

Cool

Il presente documento è rilasciato ai sensi del Regolamento (UE) N. 305/2011 del Parlamento Europeo e del Consiglio del 9 marzo 2011.

1. Codice di identificazione unico del prodotto-tipo: **Cool**

Identificazione del prodotto ai sensi dell'articolo 11, paragrafo 4 del Regolamento UE n:305/2011:

| Modello | | Interasse (mm) | Altezza (mm) | Modello | | Interasse (mm) | Altezza (mm) |
|-------------|----------|----------------|--------------|-------------|----------|----------------|--------------|
| Cool | 860/400 | 400 | 858 | Cool | 1490/400 | 400 | 1488 |
| | 860/450 | 450 | 858 | | 1490/450 | 450 | 1488 |
| | 860/500 | 500 | 858 | | 1490/500 | 500 | 1488 |
| | 860/550 | 550 | 858 | | 1490/550 | 550 | 1488 |
| | 860/600 | 600 | 858 | | 1490/600 | 600 | 1488 |
| | 1160/400 | 400 | 1152 | | 1740/400 | 400 | 1740 |
| | 1160/450 | 450 | 1152 | | 1740/450 | 450 | 1740 |
| | 1160/500 | 500 | 1152 | | 1740/500 | 500 | 1740 |
| | 1160/550 | 550 | 1152 | | 1740/550 | 550 | 1740 |
| | 1160/600 | 600 | 1152 | | 1740/600 | 600 | 1740 |

Marca commerciale: **Nova Florida**

2. Uso o usi previsti del prodotto da costruzione, conformemente alla relativa specifica tecnica armonizzata, come previsto dal fabbricante:

Radiatori metallici a installazione fissa per costruzioni, alimentati con acqua o vapore a temperatura inferiore a 120°C, alimentati da sorgente di calore esterna.

3. Nome, denominazione commerciale registrata o marchio registrato e indirizzo del fabbricante ai sensi dell'articolo 11, paragrafo 5:

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

4. Mandatario: -----

5. Sistema di valutazione e verifica della costanza della prestazione del prodotto da costruzione di cui all'allegato V del Regolamento UE n:305/2011:

Sistema 3

6. Prove di tipo in conformità alla norma EN 442 secondo il **sistema 3** effettuate da:
Politecnico di Milano, Laboratorio M.R.T., Notified Body n°1695


7. Prestazione dichiarata

| Caratteristiche essenziali | | Prestazione | | | | | | | | Specifica tecnica armonizzata |
|--|------|--|----------|----------|----------|----------|----------|----------|----------|-------------------------------|
| Reazione al fuoco | | A1 | | | | | | | | EN 442-1:2014 |
| Rilascio di sostanze pericolose | | No | | | | | | | | |
| Prova in pressione | | Superata (2400 kPa) | | | | | | | | |
| Temperatura superficiale | | 120 °C Massimi e corrispondenti alla temperatura di mandata dell'acqua | | | | | | | | |
| Resistenza a pressione | | Nessuna rottura a 3200 kPa Pressione massima di esercizio: 1600 kPa | | | | | | | | |
| Potenza termica nominale in W | | Modello | | | | | | | | |
| | | 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 | |
| Potenza termica in diverse condizioni (curva caratteristica) | | $\phi = K_m \times \Delta T^n$ | | | | | | | | |
| | 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 | |
| Potenza termica nominale in W | | Modello | | | | | | | | |
| | | 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 | |
| Potenza termica in diverse condizioni (curva caratteristica) | | $\phi = K_m \times \Delta T^n$ | | | | | | | | |
| | 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 | |
| Potenza termica nominale in W | | Modello | | | | | | | | |
| | | 1740/450 | 1740/500 | 1740/550 | 1740/600 | ---- | ---- | ---- | ---- | |
| | φ 30 | 413 | 451 | 489 | 527 | ---- | ---- | ---- | ---- | |
| | φ 50 | 778 | 850 | 922 | 994 | ---- | ---- | ---- | ---- | |
| Potenza termica in diverse condizioni (curva caratteristica) | | $\phi = K_m \times \Delta T^n$ | | | | | | | | |
| | Km | 6,0741 | 6,6300 | 7,1851 | 7,7391 | ---- | ---- | ---- | ---- | |
| | n | 1,2406 | 1,2408 | 1,2410 | 1,2412 | ---- | ---- | ---- | ---- | |
| Durabilità: | | | | | | | | | | |
| Resistenza contro la corrosione | | Nessuna corrosione dopo 200 h di camera umidostatica in nebbia salina. | | | | | | | | |
| Resistenza della verniciatura (prova di quadrettatura) | | Classe 0 | | | | | | | | |

