

ENGINEERED FOR EXCELLENCE

INDUSTRIAL SCREW AIR COMPRESSORS

Reliable and Energy Efficient Compressed Air Solutions
for every industrial application — Auto, Pharma,
Textile, Food Processing & beyond.

POWER RANGE

5.5 KW – 220 KW

7.5 HP – 300 HP

PRESSURE

7 – 13 BAR

Working Pressure

AVAILABLE IN

VARIABLE FREQUENCY DRIVE

AVAILABLE IN

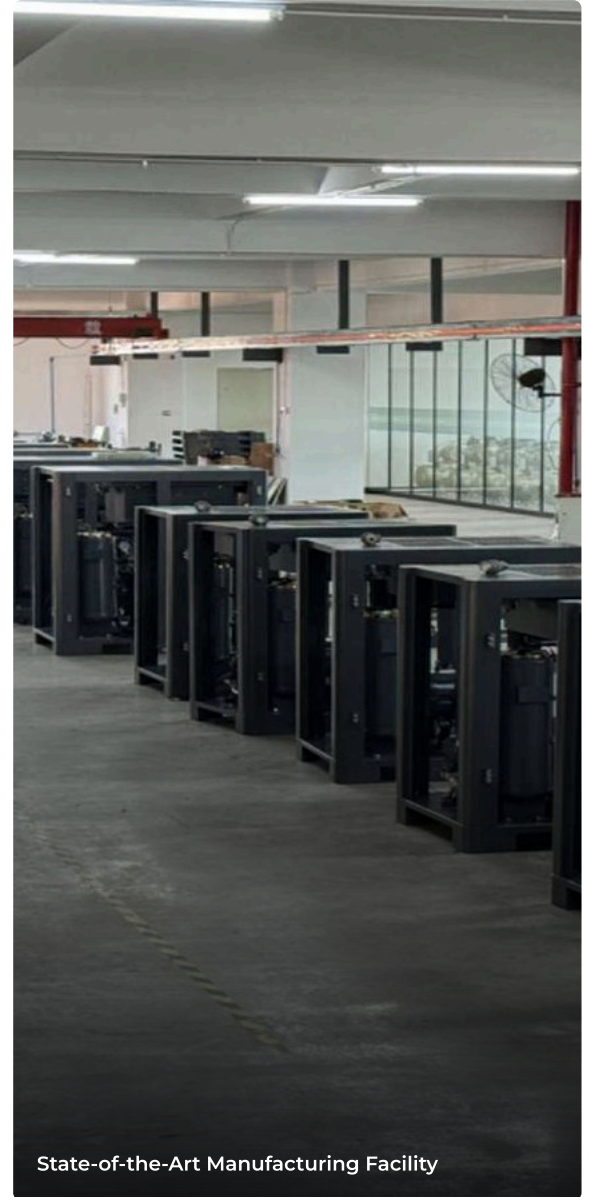
FIXED SPEED DRIVE

ABOUT
OUR COMPANY

Founded in 2010, KassFlow is a leading manufacturer, exporter, and supplier of Industrial Screw Air Compressors, Air Dryers, Vacuum Pumps, and Spare Parts — based in Bawana Industrial Area, New Delhi. We deliver precision-engineered compressed air solutions designed to meet the rigorous demands of modern industry.

Our compressors are built to European quality standards and are suitable for a wide spectrum of industries including Automobile, Pharmaceuticals, Textiles, Sugar Mills, Chemical Plants, Steel Plants, Glass Industries, Cement Plants, Food Processing, and Gas Generation facilities.

With an in-house Testing Lab, CNC Machining Centres, and state-of-the-art manufacturing infrastructure, KassFlow guarantees that every unit delivered exceeds expectations in performance, reliability and energy efficiency. Our dedicated Sales & Service Network ensures total upkeep across the country.

