

Description for all types

- **Casing**
 Made of galvanised steel sheet, types HQ and HW have additional two layer lacquer coating in papyrus white.
- **Impeller**
 High performance characteristics with profiled blades made of plastic, dynamically balanced.
- **Drive**
 Closed casing made of die-cast aluminium. Protection category IP54, ball bearing mounted. Maintenance-free and radio interference-free. Winding with moisture proof coating. See type table for max. air flow temperature.

- **Motor protection**
 Through built-in thermal contacts wired in series with the winding, automatic deactivation and reactivation after cool down.
- **Electrical connection**
 Standard terminal box (IP54) on back of motor. Additionally on outside of duct for HRF types.
- **Protection grille**
 Made of powder-coated steel for HQ and HW, and plastic for HS. In accordance with DIN EN ISO 13857.
- **Power control**
 All types can be controlled through voltage reduction (electronic or via transformer). The flow rates are shown in the performance diagram.

- **Reverse operation**
 All types are reversible using a DSEL switch. Performance reduction of approx. 1/3 in abnormal flow direction.
- **Installation**
 Installation possible in any position, but be aware of any condensate drain holes depending on usage.
- **Noise levels**
 See performance diagram. The sound power and sound pressure at 1 m distance under free field conditions are specified for the average operating point on the inlet/outlet side. See page 14 f for noise emissions and room acoustics.

Reference	Page
Techn. description	180
Selection table	181
Planning information	14 ff.

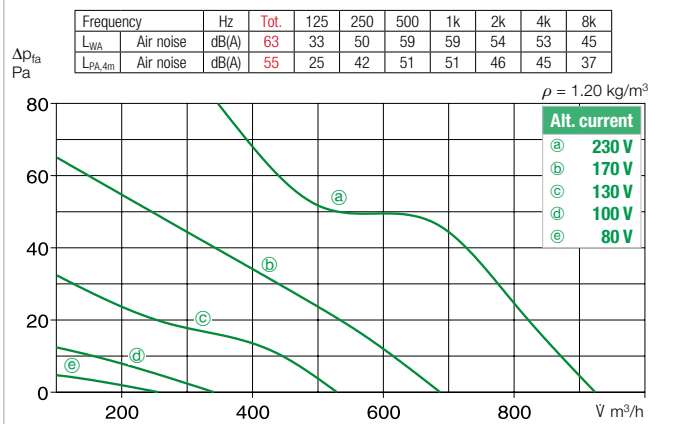
Special design
 Different voltage, protection category, air flow direction, higher air flow temperature, acid protection and impeller in other materials upon request.

The technical information on p. 19 ff. must be observed.

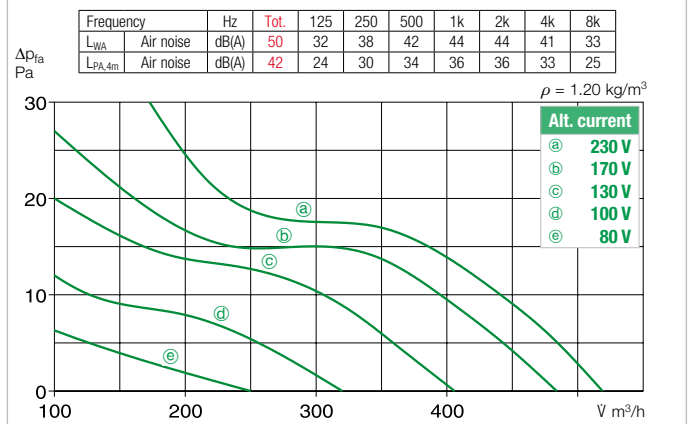
Speed	Flow rate free-blowing	Power consump.	Current consump.		Wiring diagram	Max. air flow temp.		Weight net aprx.	Design type							
			at rated voltage	max. with control		at rated voltage	with control		HQ incl. protection grille	Ref. no.	HW incl. protection grille	Ref. no.	HS incl. protection grille	Ref. no.	HRF	Ref. no.
min ⁻¹	V m ³ /h	W	A	A	No.	+ °C	+ °C	kg								
Single-phase alternating current. 230 Volt, 50 Hz, Capacitor motor, protection category IP54																
1360	520	25	0.11	0.11	439 ¹⁾	60	40	3.8	HQW 200/4	07537	HW 200/4	07538	HSW 200/4	07502	HRFW 200/4¹⁾	07540
2250	930	66	0.26	0.31	439 ¹⁾	40	40	2.7	HQW 200/2	00960	–		HSW 200/2	07503	HRFW 200/2¹⁾	00199

¹⁾ Type HRFW: Connection according to wiring diagram no. 962.

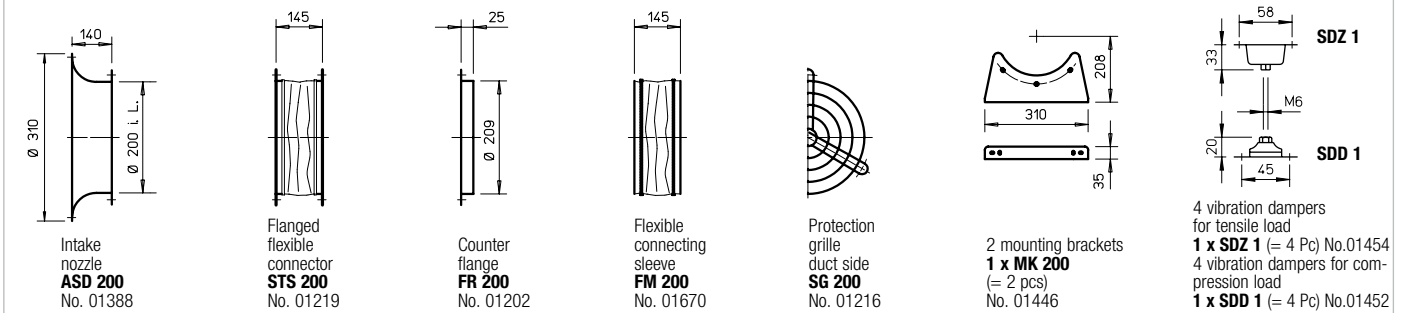
Performance curves 200/2



Performance curves 200/4



Accessories for HRF 200 Description see page 276 ff.



Type	Ref. no.	Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
Transformer speed controller 5-step		Electronic speed controller, continuously variable flush-m./surface-m.		Reverser switch		Electronic speed controller with reverser switch	
TSW 0.3	03608	ESU 1/ESA 1	00236/00238	DSEL 2	01306	BSX	00240
TSW 0.3	03608	ESU 1/ESA 1	00236/00238	DSEL 2	01306	BSX	00240

Other accessories Page

Extension sleeve for HS VH 200 Ref. no. 01349
Cylindrical pipe section, galvanised steel, 15 cm long.

Filters and silencers 481 ff.
shutters and ventilation grilles 561 ff.
Speed controllers, controllers and switches 599 ff.