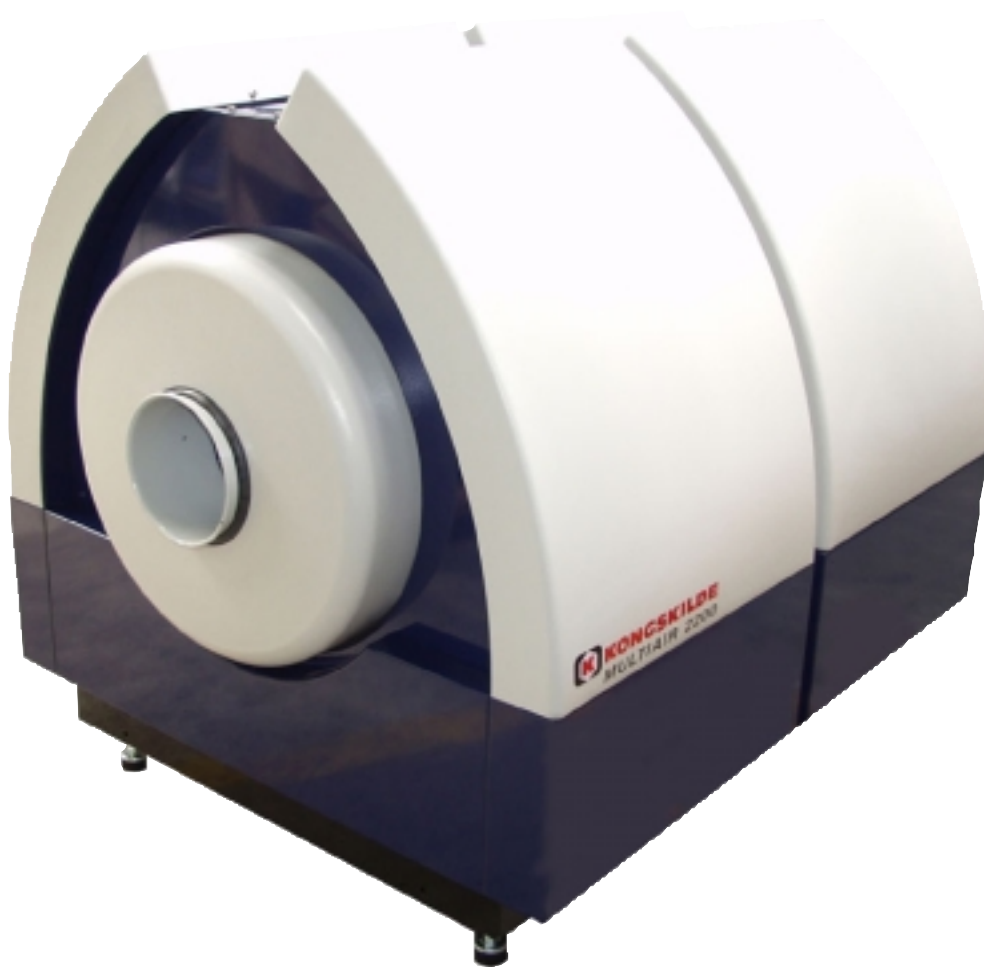


MULTIAIR

2100/2150/2200/2250

Kongskilde
Multiair
2000-series



The Kongskilde range of high pressure Multiair blowers is specifically designed as an integral part of the Kongskilde pneumatic con-

veying range of equipment. The Multiair is used in connection with other Kongskilde equipment in order to convey products from the

plastic, packaging and printing industries.

Multiair 2000

The high efficiency centrifugal blower unit is housed in a standard modular acoustic cabinet providing excellent noise insulation properties and also full weather protection for most outdoor installations.

