





## FEATURES & BENEFITS

-  fan for switchgear climate control
-  mounting in 177x177 hole
-  capacity 105 m³/h
-  high motor durability resulting from bearings used

## LOGISTIC DATA

Type	WRF 105/230
Index Ergom	R37RC-02010100501
Weight [kg]	0,84

Fans are equipped with a 230 V, 50/60 Hz AC motor. Ball bearings increase the reliability and operating time. Fans are offered in housings for direct mounting in electric cabinet walls. As a standard, enclosures are fitted with air filters. These filters are also offered as separate articles.

## APPLICATION

Switchgear and electrical cabinets. Application of fans facilitates discharge of heat emitted in systems installed in electrical cabinets, makes dust and water condensate impossible to settle inside electrical cabinets.

## MECHANICAL DATA

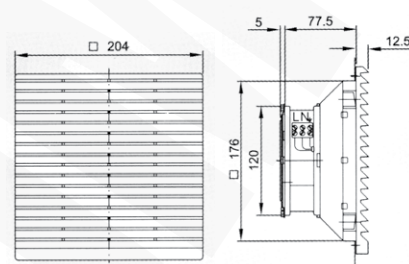
Colour	RAL 7035
Housing material	filter: self-extinguishing plastic in grey colour fan: aluminium alloy, plastic
Filter cartridge material	self-extinguishing, nylon unwoven fabric
Fan blade material	plastic
Noise level [dB]	46
Motor type	AC inductive
Operating temperature [°C]	-10 ÷ +55
Efficiency [m³/h]	105
Efficiency with filter [m³/h]	71
Efficiency, free flow [m³/h]	105

## ELECTRICAL DATA

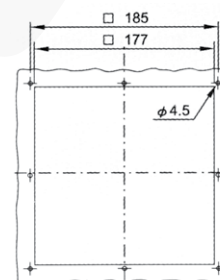
Rated power [W]	19
Rated voltage [V AC]	230, 50 Hz
Rated current [A AC]	0,12

## CERTIFICATES & STANDARDS

IP degree of protection	IP43, according to IEC 60529
Standards	EN 55014-1:2004; EN 55014-2:1999 – AC and DC fans. EN 60335-2-80:2007; EN 60335-1:2004+EN 60335-1:2004/A1:2005, EN 60335-1:2004/A2:2006 – AC fans.



Fan with filter



Installing section



