Type: MPS 280 E2 20

Item number: 126647

Description:

This extract fan is suitable for extract of kitchen fat exhaust. The casing is made of galvanized steel sheet and lined up with 40 mm mineral wool noncombustible according to DIN EN 13501-1, building material class A1. The assembled mounting rails are equipped with rubber vibration dampers and they can also be repositioned on the casing, enabling three discharge directions. The air tube connectors have standard dimensions and double lip seals for air tight connections. A grease pan/condensate drain is integrated in casing, only usable when installed with discharge up. The condensate drain connector is located under the device base. The swing out fan section is also used as access door for cleaning and maintenance works, being lockable in opened position.

The backward curved strong impeller is mounted on the shaft of a voltage controllable IEC standard motor. The ball bearings are maintenance free and life time lubricated, sealed on booth sides. Speed control possible via transformer controller device. The motor is located outside the air stream and so optimum protected against dirt. The motor is standard equipped with built in thermal contact (wired in the connection box) for overheating protection.

CE marking according to EC Declaration of Conformity for Electromagnetic Compatibility EMC - Directive 2004/108/EC. EC - Declaration of Incorporation according to the Machinery Directive 2006/42/EC - Directive 2009/125/EC (Reg.

1253/2014/EU).

Technical data:

Volumetric flow (V): m³/h Pressure increase (Δp fa): Pa Efficiency static max. (η fa): 50,3 % Efficiency total max. (ηt): 52,9 %

Rated voltage (U): 230, 1~ V Rated frequency (f): 50 Hz Rated power consumption (P N): 722 W Current consumption max. (I max.): 4,1 A Rated speed (n): 2720 min-1

Protection class motor: IP 54

Protection class terminal box: IP 54

Ambient temperature max. (t A): 80 °C Medium temperature max. (tM): 120 °C

Casing sound power level (L WA2): 74 dB(A) Inlet sound power level (L WA5): 80 dB(A) Outlet sound power level (LWA6): 83 dB(A)

Dimensions housing (W x D x H): 592x315x522 mm Connection diameter: 315 mm Connection condensate: 3/4 " Weight: 47,5 kg

Wiring diagram: 127639

Manufacturer:

ruck Ventilatoren GmbH Max-Planck-Str. 5

97944 Boxberg

Tel. 07930-9211300 [www.ruck.eu](http://www.ruck.eu/)

Type: MPS 280 E2 20

Item number: 126647

|  |  |  |
| --- | --- | --- |
| Available accessories:  WK MPS 07 | 127953 | Wall mounting bracket |
| VM 315 | 102652 | Fast clamps, 1 set = 2 pcs., size 315 |
| RSK 315 D | 113489 | Backdraught shutter with seal size 315 |
| RSK 315 | 102664 | Backdraught shutter size 315 |
| WSH MPS | 103661 | Weather protection for motor |
| GS 01 | 102787 | Isolator switch |
| TEM 050 | 103519 | 5-step transformer box with connection for motor protection, IP54 |
| TEM 050G | 109966 | 5-step trafo box with connection for motor protection and gas valve, IP54 |
| TES 050 | 103955 | 7-step transformer without motor protection, for switch cabinet, IP20 |