8. La prestazione del prodotto di cui al punto 1 è conforme alla prestazione dichiarata di cui al punto 7.

Si rilascia la presente dichiarazione di prestazione sotto la responsabilità esclusiva del fabbricante di cui al punto 3.

Firmato a nome e per conto di:
Fondital Spa
Ing. Cavallini Roberto
Responsabile Ufficio Tecnico

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| Nr. Revisione 01 | Carpeneda di Vobarno, 16/11/16 |  |
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Cool

This document is issued under the provisions of Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011.

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 | 858 | Cool | 1490/400 | 400 | 1488 |
| | 860/450 | 450 | 858 | | 1490/450 | 450 | 1488 |
| | 860/500 | 500 | 858 | | 1490/500 | 500 | 1488 |
| | 860/550 | 550 | 858 | | 1490/550 | 550 | 1488 |
| | 860/600 | 600 | 858 | | 1490/600 | 600 | 1488 |
| | 1160/400 | 400 | 1152 | | 1740/400 | 400 | 1740 |
| | 1160/450 | 450 | 1152 | | 1740/450 | 450 | 1740 |
| | 1160/500 | 500 | 1152 | | 1740/500 | 500 | 1740 |
| | 1160/550 | 550 | 1152 | | 1740/550 | 550 | 1740 |
| | 1160/600 | 600 | 1152 | | 1740/600 | 600 | 1740 |

Brandname: **Nova Florida**

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 | | | | | | | | 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) | | $\phi = K_m \times \Delta T^n$ | | | | | | | | |
| | 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) | | $\phi = K_m \times \Delta T^n$ | | | | | | | | |
| | 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) | | $\phi = K_m \times \Delta T^n$ | | | | | | | | |
| | 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.

Ing. Cavallini Roberto
Technical Department Manager

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| Nr. Revisione 01 | Carpeneda di Vobarno, 16/11/16 |  |
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Cool

Ce document est établi conformément aux dispositions du Règlement (UE) n° 305/2011 du Parlement européen et du Conseil du 9 mars 2011.

1. Code d'identification unique du produit type: **Cool**

Identification du produit, conformément à l'article 11, paragraphe 4, du Règlement UE n°305/2011:

| Modèle | | Entraxe (mm) | Hauteur (mm) | Modèle | | Entraxe (mm) | Hauteur (mm) |
|-------------|----------|--------------|--------------|-------------|----------|--------------|--------------|
| Cool | 860/400 | 400 | 858 | Cool | 1490/400 | 400 | 1488 |
| | 860/450 | 450 | 858 | | 1490/450 | 450 | 1488 |
| | 860/500 | 500 | 858 | | 1490/500 | 500 | 1488 |
| | 860/550 | 550 | 858 | | 1490/550 | 550 | 1488 |
| | 860/600 | 600 | 858 | | 1490/600 | 600 | 1488 |
| | 1160/400 | 400 | 1152 | | 1740/400 | 400 | 1740 |
| | 1160/450 | 450 | 1152 | | 1740/450 | 450 | 1740 |
| | 1160/500 | 500 | 1152 | | 1740/500 | 500 | 1740 |
| | 1160/550 | 550 | 1152 | | 1740/550 | 550 | 1740 |
| | 1160/600 | 600 | 1152 | | 1740/600 | 600 | 1740 |

Marque Commerciale: **Nova Florida**

2. Usage ou usages prévus du produit de construction, conformément à la spécification technique harmonisée applicable, comme prévu par le fabricant:

Radiateurs métalliques à installation fixe pour constructions, alimentés avec de l'eau ou de la vapeur à une température inférieure à 120°; alimentés par un e sources de chaleur externe.

