



Side channel blower for application at extraction from continuous high-pressure processes, such as cleaning, suction hoses for hand-held tools, welding guns and the like.

Transported air must be filtered with minimum class F9 or dust class M.

**Work area:**

Max. vacuum: 35,000Pa

Max. air volumen: 1,234m³/h

**Temperature:**

Extracted air by side channel blower = max. 40°C

Ambient temperature (min./max.) = -15°C - +40°C

**Construction:**

**Wheel/cabinet:** Cast aluminium cabinet and wheel.

**Bearing:** Life under normal circumstances: 20,000 hours or 3 years

**Motor:** Electro motor made in protection class IP55  
Class F-isolated motor  
IE1 or IE2 motor  
Standard equipped with bimetallic sensor  
Suitable for frequency converter operation

**Side channel blower ...**

- may be used in 50Hz and 60Hz configuration
- uses both transport air as well as external air supply for cooling of blower.
- can be mounted in two directions, either on foot base or directly on blower cabinet.

**Standard 50Hz:**

| Type   | Order no.  | Voltage [VAC] | Sound pressure level [dB] | Weight [kg] | Effect [kW] | Current [Amp] |
|--------|------------|---------------|---------------------------|-------------|-------------|---------------|
| K06-MS | 08 068 100 | 3x400         | 70                        | 37          | 3.0         | 6.3           |
| K08-MS | 08 069 100 | 3x400         | 77                        | 70          | 5.5         | 11.1          |
| K08-MS | 08 071 100 | 3x400         | 77                        | 84          | 7.5         | 15.7          |
| K11-MS | 08 072 100 | 3x400         | 80                        | 95          | 9.2         | 17.8          |
| K11-MS | 08 073 100 | 3x400         | 80                        | 102         | 11.0        | 21.7          |
| K12-MS | 08 074 100 | 3x400         | 85                        | 132         | 18.5        | 36.5          |

