



GREENCO

Data sheet side channel blowers

Series G-4RB



Side channel blowers

Single-phase current 50/60 Hz

Vacuum operation

Types 4RB 210 to 4RB 410

Power range:

output:

Total pressure difference:

Suction capacity:

0,55 to 1,75 kW

to $\Delta p=420$ mbar(P)

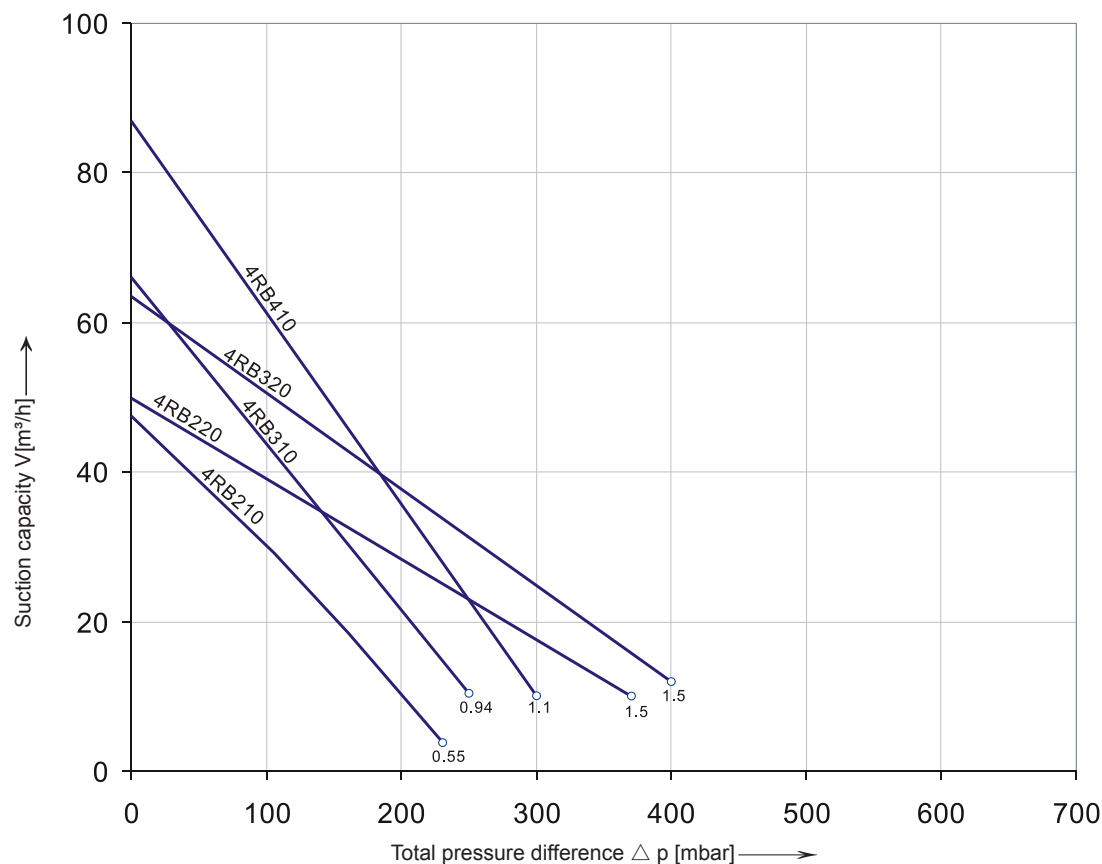
47 to 105 m³/h



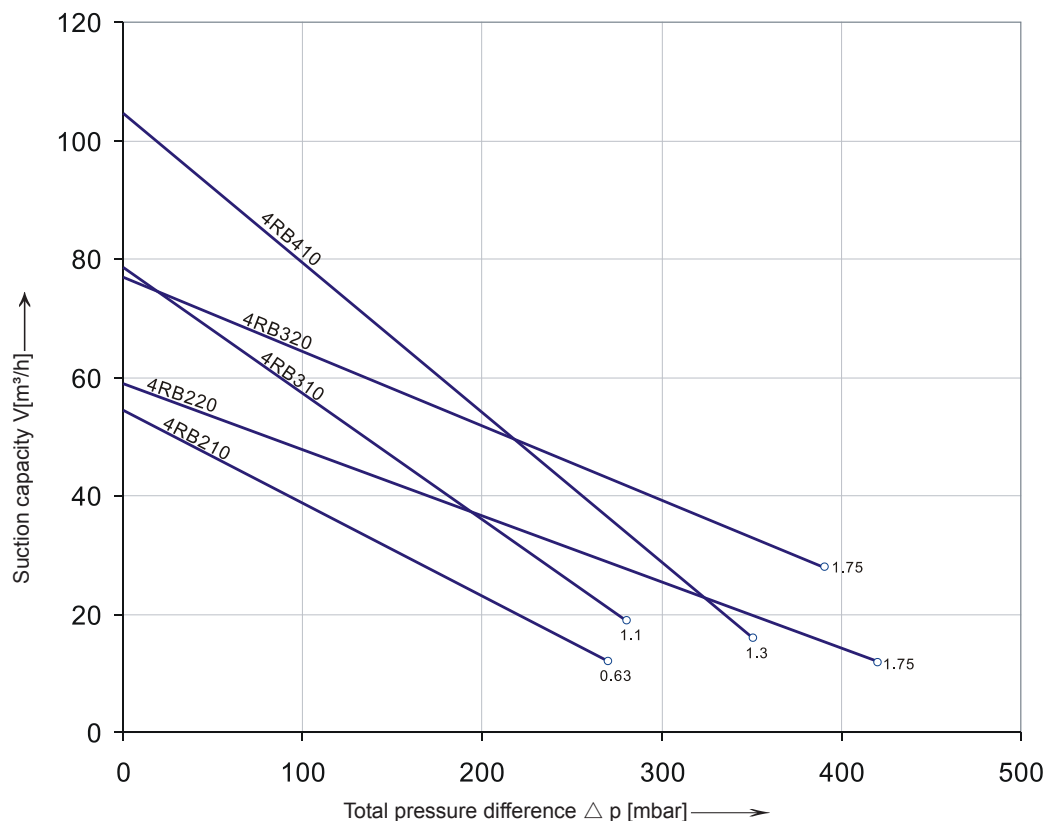
Selection and ordering data

| Order No. | Motor(IP55) | | | | Weight approx. | Sound-pressure level |
|-----------------|-------------|--------|---------|-----------|----------------|----------------------|
| | Fre-quency | output | voltage | current | | |
| | Hz | kW | V | A | kg | dB(A) |
| 4RB 210-0AV75-7 | 50 | 0.55 | 115/230 | 13/3.1 | 18 | 57 |
| | 60 | 0.63 | 115/230 | 14.2/7.1 | | 62 |
| 4RB 220-0AV75-7 | 50 | 1.5 | 115/230 | 19.4/9.7 | 30 | 58 |
| | 60 | 1.75 | 115/230 | 20.6/10.3 | | 62 |
| 4RB 310-0AV71-7 | 50 | 0.94 | 230 | 9 | 18 | 57 |
| 4RB 310-0AV75-7 | 50 | 0.94 | 115/230 | 15.2/7.6 | 18 | 57 |
| | 60 | 1.1 | 115/230 | 18/9 | | 62 |
| 4RB 320-0AV75-7 | 50 | 1.5 | 115/230 | 19.4/9.7 | 32 | 59 |
| | 60 | 1.75 | 115/230 | 20.6/10.3 | | 63 |
| 4RB 410-0AA41-7 | 50 | 1.1 | 230 | 10.1 | 23 | 58 |
| 4RB 410-0AB46-7 | 60 | 1.3 | 230 | 8.3 | 23 | 60 |