3. Nom, raison sociale ou marque déposée et adresse de contact du fabricant, conformément à l'article 11, paragraphe 5:

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

4. Mandataire: -----

5. Le ou les systèmes d'évaluation et de vérification de la constance des performances du produit de construction, conformément à l'annexe V du Règlement UE n°305/2011:

Systeme 3

6. Essais de type conformément à la norme EN442 selon le **systeme 3** effectuées par **CETIAT, Notified Body n°1623**

7. Performances déclarées:


| Caractéristiques essentielles | | Performances | | | | | | | | Specifications techniques harmonisées |
|--|-------------|---|----------|----------|----------|----------|----------|----------|----------|---------------------------------------|
| Réaction au feu | | A1 | | | | | | | | EN 442-1:2014 |
| Dégagement de substances dangereuses | | Non | | | | | | | | |
| Essai sous pression | | Réussi (2400 kPa) | | | | | | | | |
| Température de surface | | 120° maximum et correspondant à la température de refoulement de l'eau | | | | | | | | |
| Résistance à la pression | | Réussi a 3200 kPa Pression maximale de service:1600 kPa | | | | | | | | |
| Puissance thermique nominale en W | | Modèle | | | | | | | | |
| | | 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 | |
| Puissance thermique dans différentes conditions (courbe caractéristique) | | $\phi = Km \times \Delta T^n$ | | | | | | | | |
| | 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 | |
| Puissance thermique nominale en W | | Modèle | | | | | | | | |
| | | 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 | |
| Puissance thermique dans différentes conditions (courbe caractéristique) | | $\phi = Km \times \Delta T^n$ | | | | | | | | |
| | 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 | |
| Puissance thermique nominale en W | | Modèle | | | | | | | | |
| | | 1740/450 | 1740/500 | 1740/550 | 1740/600 | ---- | ---- | ---- | ---- | |
| | ϕ_{30} | 413 | 451 | 489 | 527 | ---- | ---- | ---- | ---- | |
| | ϕ_{50} | 778 | 850 | 922 | 994 | ---- | ---- | ---- | ---- | |
| Puissance thermique dans différentes conditions (courbe caractéristique) | | $\phi = Km \times \Delta T^n$ | | | | | | | | |
| | Km | 6,0741 | 6,6300 | 7,1851 | 7,7391 | ---- | ---- | ---- | ---- | |
| | n | 1,2406 | 1,2408 | 1,2410 | 1,2412 | ---- | ---- | ---- | ---- | |
| Durée de vie | | | | | | | | | | |
| Résistance à la corrosion | | Aucune corrosion après 200 heures de test dans une chambre humidostatique au brouillard salin | | | | | | | | |
| Résistance de la peinture (essai de résistance à des incisions croisées) | | Classe 0 | | | | | | | | |

8. Les performances du produit identifié au point 1 sont conformes aux performances déclarées au point 7.

La présente déclaration des performances est délivrée sous la seule responsabilité du fabricant identifié au point 3.

Signé pour le fabricant et en son nom par:

Fondital S.p.a.
Ing. Cavallini Roberto
Directeur technique

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| Nr. Revisione 01 | Carpeneda di Vobarno, 16/11/16 |  |
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Cool

Niniejszy dokument został wydany zgodnie z rozporządzeniem Parlamentu Europejskiego i Rady (UE) nr 305/2011 z dnia 9 marca 2011 r.

1. Niepowtarzalny kod identyfikacyjny typu wyrobu: **Cool**

Identyfikacja produktu zgodnie z art. 11 ust. 4 rozporządzenia UE nr 305/2011:

| Model | | Rozstawy osi (mm) | Wysokość (mm) | Model | | Rozstawy osi (mm) | Wysokość (mm) |
|-------------|----------|-------------------|---------------|-------------|----------|-------------------|---------------|
| Cool | 860/400 | 400 | 858 | Cool | 1490/400 | 400 | 1488 |
| | 860/450 | 450 | 858 | | 1490/450 | 450 | 1488 |
| | 860/500 | 500 | 858 | | 1490/500 | 500 | 1488 |
| | 860/550 | 550 | 858 | | 1490/550 | 550 | 1488 |
| | 860/600 | 600 | 858 | | 1490/600 | 600 | 1488 |
| | 1160/400 | 400 | 1152 | | 1740/400 | 400 | 1740 |
| | 1160/450 | 450 | 1152 | | 1740/450 | 450 | 1740 |
| | 1160/500 | 500 | 1152 | | 1740/500 | 500 | 1740 |
| | 1160/550 | 550 | 1152 | | 1740/550 | 550 | 1740 |
| | 1160/600 | 600 | 1152 | | 1740/600 | 600 | 1740 |

Marka handlowa: **Nova Florida**

2. Zamierzone zastosowanie lub zastosowania:

Grzejniki aluminiowe do montażu stałego w budynkach, zasilane wodą lub parą o temperaturze maksymalnej 120°C, z zewnętrznego źródła ciepła.

3. Nazwa, zarejestrowana nazwa handlowa lub zarejestrowany znak towarowy oraz adres producenta, wymagane zgodnie z art. 11 ust. 5:

**Fondital Spa
Via Cerreto, 40
25079 Carpeneda di Vobarno BS
Italia**

4. Upoważniony przedstawiciel: -----

5. System lub systemy oceny i weryfikacji stałości właściwości użytkowych wyrobu budowlanego określone w załączniku V do rozporządzenia UE nr 305/2011:

System 3

6. Badania typu zgodnie z normą EN 442 wg **systemu 3** wykonane przez:

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

7. Deklarowane właściwości użytkowe


| Zasadnicze charakterystyki | Właściwości użytkowe | | | | | | | | | Zharmonizowana specyfikacja techniczna |
|--|---|---|----------|----------|----------|----------|----------|----------|----------|--|
| Reakcja na ogień | A1 | | | | | | | | | EN 442-1:2014 |
| Uwalnianie substancji niebezpiecznych | Nie ma | | | | | | | | | |
| Szczelność pod działaniem ciśnienia | Wynik pozytywny (2400 kPa) | | | | | | | | | |
| Temperatura powierzchni | Maksymalnie 120°C | | | | | | | | | |
| Odporność na działanie ciśnienia | Wynik pozytywny (3200kPa) Maksymalne ciśnienie robocze: 1600 kPa | | | | | | | | | |
| Nominalna moc cieplna w 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 | |
| Moc cieplna w różnych warunkach (krzywa charakterystyki) | $\phi = Km \times \Delta T^n$ | | | | | | | | | |
| | Km | 3,0116 2 | 2,8430 | 3,0374 | 3,2277 | 3,4143 | 4,1431 | 3,8033 | 4,1156 | |
| | n | 1,2143 4 | 1,2443 | 1,2468 | 1,2492 | 1,2517 | 1,2029 | 1,2479 | 1,2487 | |
| Nominalna moc cieplna w 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 | |
| Moc cieplna w różnych warunkach (krzywa charakterystyki) | $\phi = Km \times \Delta T^n$ | | | | | | | | | |
| | 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 | |
| Nominalna moc cieplna w W | Model | | | | | | | | | |
| | | 1740/450 | 1740/500 | 1740/550 | 1740/600 | ---- | ---- | ---- | ---- | |
| | Φ 30 | 413 | 451 | 489 | 527 | ---- | ---- | ---- | ---- | |
| | Φ 50 | 778 | 850 | 922 | 994 | ---- | ---- | ---- | ---- | |
| Moc cieplna w różnych warunkach (krzywa charakterystyki) | $\phi = Km \times \Delta T^n$ | | | | | | | | | |
| | Km | 6,0741 | 6,6300 | 7,1851 | 7,7391 | ---- | ---- | ---- | ---- | |
| | n | 1,2406 | 1,2408 | 1,2410 | 1,2412 | ---- | ---- | ---- | ---- | |
| Trwałość jako: | | | | | | | | | | |
| Odporność na korozję | | Brak korozji po 200 godzinach w wilgoci | | | | | | | | |
| Odporność na słabe uderzenia | | Klasa 0 | | | | | | | | |

