

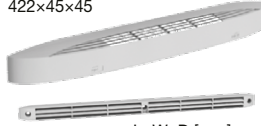
# ECA – self-regulating damped supply elements

## ECA self-regulating damped window supply elements

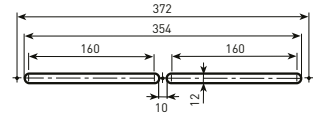


window inlet element

LxWxD [mm]:  
422x45x45



LxWxD [mm]:  
400x23x12

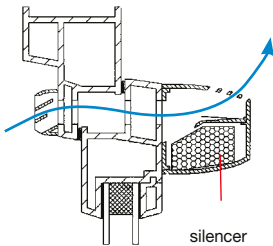


size of mounting holes and air passage openings in the window frame

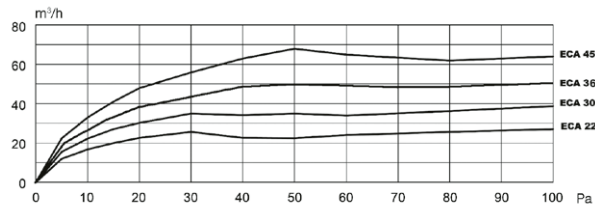
ECA supply elements are designed to supply a constant amount of outdoor fresh air to a room with forced exhaust. The air inlet is made of injection moulded polystyrene and consists of an external louvre and an internal part with a silencer. The vents are mounted on the prepared opening in the window frame with screws. The air flow regulation is automatic and depends on the air pressure acting on the vent.

Type	Flow (20 Pa) [m³/h]	Flow (100 Pa) [m³/h]	Dn,e,w [ctr] [dB]
ECA 22	22	28	39
ECA 30	30	40	39
ECA 36	36	45	38
ECA 45	45	65	37

Available on request in the following colours (RAL), standard colour – pearl white (RAL 1013):



ECA cut, simple silencer



Typical control characteristics common to all ECA elements  
Control characteristics of flow controllers built into the inlet elements, the characteristics are for individual sizes, which also indicate the design flow

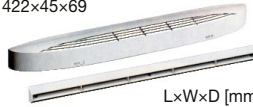
# ECA – self-regulating damped supply elements

## ECA-RA – self-regulating damped window supply elements with double damper

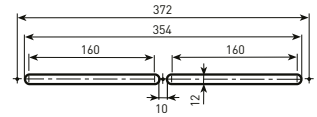


window inlet element

LxWxD [mm]:  
422x45x69



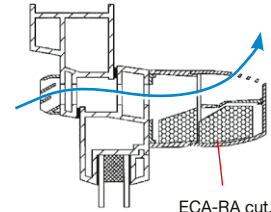
LxWxD [mm]:  
400x23x12



size of mounting holes and air passage openings in the window frame

The vents are designed to supply a constant amount of outdoor fresh air into the room with forced exhaust. The vent is made of injection moulded polystyrene and consists of an external louver and an internal part with 2 silencers placed behind it. The vents are mounted on a prepared hole in the window frame with a screw. The air flow regulation is automatic and depends on the air pressure acting on the vent.

Type	Flow [m³/h]	Dn,e,w [ctr] [dB]
ECA-RA 22	22	41
ECA-RA 30	30	41
ECA-RA 36	36	39
ECA-RA 45	45	39



ECA-RA cut, double silencer

Available on request in the following colours (RAL), standard colour – pearl white (RAL 1013):

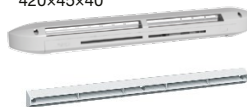


## ECA-HY – humidity controlled inlet element with silencer

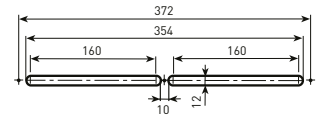


window inlet element

LxWxD [mm]:  
420x45x40



LxWxD [mm]:  
400x23x12

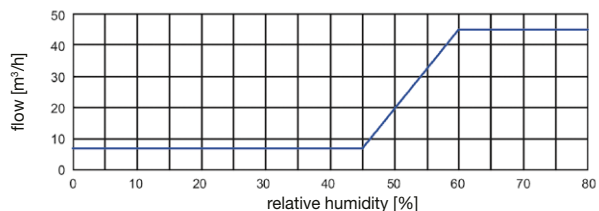
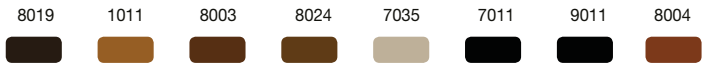


size of mounting holes and air passage openings in the window frame

Humidity-controlled ventilation supply elements for air exchange in rooms. They guarantee a variable air supply of 6–45 m³/h depending on the relative humidity, with a pressure difference of 20 Pa, which partially eliminates cross ventilation, which is a major cause of energy waste. The element is made of injection moulded polystyrene and consists of an external louvre and an internal part with a silencer. The element is installed in a prepared hole of 354 × 12 mm in the window frame using screws.

Type	Flow [m³/h]	Dn,e,w [ctr] [dB]
ECA-HY 6/45	6/45	37

Available on request in the following colours (RAL), standard colour – white (RAL 9016):



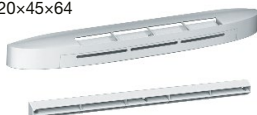
# ECA – self-regulating damped supply elements

## ECA-HY RA – humidity-controlled inlet element with 2 silencers

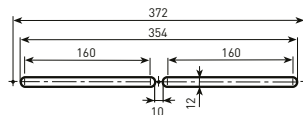


window inlet element

LxWxD [mm]:  
420x45x64



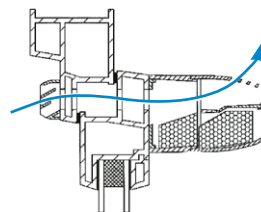
LxWxD [mm]:  
400x23x12



size of mounting holes and air passage openings in the window frame

Humidity-controlled ventilation supply elements for air exchange in rooms. They guarantee a variable air supply of 6–45 m<sup>3</sup>/h depending on the relative humidity, with a pressure difference of 20 Pa, which partially eliminates cross ventilation, which is a major cause of energy waste. The element is made of injection moulded polystyrene and consists of an external louvre and an internal part with 2 silencers. The element is installed in a prepared opening of 354 × 12 mm in the window frame using screws.

Type	Flow [m <sup>3</sup> /h]	Dn,e,w [ctr] [dB]
ECA-HY RA 6/45	6/45	39



cut ECA-HY-RA – silencer

Available on request in the following colours (RAL), standard colour – white (RAL 9016):

