

Comfort-One Heating Wire 120V/12W

Essential

- Auxiliary heating or primary heating
- Compatible with most floor coverings
- Perfect for dry or wet environments
- Energy-efficient alternative



Advantages

- Up to 28% energy savings*
- Free of electromagnetic fields**
- Reduction of dust and allergy risks
- Does not dry out the air / ideal humidity rate
- No exposed elements / more layout possibilities
- No maintenance

Features

- Easy to install
- Template available for each spacing mode
- Single connection point (no return to the thermostat)
- Combination of unequalled safety features
 - Oxygen-free copper heating element
 - Leakproof ETFE (ethylene tetrafluoroethylene) insulation
 - High-density polyethylene envelope
 - Protected and grounded from end to end
- UL certified in North America
- CSA approved (Canada and United States)

* In the room with the Comfort-One heated floor system.

** According to the installation method stipulated in our Installation Guide, the recorded EMF measurement is considered insignificant (between 0.25 mG and 0.5 mG).

Technical Specification

Floors	
Standard voltages:	120 and 240 V
Power :	Spacing of 6.35 cm (2.5 in.) – 1.40 W/ft ² Spacing of 7.6 cm (3 in.) – 12 W/ft ² Spacing of 8.89 cm (3.5 in.) – 10.29 W/ft ² Spacing of 10.16 cm (4 in.) – 9 W/ft ²
Thermostat connection :	Single connection point (no return to the thermostat)
Non-heating cable :	3 m (10 ft): 2 conductors and grounds
Minimum bend radius:	2.54 cm (1 in.)
Maximum exposure temperature:	(continuous and storage) 90°C (194°F)
Maximum installation temperature:	10 °C (50 °F)
Maximum reheater current :	11 A
Maximum circuit load :	16 A
Maximum circuit protection :	20 A circuit-breaker
Homologations :	ULC certified in North America CSA Canada: auxiliary or primary heating. Approved for showers, dry and wet environments.
Warranty:	25 years

Electrical Specifications

Installation surface	Floor covering							
HEATING CABLE Suggested spacing								
	Ceramic	Natural Stone	Engineered Wood*	vinyl*	Floating Floor*	linoleum*	Parquet*	Carpeting
Plywood	3	3	3,5	3,5	3,5	3,5	3,5	3,5
Smooth concrete	3	3	3,5	3,5	3,5	3,5	3,5	3,5
Concrete panels	3	3	3,5	3,5	3,5	3,5	3,5	3,5
Ceramic	3	3	3,5	3,5	3,5	3,5	3,5	3,5
Acoustic membrane	3	3	3,5	-	3,5	-	3,5	3,5
Anti-fracture membrane	3	3	3,5	-	3,5	-	3,5	3,5
Mortar bed	3	3	3,5	3,5	3,5	3,5	3,5	3,5
Scratch coat (preglazed mesh)	3	3	3,5	3,5	3,5	3,5	3,5	3,5
Sunroom / Solarium	2,5	2,5	3,5	3,5	3,5	3,5	3,5	2,5

*(preglazed mesh subfloor)

***(without rubber backing or underpad)