8. Właściwości użytkowe produktu wskazanego w punktach 1 są zgodne z właściwościami użytkowymi określonymi w punkcie 7.

Niniejsza deklaracja właściwości użytkowych została wydana na wyłączną odpowiedzialność producenta, wskazanego w punkcie 3.

Podpisano w imieniu:

Fondital Spa
inż. Cavallini Roberto
Kierownik Działu Technicznego

| | | |
|------------------|--------------------------------|---|
| Nr. Revisione 01 | Carpeneda di Vobarno, 16/11/16 |  |
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Cool

Prezentul document este eliberat în temeiul Regulamentului (UE) Nr. 305/2011 al Parlamentului European și al Consiliului din 9 martie 2011.

1. Cod unic de identificare a produsului-tip: **Cool**

Identificarea produsului în temeiul articolului 11, paragraful 4 din Regulamentul UE nr. 305/2011:

| Model | | Distanță între axe (mm) | Inălțime (mm) | Model | | Distanță între axe (mm) | Inălțime (mm) |
|-------------|----------|-------------------------|---------------|-------------|----------|-------------------------|---------------|
| Cool | 860/400 | 400 | 858 | Cool | 1490/400 | 400 | 1488 |
| | 860/450 | 450 | 858 | | 1490/450 | 450 | 1488 |
| | 860/500 | 500 | 858 | | 1490/500 | 500 | 1488 |
| | 860/550 | 550 | 858 | | 1490/550 | 550 | 1488 |
| | 860/600 | 600 | 858 | | 1490/600 | 600 | 1488 |
| | 1160/400 | 400 | 1152 | | 1740/400 | 400 | 1740 |
| | 1160/450 | 450 | 1152 | | 1740/450 | 450 | 1740 |
| | 1160/500 | 500 | 1152 | | 1740/500 | 500 | 1740 |
| | 1160/550 | 550 | 1152 | | 1740/550 | 550 | 1740 |
| | 1160/600 | 600 | 1152 | | 1740/600 | 600 | 1740 |

Marcă comercială: **Nova Florida**

2. Utilizare sau utilizări prevăzute ale produsului de construcție, în conformitate cu specificațiile tehnice aferente armonizate prevăzute de producător:

Radiatoare metalice cu instalare fixă pentru construcții, alimentate cu apă sau abur (vapori) la o temperatură sub 120°C, alimentate de o sursă de căldură externă.

3. Nume, denumire comercială înregistrată sau marcă înregistrată și adresa producătorului, în temeiul articolului 11 paragraf 5:

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

4. Mandatar: -----

5. Sistem de evaluare și verificare a constanței performanței produsului de construcție în baza anexei V a Regulamentului UE nr.:305/2011:

