

WEATHERSHIELD® SELECTION & SIZING GUIDE

Selection and Sizing Guide

Installing the correct size WeatherShield® model is essential for proper operation. Adapters are required for some installations. Follow state code requirements relative to spark arresters.

The model number found on the top of each unit and on the shipping carton corresponds to the unit's size; i.e., WSA-6 corresponds to a nominal 6" pipe dimension of the WeatherShield®.

Important: WeatherShield® chimney caps fit inside round flues or inside Adapter collar. Adapter instructions are included separately with the Adapter and may also be found on page 17.



WeatherShield® Model WSA, WSC, and WSM

Protects chimneys from infiltration of rain, snow, debris, and animals. Designed for installation on other than air-cooled chimneys.



WeatherShield® Model WSA-TDW, WSC-TDW, and WSM-TDW

Protects chimneys from infiltration of rain, snow, debris, and animals. Designed for installation on air-cooled chimneys.

Selection Guide WeatherShield®

Chimney Description				Required	
Material	Flue Shape	Construction	Insulation	Model	Adapter
Metal	Round ●	Single Wall	None	WSA	Not Required
		Double Wall	Solid Pack	WSA	
			Air Cooled	WSA-TDW	
		Triple Wall	Air Cooled	WSA-TDW	
Masonry	Round ●	N/A	N/A	WSA	Not Required
	Square ■	Masonry	N/A	WSA Adapter Required	AD
	Rectangular ▣				

Sizing Guide for WeatherShield®

Appliance	Flue Shape		Important Sizing Guide Instructions
• Stove • Insert • Furnace	●		Must not be less than size of appliance smoke outlet
	■	▣	Must not be less than size of appliance smoke outlet
• Fireplace	●		The effective area of flue and chimney cap should not be less than 10% of the front opening area of the fireplace. "The effective area" is the area of the inscribed circle.
		▣	

Adapter required for square or rectangular flues

- Do not install an undersize chimney cap. • Do not install unit on undersize chimney.
- Minimum flue areas for appliances should conform to manufacturer recommendation (usually the size of smoke outlet on appliance). • Minimum effective flue areas for masonry fireplaces must not be less than 10% of front opening area of fireplace (.10 x width x height).
- Local Building Code Requirements: All warranties for ICP chimney products are voided where installations do not conform to local building code requirements.



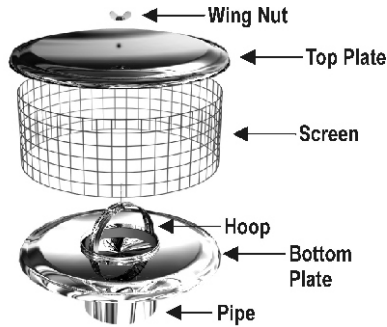
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WEATHERSHIELD® INSTALLATION INSTRUCTIONS WSA

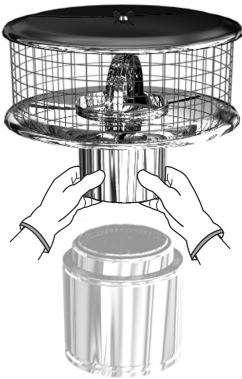
Instructions for installing WeatherShield® Model WSA on round flues other than air-cooled:

The WeatherShield® chimney cap installs quickly, easily, and securely. Follow applicable state code requirements relative to spark arresters.



STEP 1. ASSEMBLE

The WeatherShield® is ready to install. a.) Move hoop upwards to vertical position and remove wing nut. b.) Center screen on bottom plate. c.) Position top plate so screw at top of hoop passes through center hole of top plate. d.) Secure with wing nut as shown.



STEP 2. FIT INSIDE FLUE

WeatherShield® chimney caps spring fit inside round metal and masonry flues. Squeeze bottom of WeatherShield® and push down into flue to assure snug fit.



STEP 3. APPLY WATERTIGHT SEAL.

Apply thin film of silicone caulking (notfurnished, but readily available at local home centers) to seal joint between WeatherShield® and top of chimney.



STEP 4. FINAL POSITIONING

Push WeatherShield® down firmly into chimney section to make sure final connection is tight and secure.

Instructions for installing Model WSA on rectangular or square flues continued on next page.

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