

— SAF SERIES 7.5KW - 250KW

FIXED-SPEED

SCREW AIR COMPRESSOR

SINGLE STAGE

STRONG. RELIABLE. AFFORDABLE. BUILT TO LAST.

At Supa-Air, we do more than build compressors. We engineer them to thrive in Africa's toughest environments. For 16 years, our Fixed-Speed Screw Compressors have been the backbone of industries across the continent — proving themselves day in and day out, even in the harshest conditions.



WHY CHOOSE FIXED-SPEED?

DESIGNED FOR AFRICAN CONDITIONS

From intense heat to pervasive dust, purpose-built for resilience and longevity in Africa's toughest environments.

DECADES OF KNOW-HOW

48 years of collective expertise in manufacturing, maintaining, servicing, and repairing all types of compressors.

MOTORS ENGINEERED FOR SCREW DUTY

Motors designed specifically for compressor use with a minimum service factor of 1.2 — built to endure the toughest workloads.

OVERSIZED AIR ENDS

Intentionally oversized air ends run at slower RPMs — no gears needed. Cooler air, less wear, extended lifespan.

PROVEN TRACK RECORD

16 years of solid performance across Africa's most challenging environments tell the story better than words ever could.

FIXED-SPEED SCREW AIR COMPRESSOR SPECIFICATIONS

MODEL NO.	AIR FLOW (M ³ /MIN)				POWER (KW)	NOISE (DB)	CONNECTION BSP / DN	DIMENSION (MM)			WEIGHT (KG)
	0.7 MPA	0.8 MPA	1.0 MPA	1.3 MPA				L (MM)	W (MM)	H (MM)	
SAF-22	4.15	3.7	3.2	2.8	22	68	G1	1330	830	1265	410
SAF-30	5.7	5.2	4.5	3.8	30	68	G1	1330	830	1265	520
SAF-37	6.9	6.5	5.6	4.9	37	69	G1 1/2	1500	940	1415	655
SAF-45	8.1	7.5	6.75	5.9	45	70	G1 1/2	1500	940	1415	730
SAF-55	10.3	9.5	8.3	7.8	55	70	G2	1600	1060	1470	950
SAF-75	13	12.8	11	9.5	75	72	G2	2000	1120	1590	1170
SAF-90	16.7	15.5	14	12.5	90	72	G2	2000	1120	1590	1390
SAF-110	20.8	19.6	17.8	15.5	110	72	DN65	2400	1630	1980	2280
SAF-132	24.1	23.2	19.5	17	132	72	DN65	2400	1630	1980	2430
SAF-160	28.8	27.8	23	20	160	72	DN80	2800	1828	2150	2950
SAF-185	33.2	31.2	27.5	25.8	185	72	DN80	2800	1828	2150	3073
SAF-250	43	41.5	38	34.9	250	76	DN100	4260	2182	2170	5200



7.5 - 250kW

FULL POWER RANGE

From small workshops to large industrial operations - our SAF range covers every application requirement.

MINIMAL DOWNTIME. MAXIMUM SUPPORT.

● MINIMAL DOWNTIME. MAXIMUM SUPPORT.

Extensive spare parts stock nationwide - we're ready to serve customers countrywide, minimising downtime and keeping operations running.

● GROWING WITH CUSTOMERS

We've grown alongside our clients for 16 years, delivering excellent products and steadfast support every step of the way.

INDUSTRIES SERVED



WORKSHOP



FOOD & BEVERAGE



AGRICULTURAL



AUTOMOTIVE



MINING & HEAVY
INDUSTRY



AIR ENDS / ROTOR



01

- Double Screw Technology - oversized rotors for better airflow at lower RPM.
- New Generation 5:6 Lobe Profile Rotors for high efficiency.
- German Air-End Technology
- SKF Bearings for balance and smooth operation.
- Cooler running, extended lifespan.

OIL / AIR COOLERS



02

- Oversized cooler design for improved heat control.
- Lower discharge temperature - higher air quality.
- Efficient cooling reduces fan use.

