

Data sheet

Multiair 1000

The Kongskilde Multiair high pressure blower is specially designed to be part of complete pneumatic conveying solutions for industry

In combination with the other Kongskilde industrial products effective conveying systems are tailor-made to the needs of the customer.

The Multiair 1000-series is available with air capacity of up to 2800 m³/h and with a maximum pressure of up to 620 mmWG (6.0 kPa).

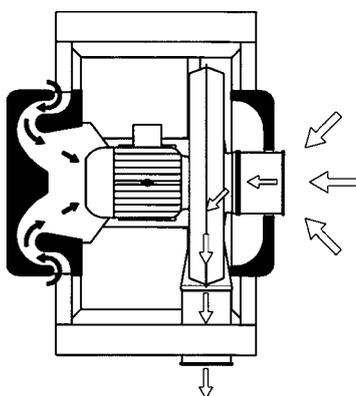
The Kongskilde Multiair is modular built in a specially designed cabinet. The cabinet provides excellent noise insulation and can be placed inside the production area. Furthermore, all the electrical components are IP55 approved, so the Multiair can also be placed outside. The motor is directly coupled to the blower leading to a high efficiency and minimal maintenance.

A special intake for the cooling air for the motor and the air intake of the blower minimizes high frequency noise (whistling), which is normally associated with these areas. The cooling air for the motor is exhausted out through a built in silencer in the bottom part of the blower cabinet, when it has passed the motor.

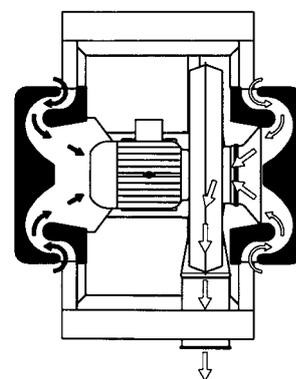
Access for maintenance and repair of the Multiair is easily achieved by removing the side panels, which are each fixed with two screws.



S-version



T-version



Technical Data

The Multiair is available as a pressure blower (T-version) and as a suction blower (S-version).

Multiair type	1020	1040	1055	1075
Motor output [kW] 50 Hz	1.5	3	4	5.5
Rated current 400 V	3.4	6.4	8.2	11.1
Motor rpm	2900	2900	2900	2900
Blower rpm	2900	2900	2900	2900
Heating of air at 1500 m ³ /h °C	2.6	5	6	6
Weight [kg]	161	170	210	220
Sound Pressure Level* dB (A) Distance 1 m	63	66	69	69

*The noise level is measured at 1 m distance from the machine and 1.5 m from the floor. The machine is placed in a free field with OK160 pipe connected to the outlet and the inlet in a standard working situation.

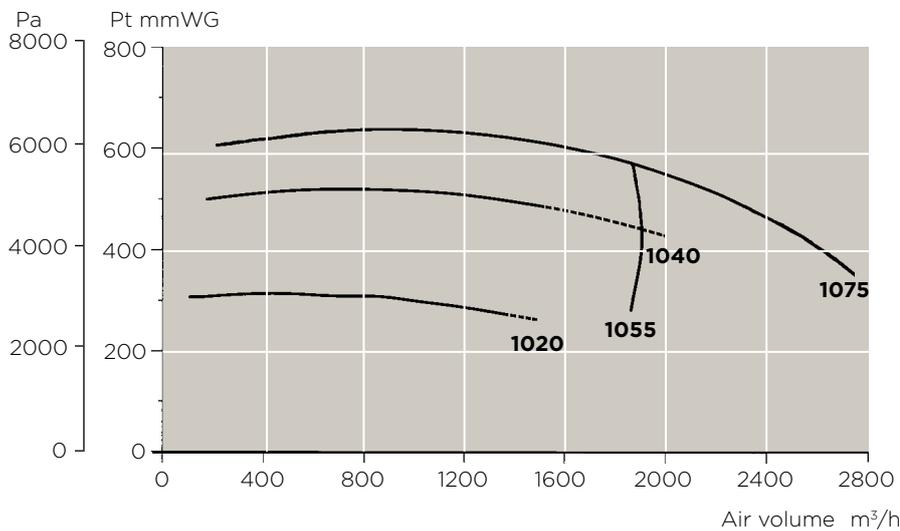
Filter

The filter option is available for Multiair T-versions only.

