluation and verification of constancy of performance: **System 3**
5. Harmonised standard: **EN 442-1:2014**
6. Notified body: : **Instytut Energetyki Radom Polska N.B. 1452**
7. Declared performance:

Reaction-to-fire	A1
Harmful substance release	None
Leakproofness under pressure	No leaks at pressure equal to 1.3 of max. operating pressure [kPa]
Surface temperature	120 °C
Pressure resistance	No cracks at pressure equal to 1.69 of max. operating pressure [kPa] Max. operating pressure 800 kPa
Nominal heat output	In accordance with appendix to this declaration For $\Phi 50$ and $\Phi 30$
Heat output in various operating conditions (heat characteristics)	In accordance with appendix to this declaration for $\Phi = K_m * \Delta T^n$
Durability in terms of:	
Corrosion resistance	No corrosion after 100 h of moisture exposure
Resistance to weak impacts	class 0

Performance of the product specified above is in conformity with the set of declared performance characteristics. This declaration of performance is issued in accordance with the regulation (EC) no 305/2011 at the sole responsibility of the manufacturer specified above.

Signed on behalf of the manufacturer by:

Grzegorz Trzos

In Kraków

On this day 2017-10-26



Appendix to Declaration of Performance no E/DWU/AR/03/2017

model	width x height (mm)		Heat output (W)		Exponent	coefficient
			75/65/20C ϕ 50	55/45/20C ϕ 30	n	K_m
Arrow	500	817	386	210	1,1912	3,6540
	500	1237	600	324	1,2081	5,3165
	500	1741	844	451	1,2250	7,0001
	600	817	450	245	1,1930	4,2300
	600	1228	701	378	1,2092	6,1896
	600	1237	701	378	1,2092	6,1848
	600	1741	987	528	1,2254	8,1733
	750	817	546	296	1,1954	5,0844
	750	1237	856	461	1,2099	7,5316
	750	1741	1203	644	1,2244	10,0011

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