50 Hz Selection diagram

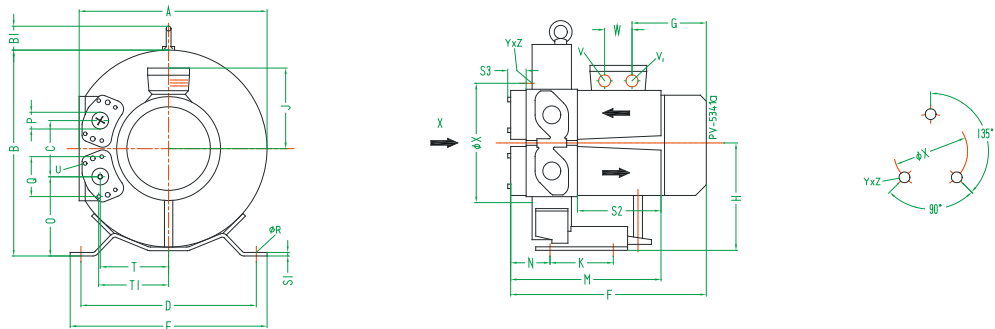


60 Hz Selection diagram



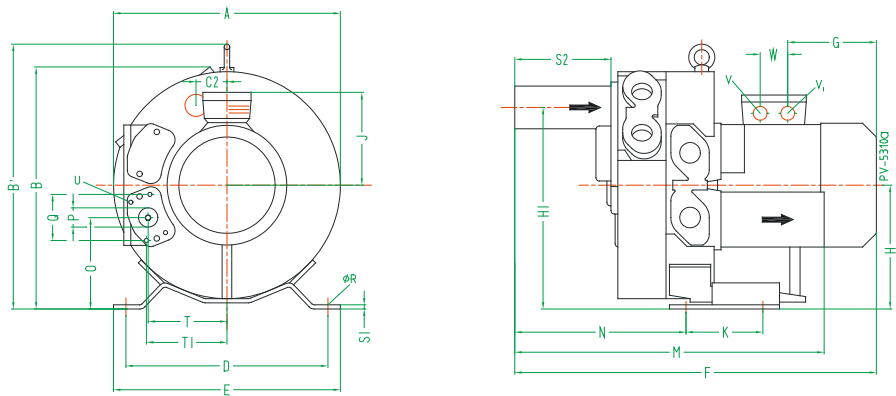
Dimensions [mm]

4RB 210
4RB 310
4RB 410



| Type | Phases | A | B | B1 | C | D | E | F | G | H | J | K | M | N | O | P | Q | ØR | S1 | S2 | S3 | T | T1 | U | V | V1 | W | ØX | YxZ |
|-----------------|--------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|--------------|----|----|----|-----|----|-----|-----|-------|---------|---------|----|-----|-------|
| 4RB 210-0AV75-7 | 1~ | 294 | 319 | 39 | 87 | 260 | 298 | 293 | 129 | 167 | 111 | 105 | 252 | 65 | 124 | G1¼(18 deep) | 64 | 14 | 4 | 140 | 31 | 105 | 107 | M6x17 | M25x1.5 | M16x1.5 | 32 | 153 | M6x15 |
| 4RB 310-0AV71-7 | 1~ | 313 | 339 | | 94 | 290 | 325 | 295 | 153 | 177 | 120 | | 256 | 67 | 130 | | | | | | | 114 | 116 | | | | | | |
| 4RB 310-0AV75-7 | 1~ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4RB 410-0AA41-7 | 1~ | 346 | 375 | 38 | 103 | 315 | 350 | 321 | | 195 | | 130 | 260 | 66 | 143 | | | | | | | 125 | 127 | | | | | 167 | |
| 4RB 410-0AB46-7 | 1~ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

4RB 220
4RB 320



| Type | Phases | A | B | B1 | C2 | D | E | F | G | H | H1 | J | K | M | N | O | P | Q | ØR | S1 | S2 | S3 | T | T1 | U | V | V1 | W |
|-----------------|--------|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|----|-----|-----|-------|---------|---------|----|
| 4RB 220-0AV75-7 | 1~ | 313 | 326 | 359 | 43 | 260 | 298 | 525 | 185 | 167 | 272 | 128 | 105 | 426 | 241 | 123 | G1¼ | 64 | 14 | 4 | 140 | 31 | 105 | 107 | M6x17 | M25x1.5 | M16x1.5 | 32 |
| 4RB 320-0AV75-7 | 1~ | 331 | 345 | 380 | 47 | 290 | 325 | 421 | 185 | 177 | 291 | 128 | | 431 | 243 | 130 | | | | | | | 114 | 116 | | | | |

Performance curves

The performance curves are valid for pumping air at 15 °C at the inlet flanges with an air pressure of 1,013 mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25 °C.

Retention of validity:

Changes in particular the quoted performance curve, data and weights without prior notice. The figures are without obligations.

Sound pressure level:

Measuring surface sound-pressure level acc. to EN 216801, measured at a distance of 1 m. The pump is throttled to a medium inlet pressure, a hose is connected to the discharge side, and a vacuum-relief valve is not fitted.

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