



SYSTEM APPLICATION INFORMATION

SPACE HEATING

Floorizwarm products can provide total space heating. Like all other space-heating products, heat-loss calculations should be performed prior to selecting the appropriate Floorizwarm System. Heat-loss calculations define the amount of heat which must be delivered in order to heat the given space. Heatizon Systems Floorizwarm products are suitable for installation under most floor coverings.

FLOOR WARMING

Floorizwarm products can be used in conjunction with a primary heat source to provide warm floors or supplemental heat. Floor warming applications typically provide approximately 10 to 15 Watts per square foot. Heatizon Systems Floorizwarm products are suitable for installation under most floor coverings.

SYSTEM SIZING INFORMATION

The adjacent table indicates the Floorizwarm packages that are available. Each Floorizwarm package contains a pre-measured length of Floorizwarm Heating Element with attached Cold Lead, the appropriate sized Power Unit, and a Programmable Thermostat with Floor Sensor.

ELECTRICAL SERVICE REQUIREMENTS

The Floorizwarm Power Unit requires an input of 120 VAC.

INSULATION

Properly installed insulation is always recommended by Heatizon to enhance the efficiency and improve the performance of all Heatizon Systems products.

SYSTEM SIZING INFORMATION

Model Number	Area to be Heated	Cable length	Element Spacing	Watts Per Square Foot
FLZ1520AC	15 ft ² to 20 ft ²	50 feet	3.6" to 5.0"	14.7 to 11.03
FLZ2030AC	20 ft ² to 30ft ²	80 feet	2.5" to 3.5"	14.9 to 9.9
FLZ2536AC	25 ft ² to 36 ft ²	70 feet	3.8" to 5.5"	14.8 to 10.3
FLZ3650AC	36 ft ² to 50 ft ²	160 feet	2.7" to 3.5"	14.7 to 10.6
FLZ5064AC	50 ft ² to 64 ft ²	125 feet	4.8" to 6.1"	13.5 to 10.59
FLZ6475AC	64 ft ² to 75 ft ²	260 feet	2.8" to 3.3"	14.9 to 12.99
FLZ75110AC	75 ft ² to 110ft ²	225 feet	3.7" to 5.5"	14.8 to 10.5

Floorizwarm is configured and packaged in the seven different area sizes listed above. Floorizwarm comes complete with a pre-measured length of the appropriate gauge Floorizwarm Tuff Cable Heating Element, which is attached to the floor prior to the application of mortar. The Tuff Cable spacing is varied to fit a specific area within the intended range of sizes. One non-heating Cold Lead is spliced to each end of the Tuff Cable Heating Element at the factory. Each Cold Lead is run to the power unit by the installer. Cold Leads are connected to the appropriate Transformer wires using wire nut connectors.