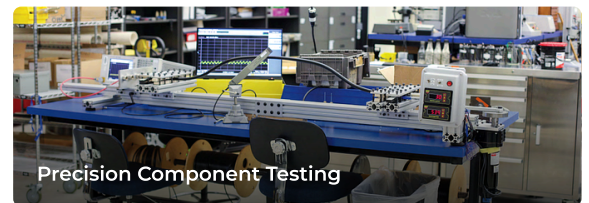


State-of-the-Art Manufacturing Facility

14+ YEARS EXPERIENCE	500K+ PROJECTS DONE	20+ COUNTRIES SERVED	24/7 SERVICE SUPPORT
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INDUSTRIES WE SERVE

 AUTOMOBILE	 PHARMA	 TEXTILE	 FOOD & BEVERAGE
 CHEMICAL	 CONSTRUCTION	 SUGAR MILLS	 STEEL PLANTS



Precision Component Testing

WORKS ADDRESS

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ENGINEERED FOR EXCELLENCE

Every component optimized for reliability, efficiency & long-term cost savings

LOW SPEED DIRECT DRIVE SCREW ELEMENT

Precision-engineered for durability

- Direct drive design — no belt slippage, maximum efficiency
- Helical gear pair provides smooth, vibration-free operation
- Optimized compression profile reduces heat generation



TOUCH SCREEN CONTROLLER

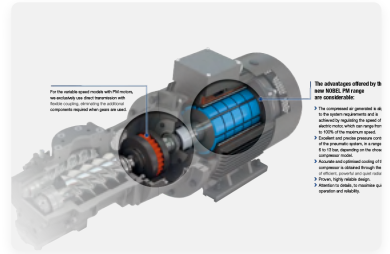
Real-time monitoring & diagnostics

- 7" full-color capacitive display with intuitive interface
- Real-time energy monitoring & consumption tracking
- Automatic fault detection with error code logging

HIGH EFFICIENCY IE4 PERMANENT MAGNET MOTOR

Industry-leading energy performance

- IE4 efficiency rated — 15–20% less power than conventional motors
- Permanent magnet rotor for instant full-load torque delivery
- IP55 protection class — sealed against moisture & dust ingress



ENERGY EFFICIENT VFD DRIVE

Save up to 35% energy costs annually

- Variable Frequency Drive matches motor speed to real-time air demand
- Soft-start & soft-stop protects mechanical components from shock
- Built-in safety: overload, phase-loss, voltage & current protection

HIGH EFFICIENCY COMBI COOLER

Operates reliably up to 48 °C ambient

- Oversized aluminum bar-plate heat exchanger — maximum cooling capacity
- Integrated air & oil cooling in single compact unit
- Thermostatic valve maintains oil temp at optimal 58–65 °C range



STAINLESS STEEL PIPING

Zero rubber hoses, maximum durability

- All internal connections use welded stainless steel piping
- Eliminates hose failures & oil leaks — extends service life by 50%
- Seamless SS tubing resists corrosion in humid industrial environments

TECHNICAL SPECIFICATIONS FOR
VFD COMPRESSORS

VARIABLE FREQUENCY DRIVE

Compressor Model	FAD (CFM) @ 8 BAR	FAD (CFM) @ 10 BAR	FAD (CFM) @ 13 BAR	Noise Level dB(A)	Motor HP / KW	Compressor Size L×W×H (mm)	Outlet (Inches)
KF 10 VFD	19.6 – 42.9	19.6 – 35.7	19.2 – 29.6	64	10 / 7.5	920 × 650 × 1050	¾"
KF 15 VFD	27.3 – 70.2	27.3 – 58.8	27.3 – 53.2	66	15 / 11	1320 × 800 × 1320	1"
KF 20 VFD	26.3 – 92.2	26.3 – 79.6	25.8 – 70.1	66	20 / 15	1320 × 800 × 1320	1"
KF 25 VFD	47.2 – 117.1	47.2 – 98.6	47.2 – 87.2	67	25 / 18.5	1320 × 900 × 1500	1"
KF 30 VFD	52.8 – 134.0	52.8 – 115.9	52.0 – 102.5	67	30 / 22	1320 × 900 × 1500	1"
KF 40 VFD	79.6 – 199.2	79.6 – 177.8	79.6 – 162.0	70	40 / 30	1500 × 1000 × 1450	1½"
KF 50 VFD	97.6 – 244.0	97.6 – 222.6	97.6 – 204.2	70	50 / 37	1400 × 1000 × 1580	1½"
KF 60 VFD	112.8 – 282.0	112.8 – 252.4	110.8 – 223.2	71	60 / 45	1500 × 1000 × 1450	1½"
KF 75 VFD	143.2 – 358.0	143.2 – 324.6	141.6 – 286.4	73	75 / 55	1800 × 1210 × 1830	2"
KF 100 VFD	191.5 – 478.8	143.2 – 424.0	190.0 – 362.4	73	100 / 75	1800 × 1210 × 1830	2"
KF 120 VFD	208.0 – 594.0	208.0 – 516.0	202.0 – 472.0	74	120 / 90	2420 × 1540 × 2040	3"
KF 150 VFD	244.8 – 698.2	244.8 – 610.0	242.0 – 538.6	74	150 / 110	2770 × 1890 × 1940	3"
KF 180 VFD	292.0 – 832.4	292.0 – 682.8	290.2 – 592.6	75	180 / 132	2650 × 1800 × 1850	3"

