

30-compact

stuv



A STATE OF MIND

STÛV 30-COMPACT STOVES DESIGNED FOR LOW-ENERGY HOMES

Developed to meet the more demanding requirements of low-energy consumption and smaller homes, this Stûv 30-compact stove manages to successfully combine high efficiency and modern design.

BETTER SUITED TO LOW-ENERGY HOMES

The majority of stoves currently on the market are too large for use in today's low-energy homes, which are better insulated. As a result, such stoves cannot operate at optimum efficiency. When they are made to operate at slow burn rates, their output decreases and fuel combustion is not as clean. Choosing a 45,000 BTU stove where a 15,000 BTU unit would suffice is simply inefficient. The Stûv 30-compact, as its name indicates, has a smaller combustion chamber and reduced power. It is the ideal stove to meet the needs of today's new homes.

OUTSTANDING PERFORMANCE

When operating under optimal conditions, the Stûv 30-compact can achieve an efficiency of more than 80% ! To obtain these results, Stûv has introduced several important principles:

- >> the smaller combustion chamber helps to maintain the right temperature for optimal combustion
- >> the cast iron combustion chamber does a better job of storing heat and is equipped with a post-combustion system



THE HERITAGE OF THE STÛV 30: THREE OPERATING SETTINGS

The Stûv 30-compact provides three different operating settings. This patented feature is made possible through the use of three rotating doors.



In daytime: Glass-door.

It works with an exceptional efficiency and offers a wonderful 120° view of the fire behind its large curved glass door.



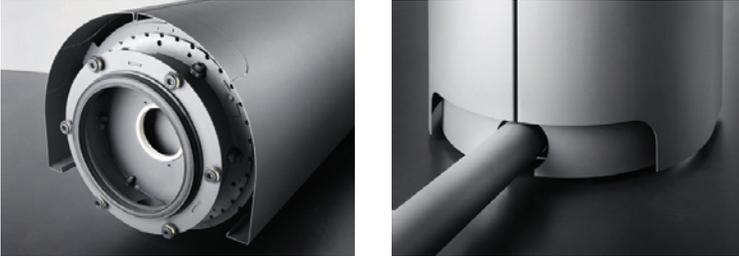
In the evening: Open fire.

Experience incredible flames combined to the sounds and smell of wood cracking, same of good old masonry fireplaces.



Overnight: Slow combustion.

Combustion smoulders behind its closed shield door until early signs of sunrise. It also hides the combustion chamber during summer time.



Tight connexion for outside combustion air underneath or behind the unit

Combustion air

Because low-energy homes have better sealing and insulation, Stuv has designed new stoves so that they can be fed with combustion air from outside the room in which they are used.

This system has several advantages:

- there is no cold-air current in the room
- the stove does not affect air quality in the room

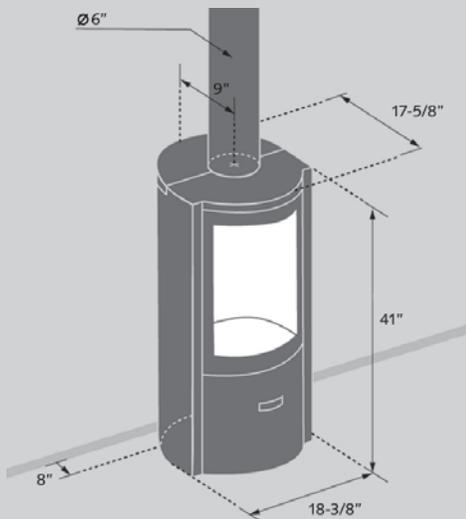
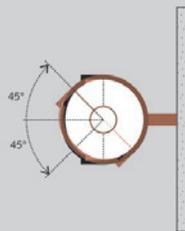
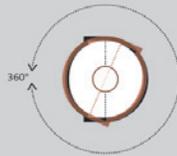
Clean glass system

The air used for combustion sweeps against the glass, which remains clear and clean.

Adjustable orientation

A rotating plate is used to orient the stove so that it distributes heat wherever it is needed. The stove is capable of 360° rotation (one complete rotation). However, the installer can limit the angle of rotation to 90°, 180°, or 270° so that the stove is not directed at a wall or nearby furniture.

If the back of the stove is connected to an outside air duct, the stove can be rotated a maximum of 45° left or right.



Maximum power	30 000 BTU
Chimney type	6" Ø double-wall flue pipe connector, UL-103HT, ULC S629
Efficiency	> 80% (European data)
Logs length	10" (horizontal) 16" (vertical)
Conform to	UL1482, ULC S627, EPA phase 2
Patent pending	nr 2010/00112
Unit height	41"
Unit diameter	18-3/8"

FOR OUR PRODUCT CATALOGUE OR FURTHER INFORMATION, PLEASE CONTACT :

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