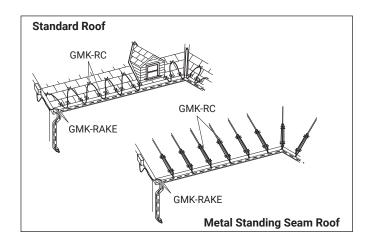


RAYCHEM

GMK-RC GMK-RAKE

Installation Instructions



APPROVALS





877Z De-icing and Snow Melting Equipment

GMK-RC CONTENTS:

Item	Qty	Description
Α	50	Roof clips

HGM-RAKE CONTENTS:

Item	Qty	Description
В	1	Hanger bracket

ICESTOP GMK-RC ROOF CLIP GMK-RAKE HANGER BRACKET

DESCRIPTION

The nVent RAYCHEM GMK-RC roof clip and nVent RAYCHEM GMK-RAKE hanger bracket kits are for use with RAYCHEM IceStop heating cables. Carefully follow these instructions. Do not use other hardware or techniques which may damage the heating cable and cause electrical hazard, fire damage or poor performance.

GMK-RC

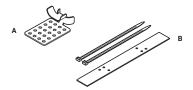
The GMK-RC roof clips are used to secure IceStop heating cables to roofs and gutters. For applications where nails and screws will be used to install clips, go to page 2. For applications where adhesive will be used to install clips, go to page 3.

GMK-RAKE

The GMK-RAKE hanger bracket is used to provide mechanical protection to the IceStop heating cable as it goes over sharp edges and to hold the heating cable in place at the top of downspouts. Refer to page 4 for instruction on how to install the GMK-RAKE hanger bracket. GMK-RAKE hanger bracket is included with each IceStop heating cable.

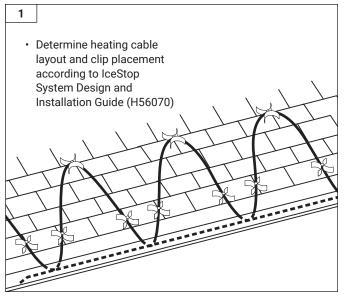
TOOLS REQUIRED

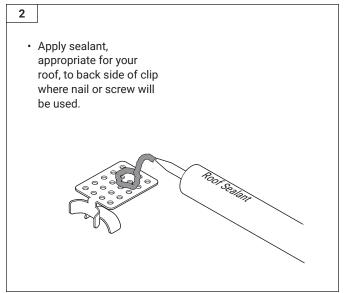
- Hammer
- Pliers
- · Caulking Gun
- · Recommended Adhesives for Metal Roofs
- SpeedBonder® H3300 (Methacrylate Adhesive)
- SpeedBonder H4800 (Methacrylate Adhesive)
- Plexus® MA300 (Methacrylate Adhesive)
- Plexus MA310 (Methacrylate Adhesive)
- GE[®] Grey RTV 167 Adhesive (Neutral-cure Silicone Adhesive)

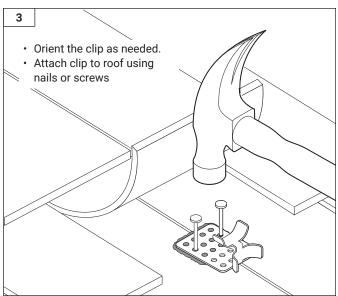


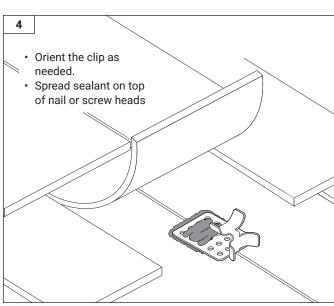
/ WARNING:

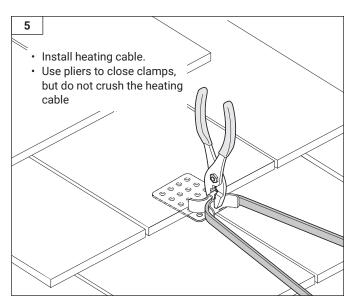
- IceStop roof clips and hanger brackets must be installed properly to ensure proper operation and to prevent the risk of electrical hazard or fire . Follow all design, installation, assembly, and test instructions carefully.
- To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with the requirements of nVent 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.
- Do not use IceStop roof clip and hanger bracket for installation on slate or tile roofs as damage may occur to roof material. Consult roofing manufacturer for components approved for use on specific roof material.
- Damaged heating cable can cause arcing or fire. Do not energize damaged heating cable. Repair or replace damaged heating cable prior to applying power.
- While using pliers to close clamps on heating cable, heating cable should not be crushed or altered structurally in any way.

