# No Shovels Needed.

Hands-off Snow Removal is a Reality with Tokerumo!

Now you can clear snow from walkways, entrances, stairs, driveways, and more automatically\*, or with the push of a button. Tokerumo saves labour, time, and money. Tokerumo maintains safety around your building by removing snow and ice before it creates a public safety hazard.

- Melts snow using efficient far-infrared technology
- One unit melts snow and ice for an area over 100 ft² (10 m²)
- Easy to install and lowers property maintenance costs

\* Automatic operation with optional snow sensor installed



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### No Sweat Snow Removal

Tokerumo uses infrared light and heat from ceramic-coated halogen lamps to safely and easily melt snow and ice around your building. You'll save on labour costs, and Tokerumo is always at the ready when the snow falls.

# **Tokerumo Wherever You Need it**

Tokerumo is the ideal snow removal solution for entrances and walkways around commercial buildings, apartment complexes, shopping centres, airports, hospitals, government facilities, and any installation which requires efficient, 24/7 snow removal. Tokerumo can be installed directly onto building fascia, or mounted on a stand.



# **Removes Snow, Ice, and Hazards**

Snow and ice buildup around your building's entrance can be a major factor for slip and fall injuries. Second only to motor vehicle accidents, slip and fall accidents account for fifteen percent of all accidental deaths in America. Falls account for over eight million hospital emergency room visits per year, representing the leading cause of visits.

#### Efficient and Economical

Tokerumo uses far-infrared heat to melt snow on demand or automatically. With Tokerumo systems installed at your building entrances, you can reduce labour costs for snow removal in these areas. A single installation will typically cost less than \$400. USD to run during an entire four month snow melting season.\* Maintenance is limited to changing lamps which last approximately 3,000 hours.

\* Based on 600 hours/season using specific power supply for snow-melting. Performance figures could vary on different environments.





# **SPECIFICATIONS**

#### **GENERAL:**

- Power Supply: single phase 220 VAC 4 kW(1 kWx4)
- Lamps: Four ceramic special-coating halogen lamps
- Power consumption: 4000 W+/-5%
- Continuous runtime 20 hours

#### **DIMENSIONS & WEIGHTS:**

- Height: 0'-10" (25.5 cm)
- Width: 2'-10<sup>1</sup>/<sub>8</sub>" (86.7 cm)
- Depth: 1'-01/8" (30.8 cm)
- Weight without bracket 19.8 lbs (9.0 kg)
- Weight with bracket 24.2 lbs (11 kg)

## **INSTALLATION TIPS:**

- Tokerumo must be installed by a qualified electrical contractor
- Unit must be installed in a horizontal orientation
- Irradiation angle recommended to be 0°C to 20°C above melting surface.
- Use at an outside temperature of 5°C to -20°C.
- When using the snow sensor, set the outside air temperature to 5°C or less.
- Not for use in extremely humid or dusty areas.