



Jet Blowers are advanced centrifugal blowers designed to operate at speeds up to 100,000 RPM three times faster than conventional turbo blowers. Featuring a patented ultra-high-speed motor, Sprintex Jet Blowers are smaller, lighter, and quieter than even the latest turbo models.

## G15 Jet blower Series

- G15-4kW-30kPa High Flow
- G15-4kW-40kPa High Pressure
- G15-7.5kW-30kPa High Flow
- G15- 7.5kW-40kPa High Pressure



### Smart Aeration Solutions Benefits:

- **Energy Efficiency:** The G15 Jet blower delivers over 50% energy savings vs existing industry blowers.
- **Intelligent Control:** Features an integrated touchscreen for autonomous, smart operation, enhancing system management and efficiency.
- **Quiet Operation:** Remarkably quiet, bid farewell to unbearable noise & create a more pleasant work environment.
- **Durability and Easy-maintenance:** Offers an impressive two-year maintenance-free period. Self-service in with a quick, 10-minute self-service option available through the SAS maintenance kit.

## G25 New Gen Jet blower Series

- G25 - 25kW - 100kPa
- G25 - 37kW - 100kPa



### G25 Jet Blower: Pioneering Efficiency and Reliability:

- **Exceptionally Energy-efficient:** Outperforms up to 20% energy savings vs. Industry Turbo/ Twin Lobe Blowers.
- **Unsurpassed Durability:** Extends to an impressive maintenance free lifespan of 5 years.
- **Super Intelligent:** Enables unmanned operation with integrated touch screen and programmed controlled active valves for anti-surge and anti-choke.
- **Remarkably Quiet:** Bid farewell to unbearable noises.
- **Ultra-high-Power Density:** Resulting in a total weight of only 150kg for the 37kW system.

**Advantages:**

- Sprintex Jet Blowers are ultra high-speed blowers
- Ranging from 80,000 – 100,000 rpm
- 3x Faster than Turbo Blowers
- More Air, Less Energy
- Patented Flat Wire Motor
- Surge Protection Monitoring
- Adaptive Control Interface
- Smart Pulse Aeration Technology
- Cutting Edge Convertor

**Applications:**

- Wastewater treatment
- Fishery Aquaculture
- Food & Pharmaceutical Industry
- Textile Printing & Dyeing Industry
- Yeast Fermentation Industry
- Electronics Industry
- General clean air supply for productions

**Operational Efficiency Comparison:**

Comparison	Side Channel Blower	Sprintex G15
Number of Blowers	1	1
Pressure Outlet (kPa)	123	123
Flow (m <sup>3</sup> /min)	3.8	3.8
Operation Power (kW)	5.5	1.9
Total Power Consumption (kWh) per Year (8400hr)	46,200	15,960
Total Average Energy Cost (INR 10/kWh)	INR 4,62,000	INR 159,000
Total Cost Saving per Year (INR)	-	<b>INR 3,03,000</b>

**Case study:**

- Food factories use air knives for drying and cooling, in China we replaced 20kW Side Channels Blowers with 7.5kw (6kW consumption) G15 Jet Blowers.
- This air knife for garments drying: 2 G15 Jet Blower to replace 2 SCBs (side channel blowers)
- 1x 7.5KW (actual 6KW consumption) for 1x 18.5KW, and 1x 7.5kW (actual 6KW consumption) for 1x 22KW
- They have 62 machines running 24 hours a day, and they are projecting an annual saving of 6,000,000 RMB in Chinese Yuan of electricity if they switch to our machines. Approx USD \$ 850,000/ INR 7 Cr.