The air inlets for motor cooling and blower intake are specifically designed to minimize the high fre-

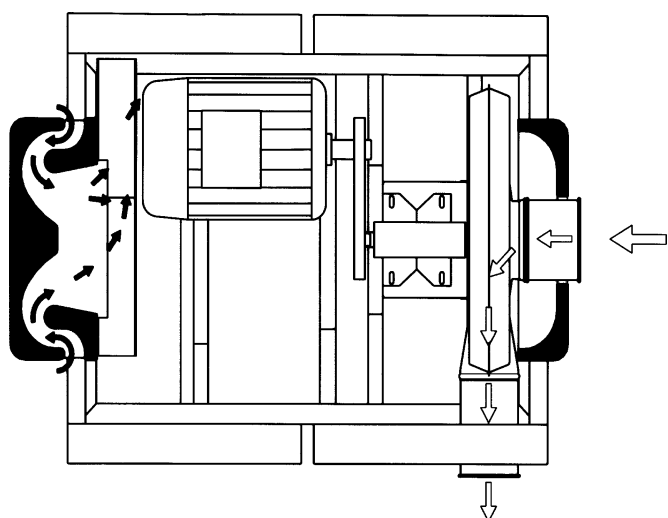
quency (whistling) noise normally associated with these areas.

The cooling fan on the motor pulls the cooling air via a dedicated air intake directly from the outside of the acoustic housing. This cooling air is exhausted from the underside of the acoustic housing.

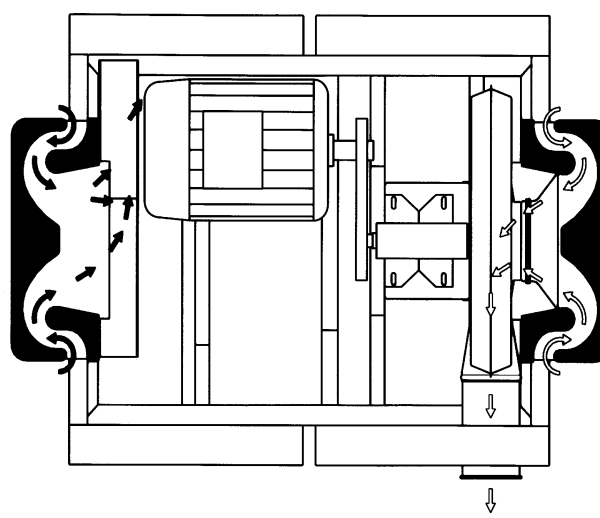
Access for maintenance purposes is achieved by the removal of the side panel/panels, each panel is fixed with two screws.

The blower drive is provided by a flexible poly v-belt transmission reducing vibrations and hence noise emissions.

S version



T version



Technical Data

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

The Multiair 2000 series is standard mounted with:

- Pressure gauge
- Ammeter
- Hour run counter
- Motor starter (Star/Delta)

The filter option is available for Multiair T versions only.

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

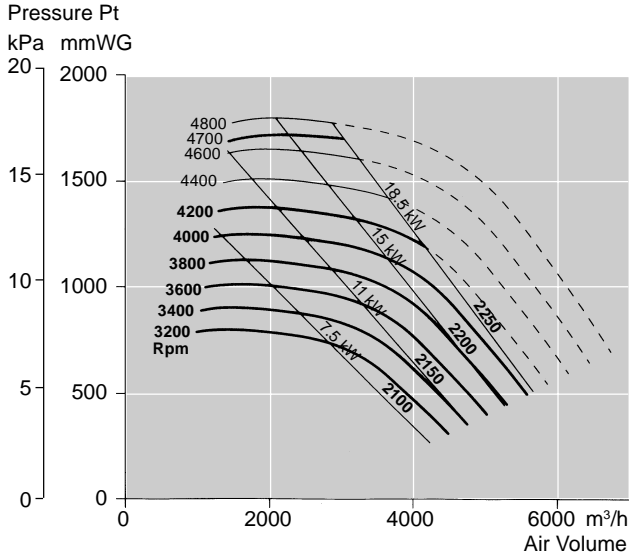
Multiair Type	2100	2150	2200	2250
Motor output [kW] 50 Hz	7.5	11	15	18.5
Rated current 400 V	15.0	21.8	29.4	35.5
Motor Rpm	2900	2900	2900	2900
Blower Rpm	without reg. without reg. without reg. without reg. with reg.	3000 3200 3400 3600	3400 3600 3800 4200	3800 4000 4200 4400 4700
Heating of air at 2000 m ³ /h ° C				
	without reg. with reg.	7 10	8 14	11 20
Weight [kg]	375	399	436	452
Sound Pressure Level* dB (A) Distance 1 m				
S Type	without reg. with reg.	68 72	71 75	73 77
Sound Pressure Level* dB (A) Distance 1 m				
T Type	without reg. with reg.	69 71	71 74	73 77

