

RVS 20000H

Data Sheet

Technical Data

RVS 20000H	
Max. air volume on air + material inlet	20,000 m ³ /h
Max. negative pressure	-15 kPa (1,500 mm WG)
Max. positive pressure paper/cardboard	5 kPa
Max. positive pressure - plastic	0 kPa
Motor/Gear	3.0 kW / 11 RPM (50Hz) 13 RPM (60Hz)
Power supply	3 x 230 / 400V (50Hz)
Amps	10.5 / 6.0 A
Perforation in separation screen in the housing	Ø3 mm
Weight	1,250 kg
Material amount (at 100 g/m ² or 100 µ)*	4,000 kg/h*
Max. sound pressure level (1 m from unit, 1 m above floor)	75 dB(A)
Normal operating temperature	-10°C to +50°C
Corrosion protection	Corrosion class C4
Conditions - Installation	Indoors and Outdoors
Approval	Not APEX approved

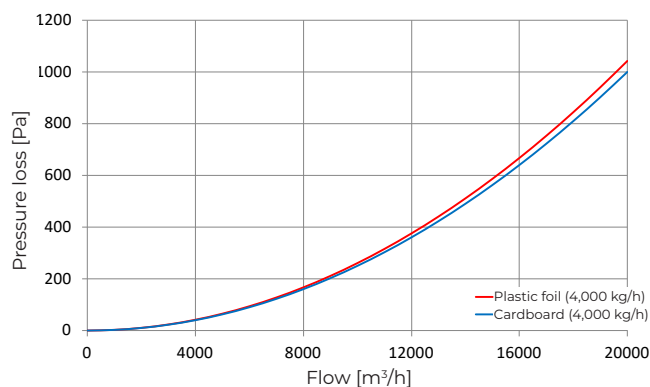
*Material amount is a guideline, a verification from Kongskilde is required.

Max. particle size: Max. length of plastic film and paper piece is 600 mm. For thicker material (> 0,5 mm), max. length is 150 mm (diagonal).

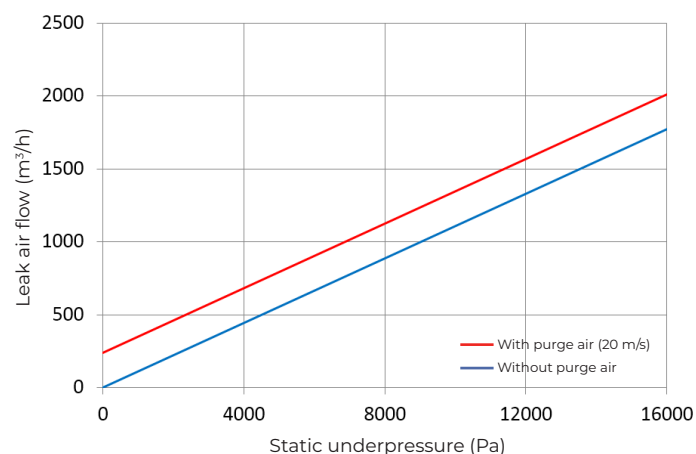
Inlet and Outlet

Transitions for material and inlet air		Transitions for air outlet	
Pipe connection	Length, Surface	Pipe connection	Length, Surface
FK 300	990 mm, painted	FK 300	990 mm, painted
FK 400	990 mm, painted	FK 400	990 mm, painted
FK 500	990 mm, painted	FK 500	990 mm, painted
FK 700	2 mm, painted	FK 700	n/a
FK 300	990 mm, galv.	FK 300	990 mm, galv.
FK 400	990 mm, galv.	FK 400	990 mm, galv.
FK 500	990 mm, galv.	FK 500	990 mm, galv.

