



# Sunpak® Patio Heaters Model S34-TSR For Outdoor Use Only

Two Heat Level Settings: Low=25,000 BTU  
High=34,000 BTU

Each Sunpak® S34-TSR heater can learn up to three different wireless device codes and multiple heaters can be programmed to respond to a single remote control device, provided that all heaters are in range of the wireless signal.

While Sunpak® radiant heaters are designed to work in an outdoor environment, there are considerations to its effective use:

### Wind

Sunpak® heaters work best in a non-windy or wind protected environment. For example, a 5 mph steady breeze can produce a chill factor reducing the heating effectiveness by 50%. The amount of air flow across the patio is an important consideration in any patio design. Patio perimeter wind screens can make a difference in how well the Sunpak® heater works. However, any wind screens (man-made or natural hedges) should not be located within 2 feet of any heater, and should not prevent fresh air from entering or exiting the patio.

### Venting Considerations

Sunpak® heaters are unvented, meaning that the products of combustion vent directly from the heater into the surrounding space. The venting of combustion gas must be considered whenever heaters are used in a enclosed or semi-enclosed area.

### Heater Placement

The average area heated by one heater is 100 square feet or roughly a 10 ft. by 10 ft. area. The nominal mounting height is 9 feet. Appropriate clearances must be met above, below, and to the sides of the heater. Sunpak® heaters can be mounted horizontally straight downward, or up to a 30 degree angle.

When using multiple heaters, space them at least two feet apart from each other so that each heater has adequate combustion air.

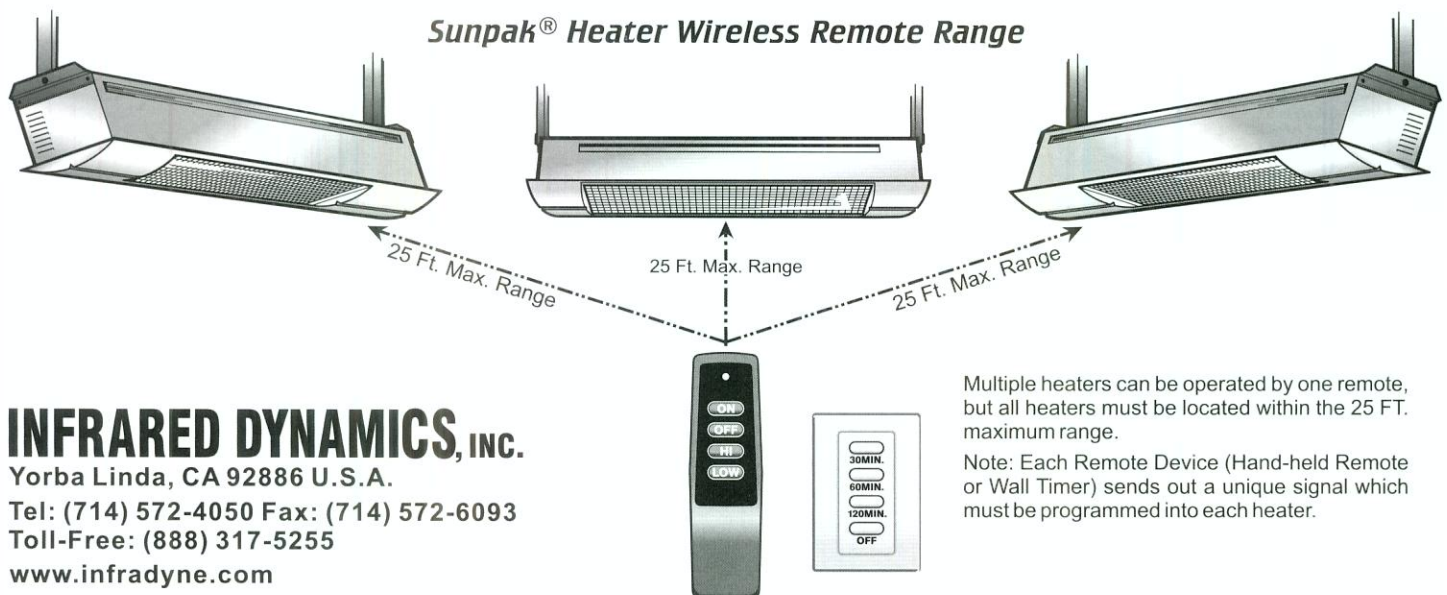
### Required Clearances to Combustible Materials

Model	Input BTUH	Side In	Rear In	Ceiling In	Below In	Mtg. Angle
S34-TSR	34,000	24"	17"	13"	48"	HORZ
S34-TSR	34,000	24"	8"	18"	48"	30° MAX

Above clearances apply to models on either natural or LP gas.

Sunpak® is C.S.A. Intl. Design-certified as an unvented infrared heater for outdoor installation. All units are equipped with spark ignition and 100% shutoff for safety, economy and convenience.

This specification sheet is designed as a brief summary about this heater and is to be used for heater selection only. It should not be used as the sole guide for placement and installation of these heaters. Complete installation instructions can be obtained by calling toll free at 1-888-317-5255 and online at [www.infradyne.com](http://www.infradyne.com).



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