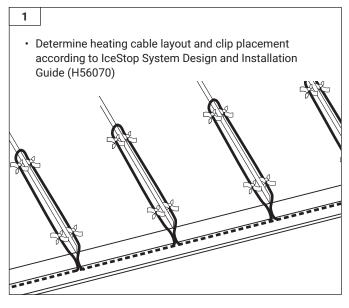




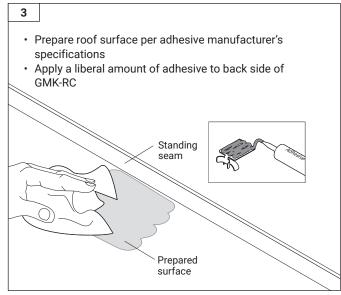


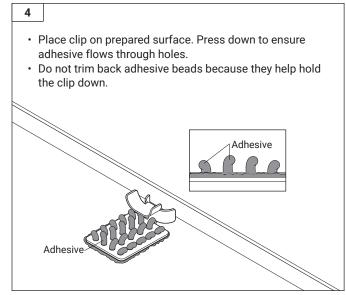


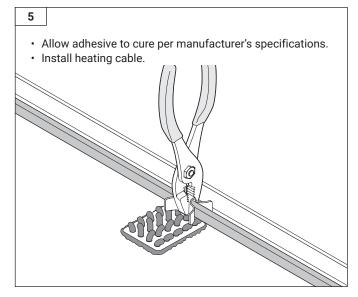


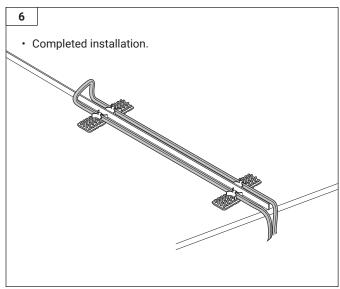


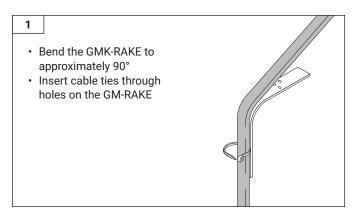


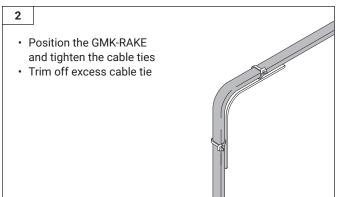


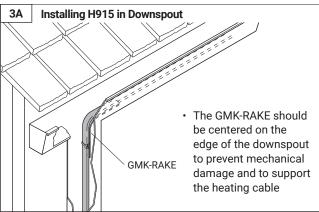


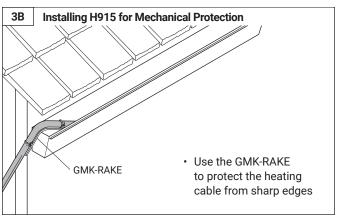


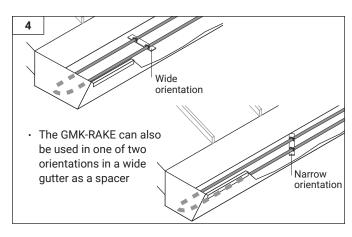












North America

Tel +1.800.545.6258 Fax +1.800.527.5703 thermal.info@nvent.com

Europe, Middle East, Africa

Tel +32.16.213.511 Fax +32.16.213.604 thermal.info@nvent.com

Asia Pacific

Tel +86.21.2412.1688 Fax +86.21.5426.3167 cn.thermal.info@nvent.com

Latin America

Tel +1.713.868.4800 Fax +1.713.868.2333 thermal.info@nvent.com

