

Vacu-Stack® CHIMNEY CAP

SOLVES WIND RELATED CHIMNEY PROBLEMS

The Vacu-Stack® Chimney Cap is the best solution for chimney problems caused by the wind. Thousands of Vacu-Stacks® are now in use since they were first introduced by ICP over 20 years ago. Complete and return the attached questionnaire for the solution of your chimney problems.



HILLS & MOUNTAINS

Stop down drafts and smoking caused by mountain winds in homes near slopes.



TALL BUILDINGS

Stop down draft and smoking caused by erratic, turbulent wind around buildings or other obstructions.



100%
Stainless
Steel

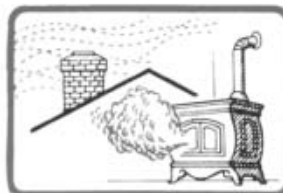


Patent No. 4,325,291
Adaptor sold separately



HIGHER TREES

Stop down drafts and smoking caused by wind deflected by tall trees.



SIDE VENTING

Solve smoking problems from appliances vented through the side of buildings.



Vacu-Stack®

Also Solves other Chimney problems

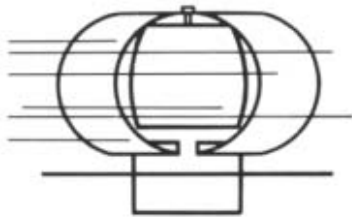
KEEPS OUT Rain, snow, leaves and animals *

KEEPS IN Burning particals *

* Optional Screen necessary

Improved Consumer Products, Inc.

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Vacu-Stack®

PROVEN DESIGN

The Vacu-Stack® Chimney Cap solves the two wind related chimney problems — wind induced downdraft and dynamic wind loading. The streamline flow of the wind around the Vacu-Stack prevents wind from blowing into the chimney — even when the wind is deflected downward. The Vacu-Stack creates a venturi that causes flue gases to flow up and out of the chimney. There are no moving parts to bind or malfunction. Vacu-Stacks are tested by an independent testing laboratory.

In the absence of wind, Vacu-Stacks provide a more than adequate passage for exhausting flue gases. The open spaces in a properly sized Vacu-Stack are several times larger than the flue opening.

The unique design of the Vacu-Stack gives excellent protection from downdrafts caused by the wind, where other devices often fail.

SUPERIOR MATERIALS AND CRAFTSMANSHIP

High quality austenitic stainless steel, T-304, guarantees superior durability for long service life. All fasteners and hardware are also made of stainless steel for complete corrosion protection. Ribbed construction provides extra strength and reinforcement. Exposed edges are hemmed for ease of installation. The Vacu-Stack® Chimney Cap is made in the USA.

OPTIONAL

Stainless steel wire screens: two square hole sizes, 1/2 inch and 1 inch, are available. *

LIFETIME LIMITED WARRANTY

Proven design, superior material and craftsmanship assures uninterrupted reliable performance in the hostile chimney environment.

Easy, Quick, Secure Installation

*Fits Round, Square
or Rectangular Chimneys*

PROBLEM FREE INSTALLATION

The Vacu-Stack® Chimney Cap is easy to install. It fits directly into round flues. Square and rectangular masonry chimneys require a stainless steel adapter. The adapters are adjustable and fasten securely to the inside of the flue. Chimneys should be cleaned and inspected before installation and must conform with applicable fire, safety and building codes. Detailed instructions are furnished.

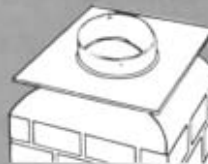
The Vacu-Stack is easily removed for annual chimney cleaning and inspection

ROUND METAL CHIMNEY INSTALLATION



Vacu-Stack caps fit inside round factory built chimneys. Optional stainless steel Spark Arrestors are required in some states. Check your building code.

MASONRY CHIMNEY INSTALLATION



An Adaptor is required for square or rectangular masonry chimneys. A patented fastening device secures the adapter to the chimney flue.



Vacu-Stack caps fit inside the adapter collar. Silicone caulking must be applied to seal seams and joints.

* 1/2 inch required in California

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Vacu-Stack® CHIMNEY CAP

Ordering Instructions

The chimney and it's Vacu-Stack" must be the correct size for optimum performance of the heating appliance. The correct size Vacu-Stack for your chimney is determined as follows:

Stoves and Furnaces:

The Vacu-Stack size (pipe end area) must not be less than the smoke outlet size on the appliance.

Fireplaces:

The Vacu-Stack size should be 10% to 12% of the fireplace front opening area (width x height).

Vacu-Stack Chimney Caps attach to inside the chimney flue and will fit standard factory built metal chimneys. When Vacu-Stacks are installed on square or rectangular flues an adaptor is required. The shortest horizontal dimension of the flue opening determines the maximum Vacu-Stack size that can be fitted into a rectangular flue.

An oval Vacu-Stack may be used when a rectangular flue is not large enough to accommodate the correct round cap. "TWD" models are available for air cooled chimneys.

CAUTION!

Vacu-Stack chimney caps **will not** solve non-wind related smoking problems. Vacu-Stack chimney caps **are not** a solution for improper fireplace or chimney construction.

UNDER NO CIRCUMSTANCES SHOULD AN UNDERSIZED VACU-STACK BE INSTALLED.


The Vacu-Stack must be large enough to accommodate the volume of flue gas exhausted from the chimney. Consult your Chimney sweep or ICP's technical department if you require assistance.

VACU-STACK SIZING GUIDE

YOUR APPLIANCE	CHIMNEY SHAPE		RECOMMENDED VACU-STACK SIZE
STOVE INSERT FURNACE	●		Same as chimney size but not less than area of Appliance Smoke Outlet.
		■ ■	Select V/S and Adaptor with an area not less than area of Appliance Smoke Outlet.
FIREPLACE	●		Same as chimney size but not less than 10% of Fireplace Face Opening area.
		■ ■	Select V/S and Adaptor with an area not less than 10% of Fireplace Face Opening area.

● Round ■ Square ■ Rectangular

STANDARD VACU-STACKS AND ADAPTERS

MODELS	SIZES	CHIMNEY SHAPE	DESCRIPTION
VSS	3" to 12"	●	Fits directly into round chimney
		■ ■	Fits square or rectangular with an adaptor (see below)
VSS OVAL	8" x 12" 12" x 16"		Fits directly into 8" x 12" or 12" x 16" rectangular flues (adaptors included)
VSS TDW	6" to 10"	●	Fits directly into double or triple wall air-cooled chimneys
Adaptor Model and Sizes		■ ■	Adaptors are required for installation of VSS model Vacu-Stacks on square and rectangular flues.
AD10" x 10", 14" x 14" or 18" x 18" AD8" x 10", 10" x 14" or 14" x 18"			

Square and Rectangular chimneys require adaptor.

Non standard sizes are available by special order.

icp IMPROVED COMSUMER PRODUCTS INC.

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