

COMFORT AND SPACE HEATING

SERGE BARIL

Underfloor heating is quickly becoming one of the most popular forms of indoor heating in the world. Through the use of underfloor heating, a new world of superior comfort and energy efficiency has been discovered.

SIMPLE SOLUTION:

Simply install the **6CCA-1BA (120V)** or **6CCA-2BA (240V)** heat tracing cable at 9" centers to obtain 12W/sq.ft. **The heater can be cut to the desired length on site**, thus avoiding any resistance calculations or specific orders and delays to obtain a predetermined heater length.

BY FAR - THE BEST SYSTEM

Very easy to install, the cable self-regulates and adjusts its heat output to the temperature variations of the room. It therefore heats most in cold areas such as exterior walls and under windows; while heating less in areas warmed by the sun.

The result: it is the only system that assures a true constant temperature in the room thus reducing energy consumption and providing for a uniform temperature and a high level of comfort in the room.

HEAT TRACING CABLES



Comfort and Space Heating

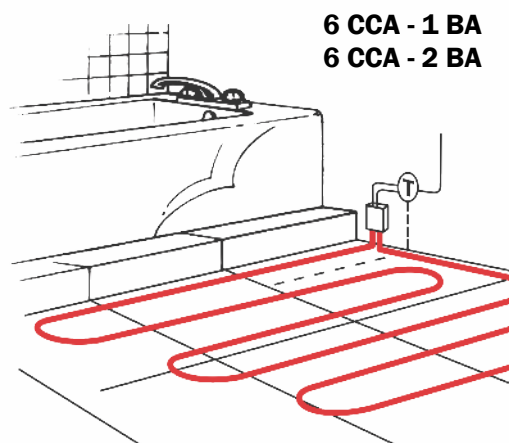


Installation

The heat trace cable can be installed using metal clip strips (CS-3), plastic clips (GRK-C) or tie raps at 9" centers. The space between the cables can be filled with a self-leveling cement, concrete or simply with tile mortar.

The thermostat bulb should be centered between two cables at a spot which is representative of the required room conditions.

MAXIMUM LENGTH VS BREAKER AMPS.		
VOLTAGE	BREAKER	6CCA
		MAX. (ft/m)
120V Max. segment length 6CCA-1BA = 100 ft (30,5 m)	15A	104*/31,7*
	20A	138*/42,2*
	30A	207*/63,1*
240V Max. segment length 6CCA-2BA = 293 ft (87,3 m)	15A	207/63,1
	20A	276/84,2
	30A	415*/126,5*



* These lengths exceed the maximum segment length and require more than one segment per breaker.

ACCESSORIES:

MSPS/GRK-E	Molded silicone power seal and heat shrink end seal
MSPS	Molded silicone power seal
GRK-E	Heat shrink end seal
GRK-C	Clips (25/box)

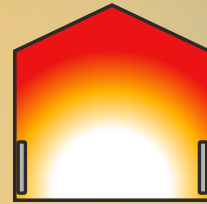
Caution: The use of a ground fault protection device (GFPD) is required at all times in conjunction with the installation of heat tracing cables

The many advantages of a heated floor

Comfort, obviously, but a reduction in cost of approximately 50% on your heating bill should be the most convincing reason.

Typical example:

In a room heated by radiators, heat rises along the exterior walls in a bell shape (see drawing). The temperature differential between the ceiling and the floor is too great and creates discomfort; the ceiling temperature is very high while the floor temperature is relatively cool. Even with a thermostat setting at 72°F (22°C), the problem is not solved.



RADIATORS

With a self regulated heated floor at 12W/sqft we reverse this situation by heating the interior of the bell and thus obtaining a very comfortable floor temperature in the 80°F range (26.7°C). This allows the room thermostat to be set as low as 65°F (18.3°C) while still providing higher comfort and a significant cost saving.



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Heating

Ten year extended warranty

Self regulating heater cable

SCOPE:

Serge Baril offers an extension of our regular 1 year warranty on all self-regulating heating cables for a period of up to 10 years from the date of manufacture.

This extended warranty includes all terms, conditions and limitations of the basic warranty with the following additions:

1. Heating Cable Extended Warranty Acceptance form has been signed and returned to Serge Baril for registration.
2. Heating cable failure is defined as having a 20% loss in power output.
3. Warranty is void if product is installed on or with materials containing plasticizers, such as commonly used in vinyl tapes or vinyl insulations.
4. The cables must have been installed according to the manufacturer's installation instructions by an approved installer.

PROCEDURE:

1. In the event of a claim, a "claim information sheet" must be completed and returned with all cable that has been removed.
2. Serge Baril will provide replacement cable at normal price levels for the initial replacement.
3. Upon examination of the returned cable and the determination that the cable is defective, Serge Baril will issue a credit for the defective cable.

GENERAL NOTE:

The above are general suggestions for applications of our cables and are not meant to replace the normal requirements of local, construction, electrical, or other codes. The installer must verify the conformity to all applicable codes or standards.

We are pleased to offer suggestions on the use of our various products, nevertheless, there are no warranties given except such expressed warranties offered in connection with the sale of a particular product. There are no implied warranties of merchantability or of fitness for a particular purpose given in connection with the sale of any goods. In no event shall Serge Baril be liable for consequential, incidental or special damages. The buyer's sole and exclusive remedy and the limit of Serge Baril's liability for any loss whatsoever shall not exceed the original purchase price paid to SBA for the product or products for which a claim is made.

AVAILABLE AT:

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HT-235-150130