

ICE

Damming

WHAT IS AN ICE DAM?

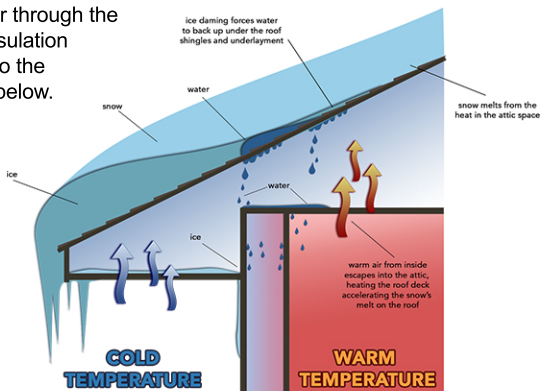
An ice dam is a ridge of ice that forms along the edge of a roof and prevents melting snow (water) from draining off the roof. The water that backs up behind the ice dam can leak into a home and cause interior damage.

WHAT CAUSES AN ICE DAM?

Although there can be a combination of contributing factors, the most common answer is abnormally high temperatures within the attic.

When the warm air from the home escapes into the attic space, it heats the roof deck and melts the snow at an accelerated pace. When melted snow moves down the roof, it refreezes as it comes into contact with the unheated exterior perimeter, creating an ice dam.

Additional water collects behind the ice dam if heat loss is left unaddressed. This water finds cracks and openings within the exterior roof system that may not normally be of concern, and leads to ingress within the attic space. Once the moisture is in the attic, it can penetrate into exterior walls or through the attic insulation and into the home below.



HOW WE CAN HELP:

Our knowledgeable technicians will determine the best solution to remove active, damaging ice dams and review the attic and ventilation of the home in an effort to mitigate future concerns.



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403-569-2643**