Filter specifications	
Filter material	Polyester
Weight	150 g/m ²
Thickness	0.6 mm
Max. working temperature	Dry air: 70° C Humid air: 70° C
Filter Class	U(BIA test 8702697/6210)
Filter Area	14.5 m ²

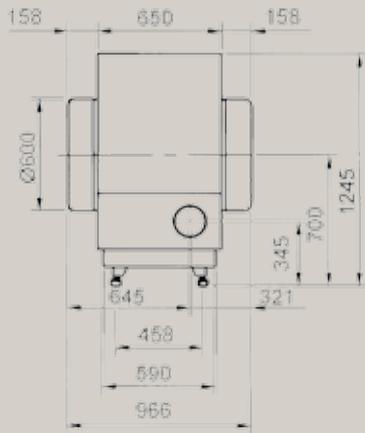
Capacity Curve

Pressure Pt

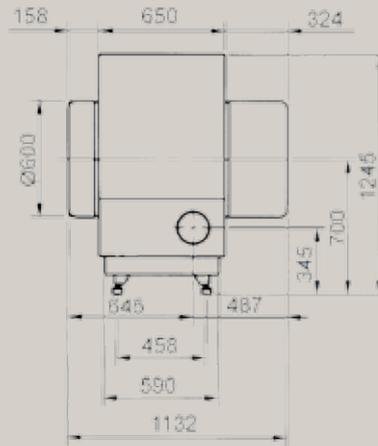


Dimensions

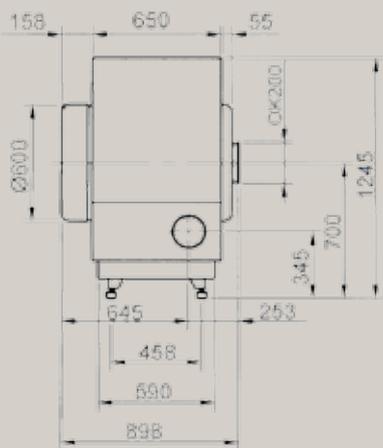
Multiair 1020T/1040T/1075T without air regulation



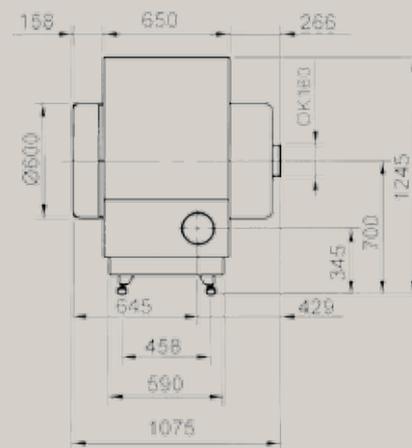
Multiair 1055T with air regulation



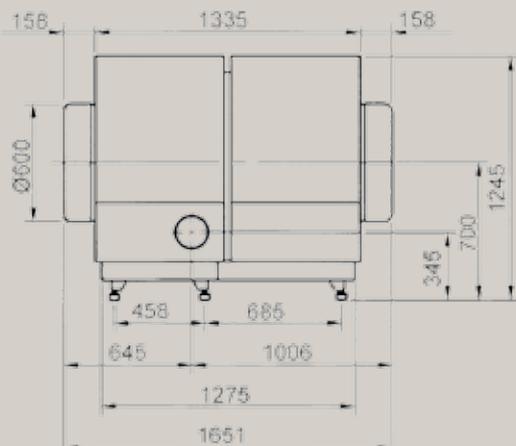
Multiair 1020S/1040S/1075S without air regulation



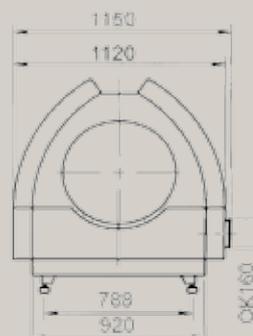
Multiair 1055S with air regulation



Multiair 1020T/1040T/1055T/1075T with filter



Measurements cover all models





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