Back Pressure Diagram



Air Leakage Diagram

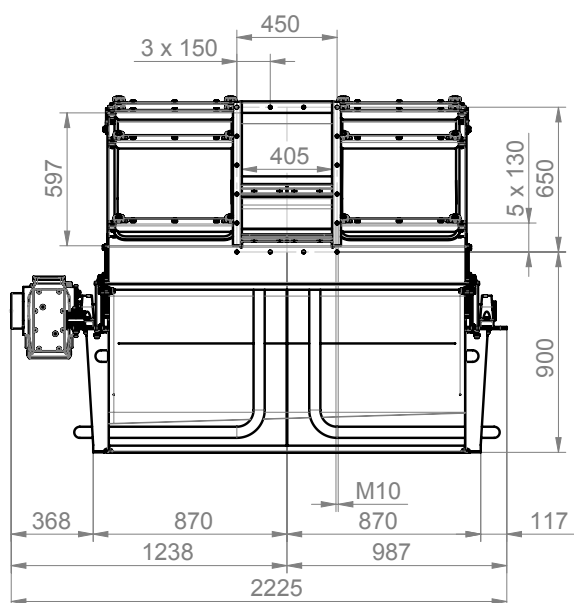


Purge air is used to ventilate the bearing room when running plastic material. The red curve (with purge air) is then used for leakage air when handling plastic material. The blue curve is only used when running paper and cardboard. The leakage air has to be added to the air flow of the separator inlet.

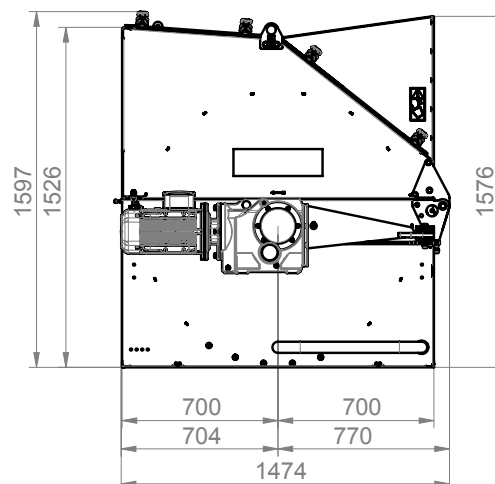


Dimensions RVS 20000H

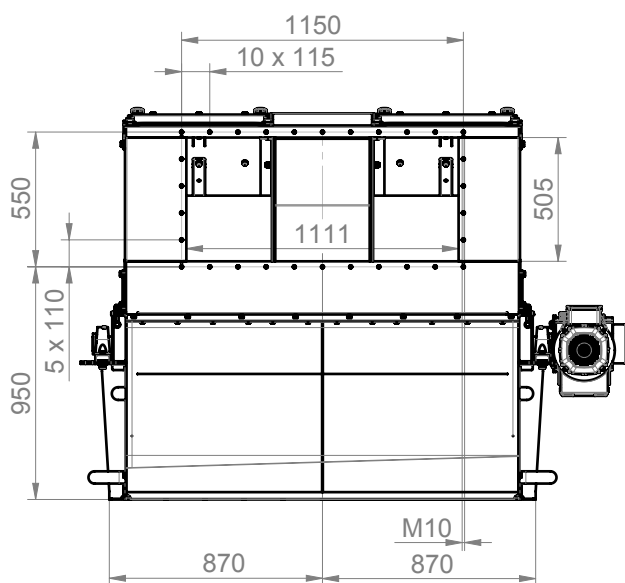
Air and Material Inlet Side



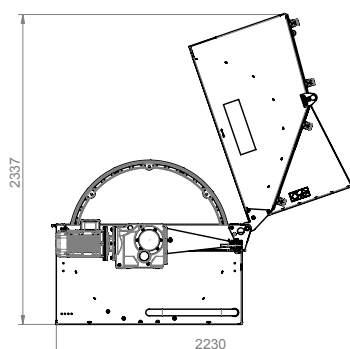
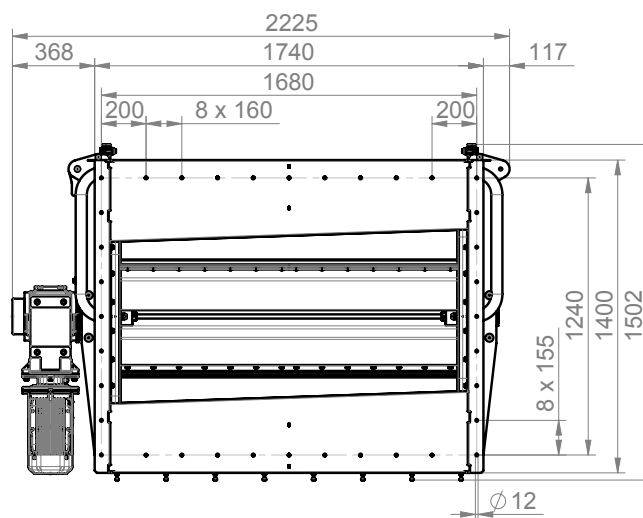
Side View Drive Side



Air Outlet Side



Bottom Material Outlet



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