ChimneySaver®

The Leader In Chimney Protection

VenTubes™ Help Prevent Water Damage

VenTubes (patent pending) are hollow cylinders constructed of 100% 304 series stainless steel. Each Tube is 1/2 inch in diameter and 4 1/2 inches in length. A wire screen is welded in the front of each Tube to prevent insect intrusion. VenTubesTM were developed to prevent the excess condensation that often occurs in chimneys with large chase areas. These chimneys deteriorate much faster than chimneys built according to recommendations of the Brick Institute of America (BIA). The BIA recommends 1" of air space between the liner and outer brick.

SaverSystems' VenTubes provide cross ventilation in chimneys with large cavity areas surrounding the flue liner. VenTubes prevent moisture damage that results from condensation in the large cavities, or chase areas, surrounding flue liners. Moisture vapor held in large cavity areas often condenses on the inside of outer chimney walls when wall surface temperatures fall below air temperatures. VenTubes help prevent the efflorescence, spalling and freeze/thaw damage that is caused by condensation in these cavity areas. VenTubes can eliminate up to 85% of the moisture that damages chimneys with large chase areas.

Each VenTube costs less than $3.50 and is sold in packs of twelve. Many professionals charge between 2 and 2 1/2 times the material cost, plus labor at $5.00 per tube. Easy to install, they solve an often overlooked moisture problem.

Do not install VenTubes in chimneys which have damaged, cracked, or misaligned flue liners. Do not install VenTubes below the roof line or other combustible exposures.

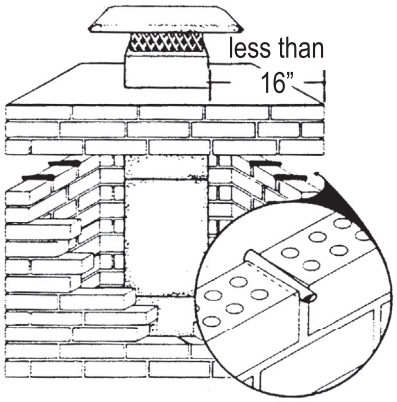
VenTubes™ Installation Instructions

VenTubes are easily installed by drilling a 1/2" hole into a selected mortar joint. The hole should be angled upward slightly using a 1/2" drill bit. This will prevent water intrusion from blowing rains. Insert VenTube so that the screen is flush with surrounding brick (see Figure 1).

To seal and secure, apply a small bead of clear silicone caulk around each tube. The cavity area from flue liner to brick determines the number of VenTubes to be installed.

Figure 1

For cavities **less** than 16 inches

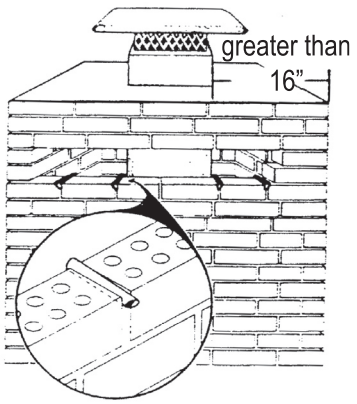


TOTAL 4 TUBES NEEDED

- For chimneys with cavities LESS THAN 16 inches: Adequate cross ventilation can generally be provided with 4 VenTubes.
- Two Tubes should be placed in one narrow side of the chimney, 4-6 courses, or rows, down and approximately one brick length apart. Two more Tubes should be installed in the same manner in the opposite narrow side of the chimney (see Figure 1).

Figure 2

For cavities **greater** than 16 inches



TOTAL 8 TUBES NEEDED

- For chimneys with cavities GREATER THAN 16 inches: Adequate cross ventilation can generally be provided with 8 VenTubes.
- Four Tubes should be placed 4-6 courses down from the top in one long side of the chimney, two on each side of the flue liner approximately one brick length apart. The additional four Tubes should be installed in the same manner in the opposite long side (see Figure 2).

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