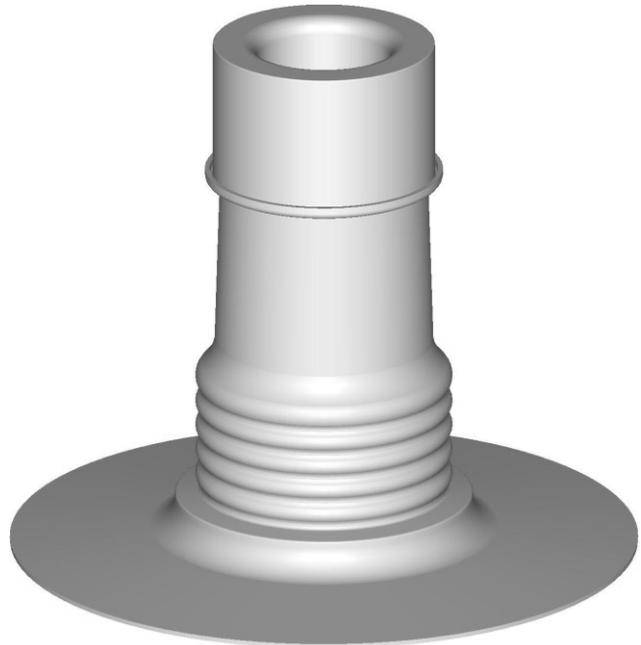


## **DESCRIPTION**

The tilted Vent2000 is a spun aluminum vent stack, shop fabricated by Murphco in one piece (without joint and solder) with a proven lathe. The particular purpose of the tilted vent stack is to provide the waterproofing around vent pipe installed on a sloped roof.

A spun aluminum cap, of assorted size and function, completes the waterproofing of the plumbing vent pipe.

Favoured by its corrugated base, the aluminum vent sleeve may be tilted to suit roof slopes from 0/12 to 10/12.



Recommended use: all types (industrial, commercial & residential).

## **MATERIALS AND DIMENSIONS**

Aluminum:

Sleeve: 0.064 " (1.62 mm) thickness

Cap: 0.051 " (1.29 mm), models 1500 & 1600

## **COLOR**

Bare aluminum

## **INSTALLATION**

This type of sleeve may be installed as well on flat built-up roofs as on sloped roofs of up to 10/12 shingle or membrane covered.

## TILTED VENT2000

To seal the sleeve to the membrane, it is recommended to prime the base flange on both faces, with a primer compatible with the membrane materials. Set the base flange of the sleeve into a layer of bituminous cement compatible with the membrane materials.

Flash-in the metal flange with 2 plies of cotton fabric and 1 ply of roofing felt into hot bitumen (B.U.R).\*

For a modified bitumen membrane, apply a reinforcing ply from the base of the sleeve to 6" (150mm) out of the edge of the flange then apply the cap sheet continuously. Apply a circular elastomeric caulking joint around the sleeve on the finished membrane.\*

### Cap:

The plumbing vent caps are available in several models.

The regular cap serves to maintain the vent pipe waterproofing of the space between the top of the conduit (vent) and the aluminum sleeve. Two models are available: 3" (75mm) diameter and 4" (100mm) diameter vent pipes.\*\*

The « chinese hat » shaped vent cap allows the installation of cables, electrical or others. This cap is perforated by 12 circular openings of 5/8" (16mm) diameter. The cap is fixed with 2 lateral metal screws, wich may be removed and reinstalled when necessary.

Anti-vandalism and closed cap models are also available on request.

Prior to cap application, it is recommended to apply a continuous caulking ribbon between the interior surface of the cap and the pipe, in order to prevent the highly probable water condensation to return into the insulated bell-shape sleeve base. Once aged and hardened, the caulking ribbon assures the permanent fixation of the cap.

## MATERIALS COMPATIBILITY

The cap and the sleeve are both manufactured from aluminum wich is an active mineral, subject to a very minor corrosion under humid environment. Such corrosion is negligible, considering the quality and thickness of the aluminum.

