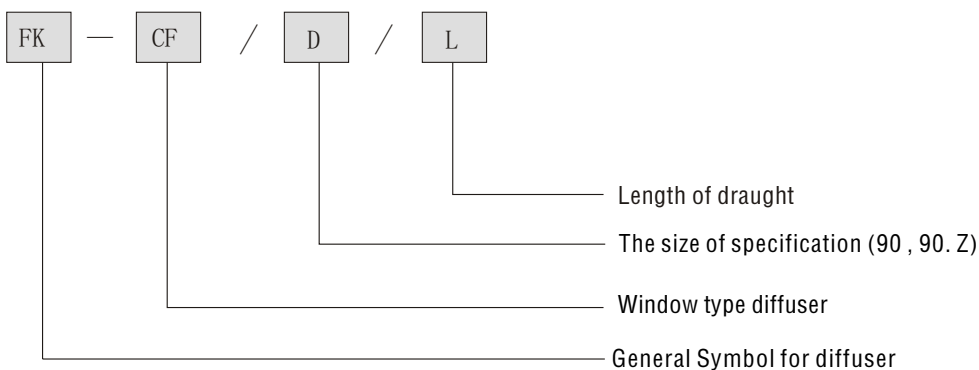


## 1 Introduction

The window type ventilator of the Model FK-CF is one of the embedded natural ventilators which our company develops ;The outer cover is composed of the aluminium material, the inside guarantees the direction that the air flows upwards naturally is designed.

Middle material process mosquito into to be netted, can defend worm, and can with easy to take down or load onto hand, it is easy to wash; Is it ventilate with the pure and fresh air to for the principle , satisfied with the condensation to be solved of not ventilating with sound insulation to control, heat energy loss, the root of fangfeng rain , noise ,etc. issue, guarantee oxygen density and relative humidity in the air.

## 2 Representation Format for FK-FC Model



## 3. Features

FK-CF

Window type diffuser



- The controlled , natural ventilation of energy consumption is designed;
- The structure is high in intensity, have long performance life;
- The sealed lid specially designed can prevent the trials and hardship from invading to cover;
- The grid is designed can prevent the insect and other objects from entering ;
- Handsome in appearance, the color is various, wash conveniently;
- It is in extensive range that the products are used, suitable for assembling with the building doors and windows of various kinds of uses.

## 4 Performance Parameter

### 1) Noise

State	Under the ordinary background noise ( DnA )	Under the ordinary background noise ( DnA )	Under the plane background noise ( DnA )	Taking a breath amount under the wind pressure of 2 handkerchieves M <sup>3</sup> /m.h	Taking a breath amount under the wind pressure of 10 handkerchieves M <sup>3</sup> /m.h
Open the state	27. 3	27. 7	27. 5	56. 5	126. 33
Close the state	44. 8	45. 1	45. 1	---	---

### 2) Ventilate the relation (already included both ends and moulded one ) between area and length

Ventilate the area	4000mm <sup>2</sup>	5000mm <sup>2</sup>	6500m	8000mm <sup>2</sup>
Length of the ventilator	345mm	411mm	511	611mm

## 5 Technical Parameter

Height 90 ( 90Z )	105 ( 115 ) mm
the height of cell groove 90 ( 90Z )	90 (100) mm
Thickness ( 20, 24 )	28.8/32.8mm
Ventilator groove ( 20, 24	26/30mm
overall length	Min 200mm/max2000mm
the intercept dimension of install	Min 84mm
According to DIN4108	About 3.2W/m <sup>2</sup> K
According to prEN100 77-2	About 3.6W/m <sup>2</sup> K
unlocked area ( 1mLL )	About 13400mm <sup>2</sup>
quantity of aeration ( 1m/10pa )	About 120m <sup>3</sup> /h
Effect of muffler	D <sub>n,w</sub> =28dB
measured based on 52210	RW1.9=21dB

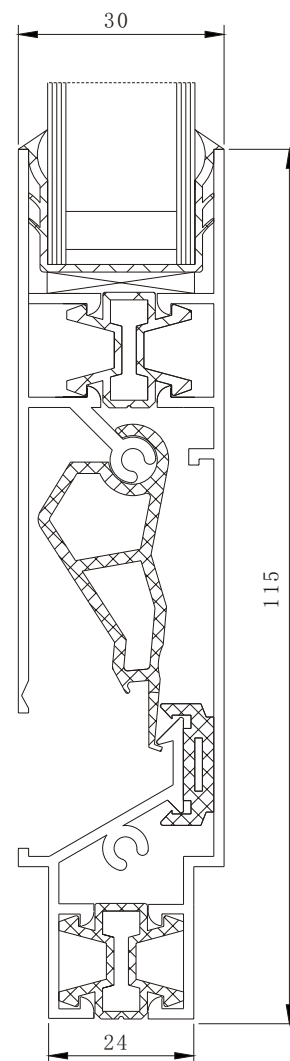
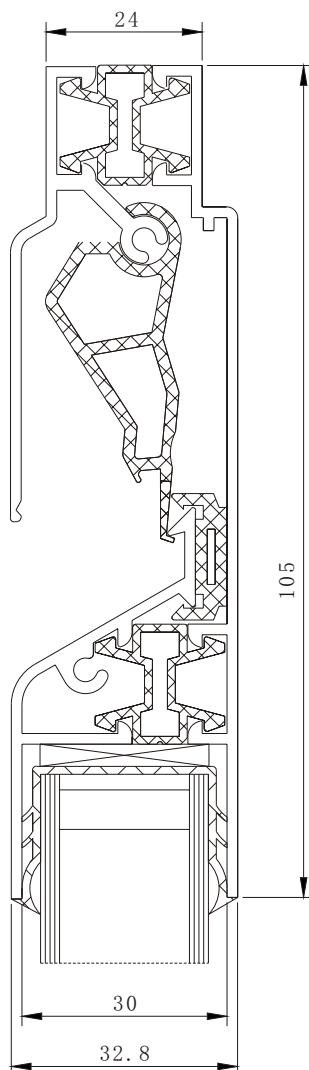
All RAL colors are possible , the cover of two end have two: white or black surface .graduation handle silver EV 1, 16 RAL90 white colours or grey brown( 8019 ).

## 6 Installation

The ventilator can't change the structure of installing at will according to the correct installation of graphic presentation of the drawing, make the fluid sealant work of the glass; The vent position can't be sheltered from, otherwise will influence the result of ventilating ;

FK-CF / 90
Installation is in glass top
Hollow glass total thickness: 20~26mm
Installation altitude: 105mm
complete high (From glass top calculate):90mm

FK-CF / 90.Z
Installation is in glass bottom
Hollow glass total thickness: 20~26mm
Installation altitude: 115mm
complete high (From glass top calculate):100mm





(install the result picture)

## 7 Operation Method

Daily life use, While opening or closing the ventilator, don't exert oneself too quickly, avoid damaging the switch handle; Except abominable weather, generally speaking, do not need to close or often regulate the ventilator .

## 8 Maintain and Clean at Ordinary Time

While cleaning at ordinary times , can use the dust catcher or the wet rag to get rid of the dust ;

Use the neutral one while cleaning (6-8 of hydrogen ion index), not the grinding cleaning material, and clean completely with the clean water;

Under the normal situation, the ones that need 1-2 times every year are clean completely, pollute the environment, increase and wash the number of times according to the concrete conditions