

GB Series

Model Number: **GBW / GBD / Gigabox**



Particularly suited for medium to higher air flow volumes against high resistance in exhaust air systems of process technology or commercial kitchens.

Features Compact frame construction and assembly-friendly accessories make a variable and thus optimal adaptation possible by simply repositioning the casing panels to the structural conditions. With five or (with series T120) three possible discharge directions this gives design flexibility to suit all site conditions. All types have integrated crane hooks for easier positioning as standard. They are particularly suitable for medium to higher air flow volumes against high resistances in ventilation systems of every type. Furthermore, the new series GB.. T120 is suited for extraction of dirty, hot air up to 120°C. **Complete with:**

- Discharge adaptor from square to circular ducted system for low-loss discharge;
- Flexible sleeves to reduce vibration transmission and for the connection to ducts in the usual standard diameters.

Backward curved high output centrifugal impeller guarantees an energy-efficient operation at low noise emission. The double-walled, removable, 20 mm thick side panels are noise and temperature insulated with flame retardant mineral wool. This allows for a variable installation and simple inspection access. Extensive accessories like wall bracket, condensate collector including condensate spigot (for GB.. T120 included in delivery), external weather louvres to cover the exhaust opening and outdoor cover hood for protected outdoor installation ensure for the necessary flexibility on site. For applications with high air flow temperatures and/or steam/humidity present in the exhaust air, the GigaBox T120 is ideally suitable.

Air exhaust / kitchen / multiple discharge.

| Type GB..T120 | Sound Press. Case Breakout | Sound Press. Intake | Air Flow Volume vm^3/s Against Static Pressure | | | | | | | | | | | | | | | |
|---------------|----------------------------|---------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|
| | L_{PA} dB(A) | L_{PA} dB(A) | (ΔP_{stat}) in Pa | | | | | | | | | | | | | | | |
| | | | 0 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 800 | | | |
| GBW250/4 | 27 | 39 | 389 | 319 | 244 | 147 | | | | | | | | | | | | |
| GBW315/4 | 29 | 41 | 414 | 361 | 300 | 236 | | | | | | | | | | | | |
| GBW355/4 | 34 | 46 | 817 | 747 | 675 | 505 | 258 | | | | | | | | | | | |
| GBD355/4/4 | 34 | 46 | 836 | 772 | 711 | 638 | 577 | 492 | 367 | | | | | | | | | |
| GBW400/4 | 38 | 50 | 1142 | 1092 | 1036 | 975 | 917 | 850 | 764 | 656 | 511 | | | | | | | |
| GBD400/4/4 | 38 | 50 | 1097 | 1031 | 961 | 889 | 811 | 725 | 628 | 469 | 114 | | | | | | | |
| GBW450/4 | 40 | 52 | 1514 | 1433 | 1361 | 1292 | 1217 | 1122 | 1006 | 867 | 692 | | | | | | | |
| GBD450/4/4 | 40 | 52 | 1514 | 1431 | 1344 | 1256 | 1161 | 1061 | 947 | 822 | 664 | | | | | | | |
| GBW500/4 | 45 | 57 | 2333 | 2336 | 2139 | 2042 | 1947 | 1850 | 1744 | 1628 | 1506 | 1219 | 778 | | | | | |
| GBD500/4/4 | 44 | 57 | 2458 | 2367 | 2278 | 2189 | 2097 | 2006 | 1903 | 1789 | 1664 | 1369 | 947 | | | | | |
| GBW500/6 | 35 | 46 | 1600 | 1478 | 1347 | 1189 | 978 | 678 | 144 | | | | | | | | | |
| GBD560/4/4 | 44 | 57 | 3497 | 3397 | 3300 | 3203 | 3106 | 3011 | 2911 | 2811 | 2706 | 2461 | 2142 | 1731 | 1144 | | | |
| GBD560/6/6 | 35 | 48 | 2400 | 2261 | 2114 | 1953 | 1767 | 1539 | 1239 | 767 | | | | | | | | |
| GBD630/4/4 | 48 | 61 | 4153 | 4058 | 3961 | 3869 | 3775 | 3683 | 3592 | 3500 | 3403 | 3194 | 2953 | 2675 | 2333 | | | |
| GBD630/6/6 | 43 | 56 | 3192 | 2992 | 2794 | 2567 | 2375 | 2103 | 1767 | 1356 | 792 | | | | | | | |
| GBD710/6/6 | 46 | 59 | 5194 | 4989 | 4783 | 4564 | 4333 | 4083 | 3811 | 3511 | 3178 | 2333 | 753 | | | | | |