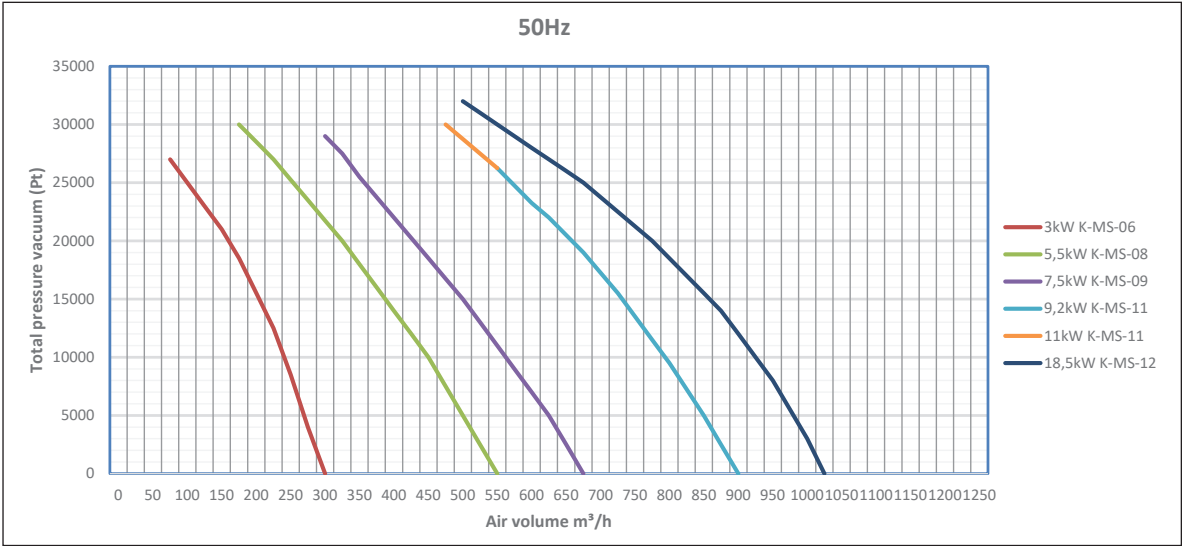
**With additional order no. for 60Hz:**

| Type   | Order no.  | Voltage [VAC] | Sound pressure level [dB] | Weight [kg] | Effect [kW] | Current [Amp] |
|--------|------------|---------------|---------------------------|-------------|-------------|---------------|
| K06-MS | 08 068 100 | 3x400         | 72                        | 37          | 3.5         | 6.2           |
| K08-MS | 08 069 100 | 3x400         | 79                        | 70          | 6.5         | 11.1          |
| K08-MS | 08 071 100 | 3x400         | 79                        | 84          | 9.0         | 15.3          |
| K11-MS | 08 072 100 | 3x400         | 82                        | 95          | 11.0        | 17.9          |
| K11-MS | 08 073 100 | 3x400         | 82                        | 102         | 13.0        | 21.2          |
| K12-MS | 08 074 100 | 3x400         | 87                        | 132         | 22.0        | 36.5          |

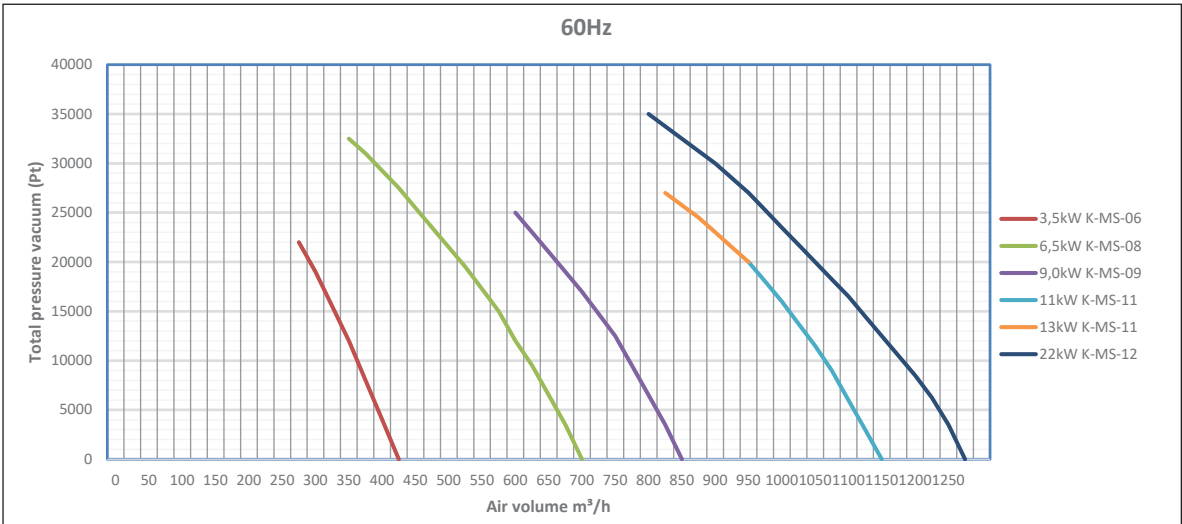
Further is available:

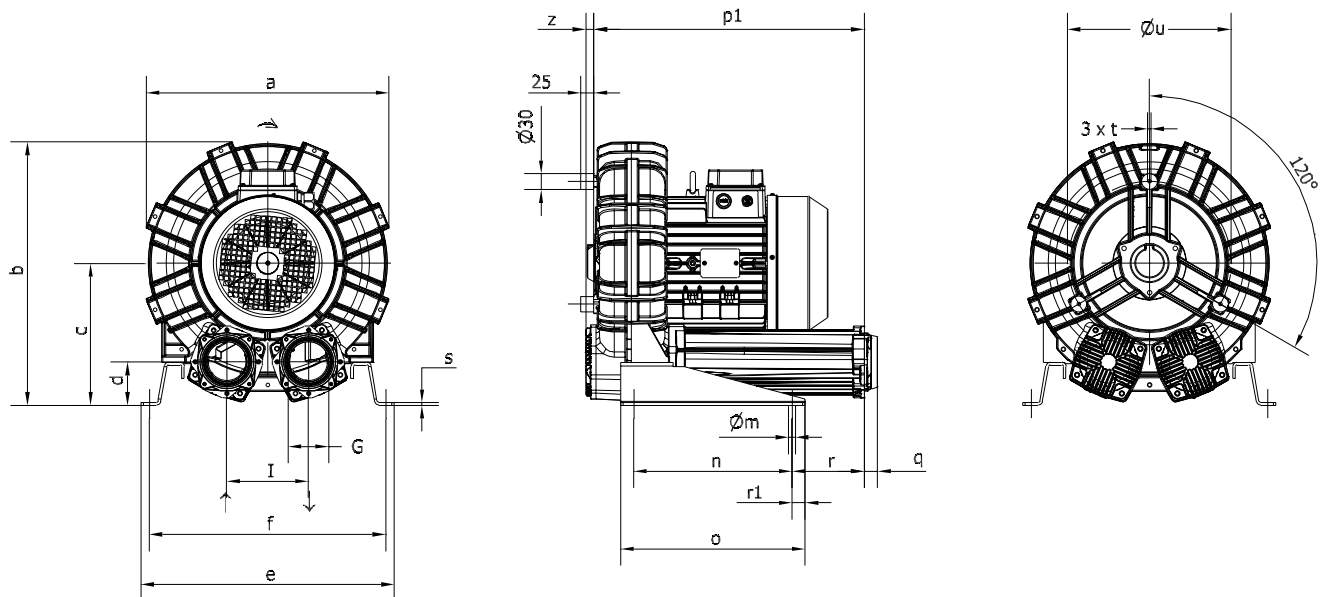
- Vacuum limiter/safety valve type VRL
- Sound enclosure for side channel blower type VB-R

50Hz:



60Hz:





| Type   | Order no.  | a   | b   | c   | d  | e   | f   | G  | l   | m  | n   |
|--------|------------|-----|-----|-----|----|-----|-----|----|-----|----|-----|
| K06-MS | 08 068 100 | 376 | 393 | 205 | 54 | 325 | 290 | 2" | 125 | 15 | 140 |
| K08-MS | 08 069 100 | 457 | 498 | 269 | 82 | 480 | 448 | 3" | 155 | 13 | 300 |
| K08-MS | 08 071 100 | 492 | 561 | 315 | 96 | 510 | 478 | 4" | 182 | 13 | 300 |
| K11-MS | 08 072 100 | 542 | 603 | 332 | 91 | 540 | 508 | 4" | 200 | 13 | 300 |
| K11-MS | 08 073 100 | 542 | 603 | 332 | 91 | 540 | 508 | 4" | 200 | 13 | 300 |
| K12-MS | 08 074 100 | 548 | 606 | 332 | 91 | 540 | 508 | 4" | 200 | 13 | 300 |

| Type   | Order no.  | o   | p1  | q  | r   | r1 | s | t  | u   | z  |
|--------|------------|-----|-----|----|-----|----|---|----|-----|----|
| K06-MS | 08 068 100 | 265 | 334 | 18 | 85  | 19 | 4 | M8 | 240 | 19 |
| K08-MS | 08 069 100 | 350 | 512 | 25 | 137 | 25 | 5 | M8 | 310 | 16 |
| K08-MS | 08 071 100 | 350 | 586 | 25 | 199 | 25 | 5 | M8 | 360 | 16 |
| K11-MS | 08 072 100 | 350 | 596 | 25 | 204 | 25 | 5 | M8 | 390 | 16 |
| K11-MS | 08 073 100 | 350 | 596 | 25 | 204 | 25 | 5 | M8 | 390 | 16 |
| K12-MS | 08 074 100 | 350 | 599 | 25 | 204 | 25 | 5 | M8 | 390 | 16 |