Power Requirement: (PH/V/HZ) 3/400/50

Noise Level Tolerance: 3 dB (A)

Capacity Measured: as per ISO 1217 Annexure C, Edition 3

Note: Due to continuous product upgradation, specifications may change without prior notice.

FAD = Free Air Delivery. All dimensions L × W × H in millimeters.

35%

 Energy Savings
vs Fixed Speed

8000h

 2 Year /
Free Service

6 Yr

 Screw Element
Life Guarantee

48°C

 Max Ambient
Temperature

TECHNICAL SPECIFICATIONS FOR

FIXED SPEED COMPRESSORS

FIXED SPEED DRIVE

Compressor Model	FAD (CFM) @ 8 BAR	FAD (CFM) @ 10 BAR	FAD (CFM) @ 13 BAR	Noise Level dB(A)	Motor HP / KW	Compressor Size L×W×H (mm)	Outlet (Inches)
KF 10 FS	42.2	36.0	28.2	67	10 / 7.5	800 × 660 × 1050	¾"
KF 15 FS	69.4	58.0	52.8	69	15 / 11	1320 × 800 × 1320	1"
KF 20 FS	90.7	76.2	68.9	69	20 / 15	1320 × 800 × 1320	1"
KF 25 FS	114.2	96.8	85.4	71	25 / 18.5	1320 × 800 × 1320	1"
KF 30 FS	132.0	114.2	100.8	71	30 / 22	1320 × 800 × 1320	1"
KF 40 FS	198.2	175.8	160.4	71	40 / 30	1500 × 1000 × 1450	1½"
KF 50 FS	242.4	213.8	193.0	72	50 / 37	1500 × 1000 × 1450	1½"
KF 60 FS	280.6	236.3	211.2	72	60 / 45	1500 × 1000 × 1450	1½"
KF 75 FS	358.0	324.0	260.8	73	75 / 55	1800 × 1150 × 1650	2"
KF 100 FS	477.2	412.6	342.2	73	100 / 75	2000 × 1210 × 1750	2"
KF 120 FS	594.0	506.0	472.0	75	120 / 90	2170 × 1930 × 1570	3"
KF 150 FS	698.0	588.0	539.0	75	150 / 110	2920 × 1990 × 1780	3"
KF 180 FS	832.0	682.0	578.0	76	180 / 132	2800 × 1900 × 1690	3"

Power Requirement: (PH/V/HZ) 3/400/50

Noise Level Tolerance: 3 dB (A)

KF 10/15 FS: Belt Drive | **KF 20 FS onwards:** Direct Drive

Capacity Measured: as per ISO 1217 Annexure C, Edition 3

Noise Level: checked per ISO2151 and IS12998

Note: Specifications subject to change without prior notice.

WHEN TO CHOOSE FIXED SPEED

- Consistent, steady air demand
- Simple, proven technology
- High-duty cycle operations (>85%)
- Lower initial investment cost
- Minimal load variation in process
- Easy local service & maintenance

2 Yr Warranty

8000h Free Service

30,000h AMC Contract



Screw Air Compressors



Refrigerated Air Dryers



Air Receivers

WHY KASSFLOW

- ⌚ **European Quality Standards**
CE-marked components, ISO 9001:2015 certified manufacturing.
- 🕒 **2 Yr / 8,000 Hr Warranty**
Best-in-class warranty — free service & consumables included.

WHY CHOOSE US

- ⌚ **Up to 35% Energy Saving**
IE4 motors & VFD drives slash energy bills from day one.
- 🌐 **Nationwide Service Network**
Dedicated engineers across India for fast on-site response.

CONTACT

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