

- 1 **Product Type:** Compact And Ventile Radiator Range
- 2 **Unique Identification Code(s):** Type 21 Double Panel Plus Convector
Heights 300mm, 400mm, 500mm, 600mm, 700mm, 900mm
- 3 **Intended use of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:** Construction Products: Radiators and convectors
Intended Use: Heat emitters for central heating systems to be supplied with hot water and steam below 120°C from a remote heat source (boiler or similar).
- 4 **Manufacturer:** QRL Radiator Group, Imperial Park, Newport, NP10 8FS
- 5 **Authorised Representative:** Mike Wright, Product Development Manager
- 6 **System of System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V of the CPR:** System 3
- 7 **Harmonised Standard:** EN 442
- 8 **Notified Body:** NB 0626, Test Report HLK B01.221.1540
- 9 **Declared Performance** See table below

Essential Characteristic	Performance	Harmonised Technical Specification
Reaction to fire	Class A1	EN 442
Release of dangerous substances	None	
Pressure tightness	10 bar maximum working pressure 13 bar leak pressure test 16.9 bar strength pressure test	
Surface temperature	Maximum 120°C	
Rated thermal output	Outputs per metre at ΔT50 300mm H 828W, 500mm H 1239W, 700mm H 1601W 400mm H 1041W, 600mm H 1425W, 900mm H 1924W Outputs per metre at ΔT30 300mm H 425W, 500mm H 628W, 700mm H 803W 400mm H 531W, 600mm H 719W, 900mm H 955W	
Thermal output in different operating conditions	300mm H $\phi = [(4.9906 \Delta T)^{1.1306}]^L$ 600mm H $\phi = [(7.5399 \Delta T)^{1.1306}]^L$ 400mm H $\phi = [(6.0078 \Delta T)^{1.1177}]^L$ 700mm H $\phi = [(8.1366 \Delta T)^{1.1306}]^L$ 500mm H $\phi = [(6.8467 \Delta T)^{1.1185}]^L$ 900mm H $\phi = [(9.0210 \Delta T)^{1.1306}]^L$	
Durability	No corrosion after 100 hr humidity Minor impact resistance to class 0-2 table 1 of ISO2409	

- 10 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Name and function: Mike Wright , Product Development Manager

Place and date of issue: 10/05/2016 , Newport

Signature:

