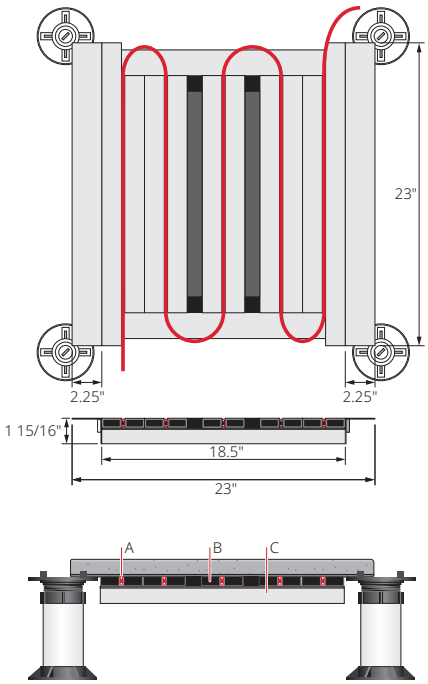
PMPH

Raychem

Pedestal Mounted Paver Heating system for melting snow on pavers installed on pedestals

PRODUCT OVERVIEW



Raychem brand Pedestal Mounted Paver Heating (PMPH) systems are designed to melt snow on pavers installed on pedestals. The PMPH systems are mounted on pedestals under the pavers to provide efficient, uniformed heat transfer to the pavers.

The PMPH system consists of high wattage Raychem QTVR electric heating cable [A], aluminum tray and conduits [B] designed to fit the cable, and 1 inch of closed cell foam insulation [C]. The PMPH system is designed for efficient and uniformed heat transfer across the top surface. The insulation at the bottom minimizes the heat loss from the bottom surface. The PMPH system uses 5 linear runs of 20QTVR-CT cable with power output necessary for heavy snow load areas.

PMPH systems provide:

- Long term snow melting solution by mechanically protecting the heating cable
- Efficient and uniformed heat transfer across the heated surface
- High performance and reliable solution for heavy snow load areas

10 YEAR Product warranty

CATALOG NUMBER

PMPH, Pedestal Mounted Paver Heating System

CONTENTS

PMPH	Al-Conduits and Tray 20QTVR-CT (5 runs per PMPH system) 1 inch closed cell foam insulation

MATERIALS OF CONSTRUCTION

Top Section	Aluminum Tray and Conduits
Bottom Section	Polyisocyanurate closed cell insulation

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ADDITIONAL MATERIALS (AS REQUIRED)

Power Connection Gland (C75-100-A)	NEMA 4X rated gland kit with flexible conduit to protect and connect heating cable to a junction box
Splice Connection Kit (PMKG-LS)	Low profile splice connection kit
End Connection Kit (PMK-HSE2)	Heat shrink end seal kit

Note: The junction boxes, pavers and pedestals are provided by others. Appropriate control and monitoring systems should be used with PMPH systems. Only approved connection kits and accessories must be used with PMPH Systems.

PRODUCT SPECIFICATIONS (NOMINAL)

Power Output	20 W/ft (65.6 W/m) of QTVR heating cable at 10°C (50°F)
Minimum Installation Temperature	0°F (–18°C)
Overall PMPH Dimensions	Width: 23 in (584 mm) Length: 23 in (584 mm) Thickness: 1 ¾ in (44 mm)
Conduit Thickness	0.0625 in (1.6 mm)
Insulation	Thickness: 1 in (25 mm)
Overall PMPH Weight	2.05 lb/Sq. ft. (10 kg/sq. m.)
Heating Cable Specifications	Please refer to QTVR datasheet H54041

GROUND-FAULT PROTECTION

To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with the requirements of Chemelex agency certifications, and national electrical codes, ground-fault equipment protection must be used on each heating cable branch circuit. Arcing may not be stopped by conventional circuit protection. Many Raychem control and monitoring systems meet the ground-fault protection requirement.

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