Sistem 3

6. Testări de tip în conformitate cu norma EN 442 conform **sistemului 3** efectuate de:

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

7. Performanță declarată

| Caracteristici esențiale | | Performanță | | | | | | | | Specificație tehnică armonizată |
|---|-----------------|---|----------|----------|----------|----------|----------|----------|----------|---------------------------------|
| Reacție la foc | | A1 | | | | | | | | EN 442-1:2014 |
| Eliberare de substanțe periculoase | | Nu | | | | | | | | |
| Testare sub presiune | | Trecută (2400 kPa) | | | | | | | | |
| Temperatură de suprafață | | 120 °C Maxim și corespunde temperaturii apei de tur | | | | | | | | |
| Rezistență la presiune | | Trecută (3200 kPa) Presiune maximă de exercițiu: 1600 kPa | | | | | | | | |
| Putere termică nominală în [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 | |
| Putere termică în diverse condiții (curbă caracteristică) | | $\phi = Km \times \Delta T^n$ | | | | | | | | |
| | 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 | |
| Putere termică nominală în [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 | |
| Putere termică în diverse condiții (curbă caracteristică) | | $\phi = Km \times \Delta T^n$ | | | | | | | | |
| | 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 | |
| Putere termică nominală în [W] | | Model | | | | | | | | |
| | | 1740/450 | 1740/500 | 1740/550 | 1740/600 | ---- | ---- | ---- | ---- | |
| | φ ₃₀ | 413 | 451 | 489 | 527 | ---- | ---- | ---- | ---- | |
| | φ ₅₀ | 778 | 850 | 922 | 994 | ---- | ---- | ---- | ---- | |
| Putere termică în diverse condiții (curbă caracteristică) | | $\phi = Km \times \Delta T^n$ | | | | | | | | |
| | Km | 6,0741 | 6,6300 | 7,1851 | 7,7391 | ---- | ---- | ---- | ---- | |
| | n | 1,2406 | 1,2408 | 1,2410 | 1,2412 | ---- | ---- | ---- | ---- | |
| Durabilitate: | | | | | | | | | | |
| Rezistența la coroziune | | Lipsa de coroziune după 200 h de testare în camera climatică în prezența de săruri. | | | | | | | | |
| Rezistența vopselei (Proba de zgariere la vopsea) | | Clasa 0 | | | | | | | | |


8. Performanța produsului menționată la punctul 1 este conformă cu performanța declarată de la punctul 7.

Se eliberează prezenta declarație de performanță pe răspunderea exclusivă a producătorului menționat la punctul 3.

Semnată în numele și din partea:

Fondital Spa

Ing. Cavallini Roberto
Responsabil Birou Tehnic

| | | |
|------------------|--------------------------------|---|
| Nr. Revisione 01 | Carpeneda di Vobarno, 16/11/16 |  |
|------------------|--------------------------------|---|

Cool

Ezen dokumentum az Európai Parlament és Tanács 305/2011/EU jelű 2011.március 9-i rendelet előírásai szerint került összeállításra.

1. A terméktípus egyedi azonosító kódja: **Cool**

Típus-, tétel- vagy sorozatszám vagy egyéb ilyen elem, amely lehetővé teszi az építési termék azonosítását a 305/2011/EU rendelet 11. cikk, 4. paragrafus alapján:

| Modell | | Kötéstáv (mm) | Magasság (mm) | Modell | | Kötéstáv (mm) | Magasság (mm) |
|-------------|----------|---------------|---------------|-------------|----------|---------------|---------------|
| Cool | 860/400 | 400 | 858 | Cool | 1490/400 | 400 | 1488 |
| | 860/450 | 450 | 858 | | 1490/450 | 450 | 1488 |
| | 860/500 | 500 | 858 | | 1490/500 | 500 | 1488 |
| | 860/550 | 550 | 858 | | 1490/550 | 550 | 1488 |
| | 860/600 | 600 | 858 | | 1490/600 | 600 | 1488 |
| | 1160/400 | 400 | 1152 | | 1740/400 | 400 | 1740 |
| | 1160/450 | 450 | 1152 | | 1740/450 | 450 | 1740 |
| | 1160/500 | 500 | 1152 | | 1740/500 | 500 | 1740 |
| | 1160/550 | 550 | 1152 | | 1740/550 | 550 | 1740 |
| | 1160/600 | 600 | 1152 | | 1740/600 | 600 | 1740 |

Gyártmány /kereskedelmi név: **Nova Florida**

2. Az építési terméknek a gyártó által meghatározott rendeltetése vagy rendeltetési az alkalmazandó harmonizált műszaki előírással összhangban:

Fémből készült, tartós beépítésre szánt radiátorok külső hőforrásból származó 120°C alatti víz vagy gőz fűtőközeggel történő helyiségűtésre.