*The noise level is measured in 1 m distance from the machine and 1.5 m from the floor. The machine is

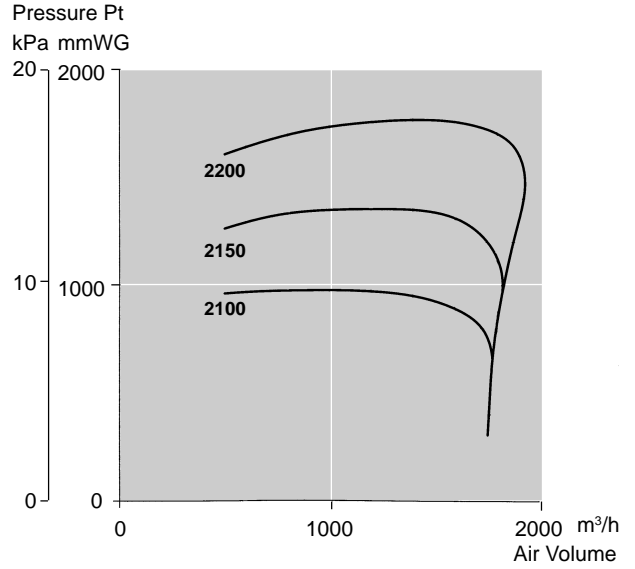
placed in a free area with OK160 pipe connected to the outlet and the inlet in a standard working situation.

Capacity Curves

Without air regulation

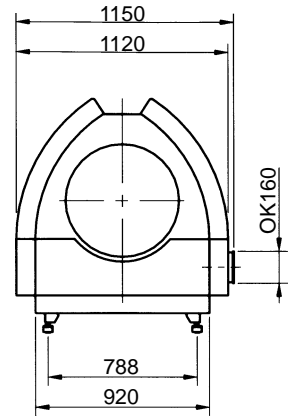
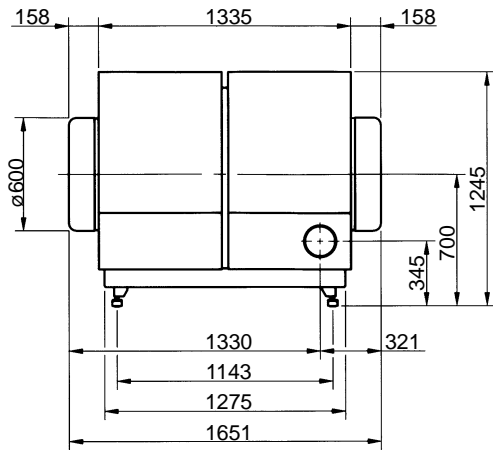


With air regulation

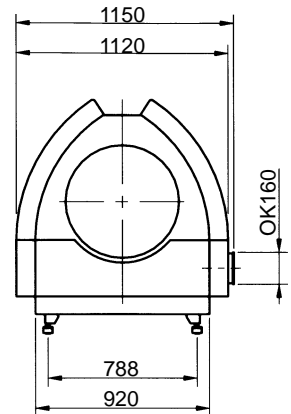
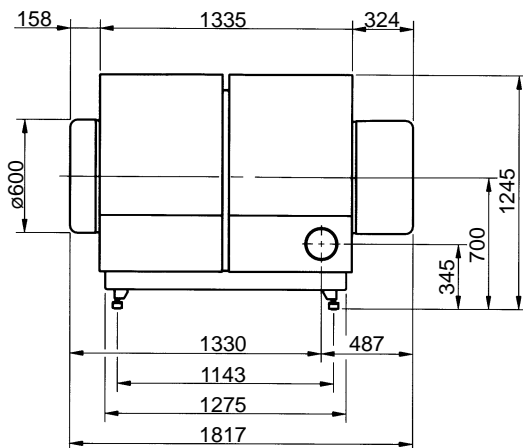


