# Create a pleasant living environment with K & F Rollshutters



#### **Warm in Winter**

Rollshutters offer warmth in the winter by providing a highly insulating cushion of air in-between the window and rollshutter. It's like putting a jacket on your windows.



# Noise Reduction

Rollshutters reduce sound up to 10 decibels by using noise reducing CFC free insulating foam.



# Shading

Rollshutters provide total light control, eliminating glare on media screens. Shutters also help prevent the sun fade <u>damage to</u> artwork, flooring and furniture.



#### Cool in Summer

Being mounted on the outside rollshutters keep the hot sun off of your windows providing shade and coolness.



#### **Weather Protection**

Rollshutters provide effective protection against the harsh effects of solar radiation, wind, debris, snow and ice.
Wooden windows are shielded in an optimal way.



#### Privacy

Who is looking in your windows when you are not looking out? Rollshutters allow you to choose your level of privacy.



# Security All Year Long

Rollshutters are both a visual and physical deterrent which make entry into a building extremely difficult. Protect your business, home and family.



## **Comfort**

You and your family can enjoy a comfortably cool, dark and quiet room for daytime sleeping.
Rollshutters provide 98% black out.



#### No Maintenance

The rollshutter provides total functionality with no maintenance.



#### Design

When selecting a rollshutter there are many colour combination possibilities. Exterior mounted rollshutters are a real optical contribution to the outside view of every building.

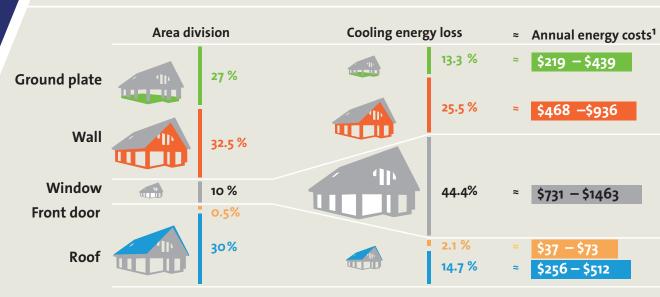


## Operation

Rollshutters are mounted on the outside and operated from the inside. Both manual pull systems or with electric drive.



# Energy-saving potential at the windows



The average ratio at the exterior surface of your house (building envelope) The average ratio of heat energy loss through the building envelope

<sup>1</sup> Estimated annual energy costs caused by energy loss through the building envelope (estimated total = 525 m<sup>2</sup>)

European information provided /2012

# **Operations**

Operating your rollshutter is very simple. Your rollshutters are operated from within the house, with the pull of a strap, the turn of a winch handle or the push of a button. When the shutter is fully closed it locks in position and provides extra security.

STRAP COILER: the strap coiler can be installed on either side of the window. The shutter is raised by pulling on the strap and closed by releasing the strap from the coil box.

WINCH: the winch can be installed on either side of the window. The shutter is raised by turning the handle in the up direction and lowered by turning in the down direction. The winch has gears and will provide mechanical advantage over larger rollshutters, making operation smooth and easy.

MOTORS: The motor is located out of sight inside the pipe of the rollshutter. It automatically stops at the fully open and fully closed position. You can stop the shutter anywhere in-between these positions. The motor comes with a wall switch or a remote control. Motorization can be versatile with a variety of switching options, contact a K & F representative for details.

NEW: the 12 VOLT OZ roll motor. There are many advantages, they are easy to retrofit, no electrician required, motor still works when power goes out and solar charging is an option.

#### **Custom manufacturing and installations** throughout Western Canada



Serving you for over 28 years... locally owned & operated.

**Contact** 

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> Hours Monday - Friday:

8:00am - 4:30pm







Renovation | Retrofitting | New building

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# Aluminum – a real 'all-rounder'

High quality components made from aluminum. Aluminum is a lightweight yet robust material which stands up to the elements with excellent corrosion characteristics. It also provides you with a strong, easy-to-operate, long-lasting and aesthetically pleasing rollshutter system. Enjoy the advantages of aluminum.



