

Engineered for Maximum Performance

# RING BLOWER



# SINGLE STAGE RING BLOWER

An A1 single-stage ring blower uses one impeller stage to generate air or gas flow efficiently. It's commonly used in applications like aeration and vacuum systems. Known for its compact design, energy efficiency, and low maintenance, it provides reliable performance.



| MODEL          | POWER  | DISPLACEMENT  | VACUUM   | PRESSURE | PRESSURE (PSI) | SOUND | WEIGHT | MOTOR AMP |
|----------------|--------|---------------|----------|----------|----------------|-------|--------|-----------|
| A1-TB-1-25     | 0.25HP | 80m3/47CFM    | -120mbar | 120mbar  | 1.74 PSI       | 53 DB | 9 KG   | 1.5       |
| A1-TB-1-80     | 0.5HP  | 80m3/47CFM    | -130mbar | 140mbar  | 2.03 PSI       | 62 DB | 12 KG  | 1.5       |
| A1-TB-1-145    | 1.0HP  | 145m3/85CFM   | -150mbar | 160mbar  | 2.32 PSI       | 63 DB | 14 KG  | 2.2       |
| A1-TB-1-210F   | 1.25HP | 210m3/123CFM  | -110mbar | 100mbar  | 1.45 PSI       | 65 DB | 20 KG  | 2.4       |
| A1-TB-1-210L   | 1.5HP  | 210m3/123CFM  | -170mbar | 170mbar  | 2.46 PSI       | 64 DB | 22 KG  | 2.4       |
| A1-TB-1-210    | 2.0HP  | 270m3/123CFM  | -190mbar | 200mbar  | 2.90 PSI       | 70 DB | 23 KG  | 4.3       |
| A1-TB-1-270    | 3.0HP  | 320m3/188CFM  | -230mbar | 250mbar  | 3.91 PSI       | 67 DB | 27 KG  | 5.6       |
| A1-TB-1-320V   | 4.0HP  | 400m3/235CFM  | -270mbar | 290mbar  | 4.20 PSI       | 69 DB | 37 KG  | 7.2       |
| A1-TB-1-400    | 5.0HP  | 530m3/312CFM  | -290mbar | 330mbar  | 4.78 PSI       | 77 DB | 40 KG  | 9.2       |
| A1-TB-1-530    | 7.5HP  | 530m3/312CFM  | -300mbar | 320mbar  | 4.64 PSI       | 80 DB | 62 KG  | 12.9      |
| A1-TB-1-530P   | 10HP   | 1050m3/618CFM | -320mbar | 380mbar  | 5.51 PSI       | 82 DB | 68 KG  | 16.7      |
| A1-TB-1-1050   | 11HP   | 1050m3/618CFM | -210mbar | 210mbar  | 3.04 PSI       | 77 DB | 93 KG  | 18.2      |
| A1-TB-1-1050P  | 16.5HP | 1050m3/618CFM | -280mbar | 270mbar  | 3.91 PSI       | 80 DB | 116 KG | 28.2      |
| A1-TB-1-1050HP | 24.5HP | 1050m3/618CFM | -340mbar | 460mbar  | 6.67 PSI       | 82 DB | 126 KG | 37.2      |

## SALIENT FEATURES

- ✦ High Efficiency - Energy Saving, Powerful Performance
- ✦ Low Noise - Quiet Operation, Minimal Sound Levels
- ✦ Continuous Airflow - Consistent, Reliable Air Delivery
- ✦ Easy Maintenance - Simple Servicing, Low Upkeep
- ✦ Quick Installation - Fast Setup, Minimal Downtime

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# DOUBLE STAGE RING BLOWER

An A1 double-stage ring blower uses two stages of impeller rotation to generate higher pressure and flow rates. It's ideal for applications requiring higher performance, such as pneumatic conveying and vacuum systems. Known for efficiency, durability, and low maintenance, it ensures smooth and reliable operation.



| MODEL           | POWER | DISPLACEMENT   | VACUUM   | PRESSURE | PRESSURE (PSI) | SOUND | WEIGHT | MOTOR AMP |
|-----------------|-------|----------------|----------|----------|----------------|-------|--------|-----------|
| A1-TB-DS-88     | 1.0HP | 88m3/52CFM     | -210mbar | 240mbar  | 3.84 PSI       | 55 DB | 14 KG  | 2.2       |
| A1-TB-DS-150    | 2.0HP | 150m3/89CFM    | -280mbar | 280mbar  | 4.06 PSI       | 66 DB | 24 KG  | 4.3       |
| A1-TB-DS-150V   | 3.0HP | 150m3/89CFM    | -330mbar | 440mbar  | 6.38 PSI       | 66 DB | 27 KG  | 5.6       |
| A1-TB-DS-230V   | 3.0HP | 230m3/135CFM   | -290mbar | 360mbar  | 5.22 PSI       | 72 DB | 35 KG  | 5.6       |
| A1-TB-DS-230    | 4.0HP | 230m3/135CFM   | -340mbar | 410mbar  | 5.94 PSI       | 72 DB | 39 KG  | 7.2       |
| A1-TB-DS-230P   | 5.0HP | 230m3/135CFM   | -390mbar | 490mbar  | 7.10 PSI       | 72 DB | 45 KG  | 10        |
| A1-TB-DS-320V   | 7.5HP | 320m3/188CFM   | -440mbar | 500mbar  | 7.25 PSI       | 73 DB | 70 KG  | 13.3      |
| A1-TB-DS-320P   | 10HP  | 320m3/188CFM   | -440mbar | 570mbar  | 8.26 PSI       | 73 DB | 77 KG  | 16.7      |
| A1-TB-DS-520    | 15HP  | 520m3/317CFM   | -430mbar | 660mbar  | 9.57 PSI       | 74 DB | 123 KG | 28        |
| A1-TB-DS-1110P  | 27HP  | 1110m3/653CFM  | -440mbar | 500mbar  | 7.25 PSI       | 74 DB | 204 KG | 40        |
| A1-TB-DS-1110HP | 33HP  | 1110m3/653CFM  | -440mbar | 590mbar  | 8.55 PSI       | 74 DB | 211 KG | 52        |
| A1-TB-DS-2050   | 27HP  | 2050m3/1206CFM | -250mbar | 2300mbar | 3.33 PSI       | 75 DB | 230 KG | 40        |
| A1-TB-DS-2050P  | 33HP  | 2050m3/1206CFM | -310mbar | 280mbar  | 4.06 PSI       | 75 DB | 235 KG | 52        |

## SALIENT FEATURES

- ◆ Dual-Stage Design - Provides Increased Pressure and Vacuum Capabilities
- ◆ Low Noise - Quiet Operation, Minimal Sound Levels
- ◆ High Airflow Capacity - Efficient Air Movement and Pressure
- ◆ Easy Maintenance - Simple Servicing, Low Upkeep
- ◆ Compact and Lightweight - Saves Space in Installations.

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# APPLICATIONS



- ✦ Sewage Treatment
- ✦ Effluent Treatment
- ✦ Wastewater Treatment
- ✦ Chemical Plant
- ✦ Electroplating
- ✦ Aquaculture
- ✦ Paper Plant
- ✦ Yarn Drying
- ✦ Pneumatic Conveying
- ✦ Hatchery
- ✦ Pharmaceuticals



## A1 BLOWERS INDIA PRIVATE LIMITED

Plot No. 19 & 20, Sector-56, Phase-4, HSIIDC, Kundli Industrial Area, Sonipat, Haryana - 131028 

info@a1blowers.com, sales@a1blowers.com 

+91 9871243920, +91 7065573845 

www.a1blowers.com 