COMPUTER CONTROLLER (PLC)



03

- Adjusts output pressure 4-13 bar (model dependant)
- Built-in protection: phase faults, overheating, low oil, overload.
- Real-time display of hours, current, load status.

SUPA-46 COMPRESSOR OIL



04

- Reduces friction & Wear
- Meets DIN-50506 VDL Standard

OIL FILTER



05

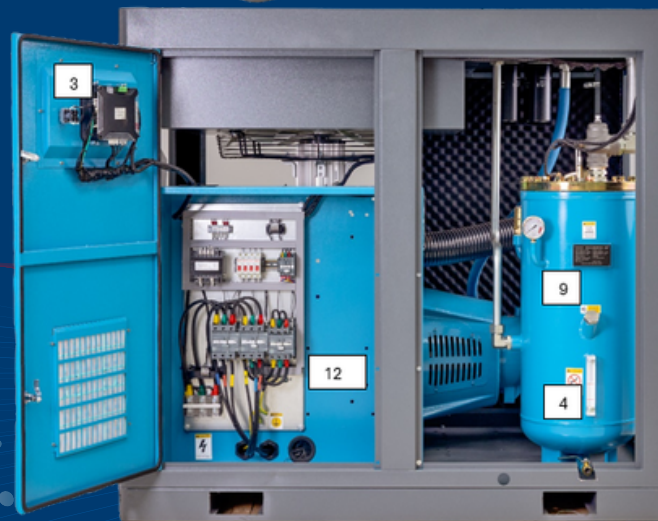
- Model-specific lubrication - longer life
- Quality OEM filters
- Built to German specifications.

MOTORS



06

- SKF Industrial Bearings
- Reliable 380V & 525V with IP54 enclosure options.
- Motor kW/HP matched to each Air-End.



AIR INLET VALVE



07

- New reliable design - fewer moving parts
- Smooth suction valve - reduces bearing shock.
- Modulation control - units above 55kW

OIL / AIR SEPARATOR



08

- Large separator vessel with baffle plates.
- Efficient pre-separation - residual oil to -3ppm.

RECEIVER / SEPARATOR VESSEL



09

- Receiver/Separator Vessel - SANS 347 compliant.

AIR FILTERS



10

- High-Efficiency Inlet Filters
- Positioned at Highest Points
- Advanced Filtration Technology - blocks contaminants.

MINIMUM PRESSURE VALVES



11

- Quality Minimum Pressure Valve - keeps system pressure stable.
- Minimal pressure loss for consistent performance.

SWITCH GEAR & ELECTRICAL COMPONENTS



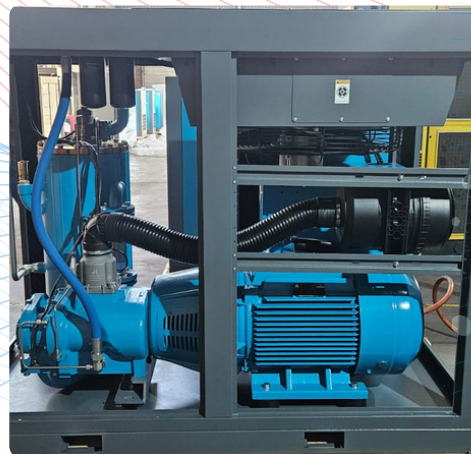
12

- Top International Brands (ABB & Schneider) used across models.
- High-Quality Switch Gear - Star/Delta starting systems.

OEM-OWNED | OEM-PROUD

OUR PROMISE AS THE OEM.

Every Supa-Air compressor, from 7.5kW to 250kW, is designed, built, and backed by us.



CONTACT US.

We stand behind our products with conviction and provide unmatched support to ensure your success.

DIRECT CONTACTS

PIERRE
083 229 5446

KYLE
071 602 0146

JACO
082 386 4324

ZWELI
072 446 7225

www.supaair.co.za

GAUTENG | CAPE TOWN | DURBAN

