## **FEATURES & BENEFITS**

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

#### LOGISTIC DATA

Туре	WRF 105/24
Index Ergom	R37RC-02010100601
Weight [kg]	0,6

Fans are equipped with a 24 V DC 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	brushless direct current motor
Operating temperature [°C]	-10 ÷ +55
Efficiency [m <sup>3</sup> /h]	105
Efficiency with filter [м³/h]	71
Efficiency, free flow [m³/h]	105

### ELECTRICAL DATA

Rated power [W]	3,5
Rated voltage [V DC]	24
Rated current [A DC]	0,15

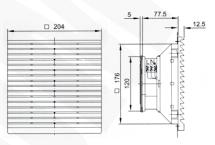
#### **CERTIFICATES & STANDARDS**

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.

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# Fan, WRF 105/24





Fan with filter



Installing section

CE



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To punch holes for fans we offer blanking dies e.g. SQ92 or SY92.

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