Dimensions

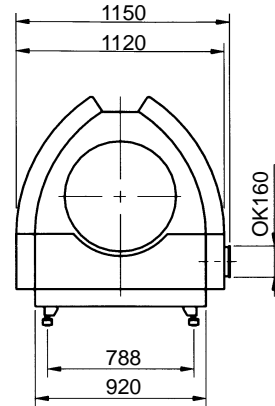
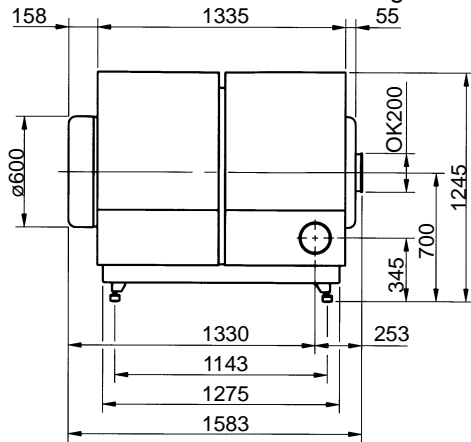
Multiair 2100T/2150T/2200T/2250T without air regulation



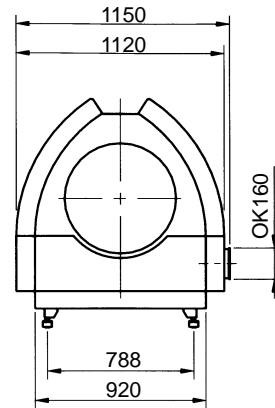
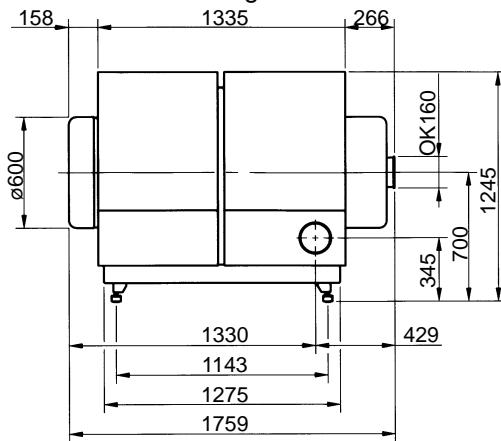
Multiair 2100T/2150T/2200T with air regulation



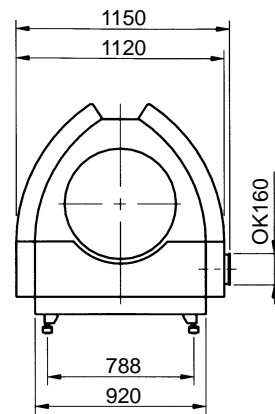
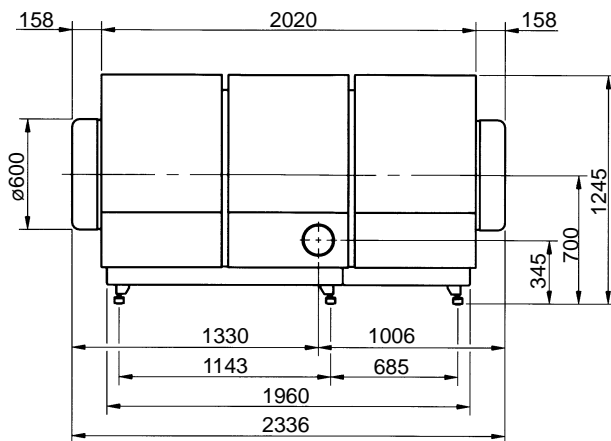
Multiair 2100S/2150S/2200S/2250S without air regulation



Multiair 2100S/2150S/2200S with air regulation



Multiair 2100T/2150T/2200T with Filter



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