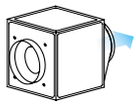
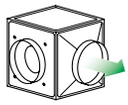
GB 560

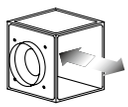




Ⓐ Axial outlet



Ⓡ Centr. outlet

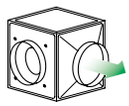


— Centrifugal, free blowing both sides

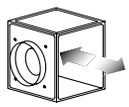
Any installation position and location due to five possible outlet directions.

GB 560 T120





Ⓡ Centr. outlet

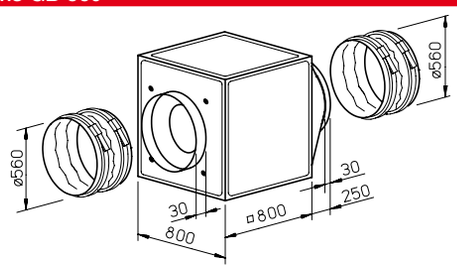


— Centrifugal, free blowing both sides

For the delivery of contaminated, humid and hot air up to max. 120 °C. Motor located outside of air flow.

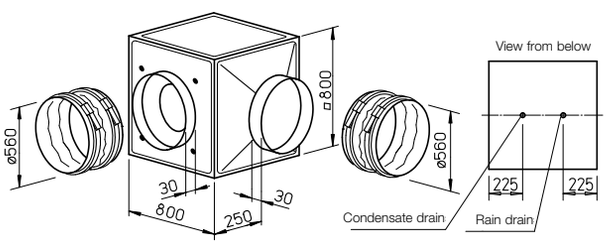
T120

Dimensions GB 560



Dim. in mm

Dimensions GB 560 T120



Dim. in mm

Special features of the GB T120 series

- Designed for the delivery of contaminated, humid and hot air up to max. 120 °C.
- Motor located outside of air flow.
- Thermally insulated partition between motor and impeller, made of galvanised steel sheet, with 20 mm thick, non-flammable mineral wool.
- Complete motor-impeller unit can be removed without dismantling the system components.
- Inspection cover with handle, easily removable for cleaning and maintenance.
- Condensate tray with condensate drain as standard. Hole provided for rain drain (accessories) for outdoor installation.

- **Installation GB T120**
  Installation position with condensate drain below. Flexible installation due to three possible centrifugal outlet directions of the outlet fitting.
  Protected outdoor installation possible with weather protection cover and grille (accessories).

Special features of the GB series

Any installation position and flexible installation due to five possible outlet directions of the outlet fitting. The wall bracket (accessories) must be used for wall installation. Protected outdoor installation possible with weather protection cover and grille (accessories).

Description for both series

- **Casing**
  Self-supporting frame construction made of aluminium hollow profiles. Double-walled, 20 mm thick side panels made of galvanised steel sheet, sound and heat insulated by non-flammable mineral wool lining.
  Nozzle on inlet side for optimal inflow as well as connectors and flexible connecting sleeve (for the respective max. permissible air flow temperature) for duct connection. Moulded part (square to round) on outlet side for low-loss outflow and flexible connecting sleeve to prevent structure-borne noise transmission.
  Simple positioning with standard crane hook.

- **Impeller**
  Free-running high performance centrifugal impeller made of aluminium with backward curved blades, directly driven. Energy-efficient with low noise emission. Dynamically balanced together with the motor in accordance with DIN ISO 21940-11 – quality grade 2.5.

- **Drive**
  Through maintenance-free, speed-controllable external rotor motor or IEC standard motor in protection category IP54. Ball bearing mounted, radio interference-free.

- **Electrical connection**
  Standard terminal box (IP54) on motor; on the motor support plate for GB T120.

Type		Max. flow rate	Rated speed	Case-rad. sound pressure	Power consumption	Current consumption at rated voltage	Current consumption in control mode	Wiring diagram	Max. air flow temperature at Rat. vol.	Max. air flow temperature at Control	Weight net aprx.	Speed controller 5-step with motor prot. circuit breaker		Speed controller 5-step without motor prot. circuit breaker		Mot. prot. circ. break. for connecting built-in thermal contacts	
		V̇ m³/h	min⁻¹	dB(A) in 4m	kW	A	A	No.	+ °C	+ °C	kg	Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
Alternating current, 1~, 230 V, 50 Hz, Capacitor motor, protection category IP54																	
GBW 560/4	05508	9120	1410	45	1.83	7.93	11.1	865	45	45	92	**MWS 10**	01946	**TSW 10**	01498	**MW**[1)]	01579
Two-speed, three-phase current motor, 3~, 400 V, 50 Hz, ⋎/△ connection, protection category IP54																	
GBD 560/6/6	05522	7800/9000	705/885	35	0.51/0.80	0.90/1.85	1.90	867	50	50	80	**RDS 4**	01578	**TSD 3.0**	01502	**MD**	05849
GBD 560/4/4	05521	11500/13000	1110/1350	44	1.70/2.60	2.80/4.80	4.90	867	50	40	90	**RDS 7**	01578	**TSD 7.0**	01504	**MD**	05849
T120 **Two-speed, three-phase current motor, 3~, 400 V, 50 Hz, ⋎/△ connection, protection category IP54**																	
GBD 560/4/4 T120	05778	11520/12300	1250/1400	48	1.85/2.50	3.20/6.80	6.80	520	120	120	105	**RDS 7**	01578	**TSD 7.0**	01504	**MD**	05849

1) Incl. operating switch.