

**DECLARATION OF PERFORMANCE**Nr. **262**

UK

Cool

This document is issued under the provisions of Construction Products Regulations (Regulation as brought into UK law and amended).

1. Unique identification code of the product-type:

Cool

Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Model	Distances between centres (mm)	Height (mm)	Model	Distances between centres (mm)	Height (mm)
Cool	860/400	400	Cool	1490/400	400
	860/450	450		1490/450	450
	860/500	500		1490/500	500
	860/550	550		1490/550	550
	860/600	600		1490/600	600
	1160/400	400		1740/400	400
	1160/450	450		1740/450	450
	1160/500	500		1740/500	500
	1160/550	550		1740/550	550
	1160/600	600		1740/600	600

Brandname: **Fondital**

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Metallic radiators and convectors installed in a permanent manner in construction works, fed with water or steam at temperatures below 120 °C, supplied by a remote heat source.

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11:

Fondital Spa
Via Cerreto, 40
25079 Carpeneda di Vobarno BS
Italy

4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12: -----

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 3**

6. Type tests pursuant to EN 442 standard (**System 3**) carried out by:

Politecnico di Milano, Laboratorio M.R.T., Notified Body n° 1695

7. Declared performance

Characteristic		Performance								Harmonized technical specification
Reaction to fire		A1								BS EN 442-1 :2014
Release of dangerous substances		None								
Pressure tightness		Pass (2400 kPa)								
Surface temperature		120 °C maximum, corresponding to water flow temperature								
Resistance to pressure		Pass (3200 kPa) Maximum operating pressure: 1600 kPa								
Rated thermal outputs W		Model								
		860/400	860/450	860/500	860/550	860/600	1160/400	1160/450	1160/500	
	φ 30	187	196	211	226	241	248	265	288	
	φ 50	348	370	399	428	457	458	502	544	
Thermal output in different operating conditions (characteristic curve)		$\phi = Km \times \Delta T^n$								
	Km	3,01162	2,8430	3,0374	3,2277	3,4143	4,1431	3,8033	4,1156	
	n	1,21434	1,2443	1,2468	1,2492	1,2517	1,2029	1,2479	1,2487	
Rated thermal outputs W		Model								
		1160/550	1160/600	1490/400	1490/450	1490/500	1490/550	1490/600	1740/400	
	φ 30	310	333	319	347	378	410	441	381	
	φ 50	587	630	590	658	717	776	835	710	
Thermal output in different operating conditions (characteristic curve)		$\phi = Km \times \Delta T^n$								
	Km	4,4259	4,7339	5,29849	4,9057	5,3720	5,8423	6,3166	6,04768	
	n	1,2495	1,2502	1,20453	1,2520	1,2509	1,2497	1,2486	1,21822	
Rated thermal outputs W		Model								
		1740/450	1740/500	1740/550	1740/600	----	----	----	----	
	φ 30	413	451	489	527	----	----	----	----	
	φ 50	778	850	922	994	----	----	----	----	
Thermal output in different operating conditions (characteristic curve)		$\phi = Km \times \Delta T^n$								
	Km	6,0741	6,6300	7,1851	7,7391	----	----	----	----	
	n	1,2406	1,2408	1,2410	1,2412	----	----	----	----	
Durability:										
Resistance against corrosion	No corrosion after 200 h humidity									
Paint resistance	Class 0									

8. The performance of the product identified in point 1 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Fondital S.p.A.

Dr. Valeria Niboli
Legal Representative

Nr. Revisione 00	Carpineda di Vobarno, 26/09/22	
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