3. A gyártók neve, bejegyzett kereskedelmi neve, illetve bejegyzett védjegye, valamint értesítési címe a 11. cikk szerint:

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

4. Adott esetben annak a meghatalmazott képviselőnek a neve és értesítési címe, akinek a megbízása körébe a 12. cikkében meghatározott feladatok tartoznak:

5. Az építési termékek teljesítménye állandóságának értékelésére és ellenőrzésére szolgáló, az 305/2011/EU rendelet V. mellékletben szereplő rendszer vagy rendszerek:

3 rendszer alapján

6. A terméktípusok tanúsítása az EN 442 szabvány szerint történt (**3. rendszer**) az alábbi intézet által:
Politecnico di Milano, Laboratorio M.R.T., Notified Body n°1695

7. Nyilatkozat szerinti teljesítmény

| Alapvető tulajdonságok | | Teljesítmény | | | | | | | | Harmonizált műszaki szabványok |
|--|-------------|--|----------|----------|----------|----------|----------|----------|----------|--------------------------------------|
| Tűzállóság | | A1 | | | | | | | | EN 442-1:2014 |
| Veszélyes anyag kibocsátás | | Nincs | | | | | | | | |
| Nyomáspróba | | Megfelel (2400 kPa) | | | | | | | | |
| Felületi hőmérséklet | | 120 °C maximum, az el őremenő hőmérséklet-korlátnak megfelelően | | | | | | | | |
| Nyomásállóság | | Megfelel (3200 kPa) Maximális üzemi nyomás: 1600 kPa | | | | | | | | |
| Névleges hőleadás Wattban | | Modell | | | | | | | | |
| | | 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 | |
| Hőleadás egyéb esetekben (jelleggörbe) | | $\phi = Km \times \Delta T^n$ | | | | | | | | |
| | 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 | |
| Névleges hőleadás Wattban | | Modell | | | | | | | | |
| | | 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 | |
| Hőleadás egyéb esetekben (jelleggörbe) | | $\phi = Km \times \Delta T^n$ | | | | | | | | |
| | 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 | |
| Névleges hőleadás Wattban | | Modell | | | | | | | | |
| | | 1740/450 | 1740/500 | 1740/550 | 1740/600 | ---- | ---- | ---- | ---- | |
| | ϕ_{30} | 413 | 451 | 489 | 527 | ---- | ---- | ---- | ---- | |
| | ϕ_{50} | 778 | 850 | 922 | 994 | ---- | ---- | ---- | ---- | |
| Hőleadás egyéb esetekben (jelleggörbe) | | $\phi = Km \times \Delta T^n$ | | | | | | | | |
| | Km | 6,0741 | 6,6300 | 7,1851 | 7,7391 | ---- | ---- | ---- | ---- | |
| | n | 1,2406 | 1,2408 | 1,2410 | 1,2412 | ---- | ---- | ---- | ---- | |
| Tartósság: | | | | | | | | | | |
| Korrózióval szembeni ellenállás | | Nem jelentkezik korrózió a sópárával telített zárt kamrában eltöltött 200 h után | | | | | | | | |
| Festés ellenállóképessége | | Class 0 | | | | | | | | |

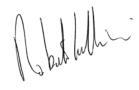
8. Az 1. pontban jelölt termékek megfelelnek a 7. pontban jelzett névleges műszaki tulajdonságoknak.

E teljesítménynyilatkozat kiadásáért kizárólag a 3. pontban meghatározott gyártó a felelős.

Aláírva a gyártó nevében és részéről:

Fondital S.p.A.

Ing. Cavallini Roberto
Technical Department Manager

| | | |
|------------------|--------------------------------|---|
| Nr. Revisione 01 | Carpeneda di Vobarno, 16/11/16 |  |
|------------------|--------------------------------|---|