\* Follow the recommendations of the membrane manufacturer

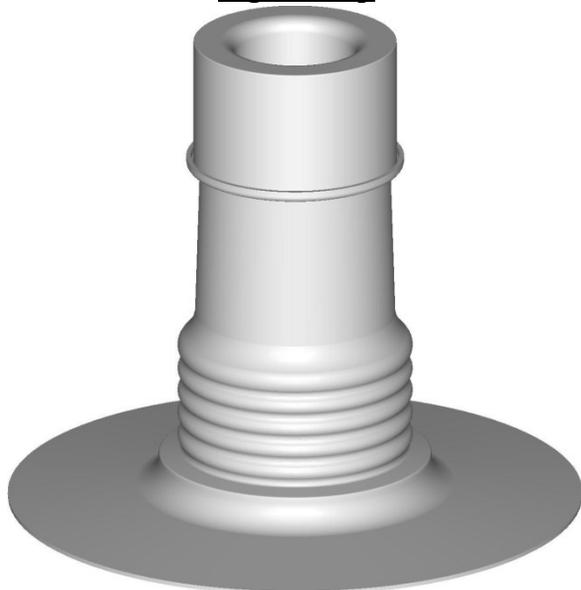
\*\* The diameters of sleeve and plumbing vents are the nominal rounded values

## FEATURES AND GUARANTY

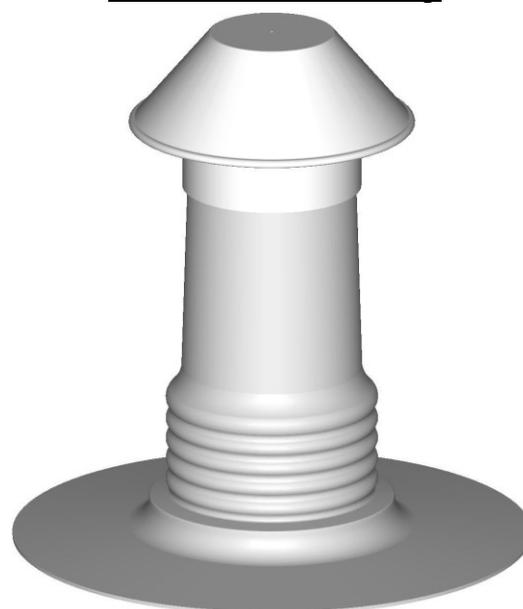
- One-piece vent sleeve and flange, without joint and solder;
- Sturdy; economical;
- Easy and fast installation;
- Option of anti-vandalism cap;
- Guaranteed against corrosion and fabrication defect.

## ILLUSTRATION OF COMPONENTS

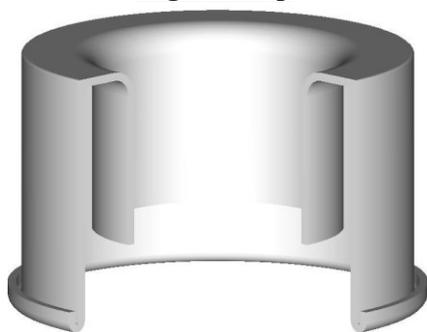
Vent sleeve with  
regular cap



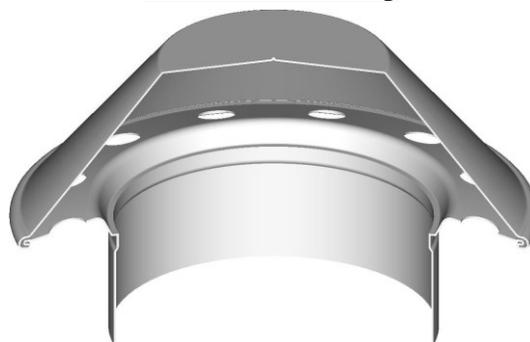
Vent sleeve with perforated and/or  
Anti-vandalism vent cap



Section of  
regular cap



Section of perforated and/or  
anti-vandalism cap



Scale: 1:5

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## DESIGNED AND MANUFACTURED BY LES PRODUITS MURPHCO LTÉE.

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## NOTICE

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