4 - 11 KW

Screw Air Compressor Range



firstAIR

Compressors! No compromises.

FAS 4 - 11KW

The FAS product range includes air cooled, single stage silenced and packages screw compressors in the power range of 4 - 11kW. These compressors are designed for industrial application and 24x7 continuous duty. All models are driven by highly efficient IE3 efficiency class electric motors.

As an option, FAS compressors are available with pre-assembled accessories like
- Air receiver
- Refrigeration Dryer
- Pre & post down stream filters





EXCELLENT QUALITY

High quality components in combination with decades of experience in building air ends ensure durability with constantly high efficiency.



INTEGRATED OIL SEPARATOR IN THE OIL TANK

The large oil tank is equipped with all necessary connections and safety installations and therefore ensures the highest operational safety. The internal high efficiency oil separator guarantees excellent compressed air quality with a remaining oil content of < 3mg/m^3.

Through an inspection glass the oil level can be controlled at all times. Service can be conducted quickly and safely – the inlet neck as well as the oil drain valve can be easily accessed.

HIGH PERFORMANCE SUCTION FILTER

In all models a high performance suction filter is installed. Sucked particles are filtered in two stages: first by centrifugal forces and second by a high efficiency filter element.

ELECTRIC MOTOR

The driving motor conforms to energy efficiency class IE3, protection class IP55, insulation class F and is thus most suited for rugged, continuous duty industrial application, with highest efficiency.

HIGH EFFICIENCY COOLING

The cooling system for both air and oil is designed in a way that the compressor can efficiently operate even at high ambient temperature of 45°C.

CONFIGURATION TABLE

Machine Model	FAS-4 – 11B Base Mounted	FAS-4 – 11T Tank Mounted	FAS-4 – 11A UltraPack	FAS-4 – 11D Skid mounted with Dryer
Air compressor unit	✓	✓	✓	✓
Refrigerated air dryer			✓	✓
Pre-filter			✓	✓
Post-filter			✓	✓
Air receiver		✓	✓	

TECHNICAL DATA

Machine Model		FAS-4	FAS-6	FAS-8	FAS-11	FAS-11(HE)
Cooling Type		Air-cooled				
Working pressure/Free Air Delivery CFM	7 kg/cm^2 (g) [100 PSI (G)]	19	28	39	62	76
	8 kg/cm^2 (g) [115 PSI (G)]	18	26	36	58	67
	10 kg/cm^2 (g) [145 PSI (G)]	14	23	34	53	59
	12 kg/cm^2 (g) [175 PSI (G)]	12	18	29	49	54
Electric Motor	Power (kW)	4	5.5	7.5	11	11
	Starting method	Star-Delta				
	Voltage/ Frequency (V/Hz)	400V, 50Hz				
	Protection Level	IP 55				
	Insulation Class	F Class				
	Motor Efficiency	IE3				
Drive		Belt Driven				
Noise (dBA)		65 +/- 3		68 +/- 3		
Oil Carryover (ppm)		≤ 3				
Discharge temperature (after cooler) (°C)		≤ Ambient temperature+15°C				
Lubricant Capaticy (L)		6		8		
Outlet (inch)		G1/2		G3/4		

Machine Model - Base Mounted		FAS-4B	FAS-6B	FAS-8B	FAS-11B	FAS-11 (HE)B
External Dimension	Length (mm)	660		800	880	
	Width (mm)	600		800	830	
	Height (mm)	890		995	1073	
Weight (kg)		230	240	280	300	350

Machine Model - Tank Mounted		FAS-4T	FAS-6T	FAS-8T	FAS-11T	FAS-11 (HE)T+
Tank Volume (L)		300 L				500L
External Dimension	Length (mm)	1650		1650	1650	2174
	Width (mm)	800		900	900	900
	Height (mm)	1533		1638	1716	1716
Weight (kg)		340	405	390	410	520

Machine Model - Ultra Pack		FAS-4A	FAS-6A	FAS-8A	FAS-11A	FAS-11 (HE)A+
Tank Volume (L)		300 L				500L
External Dimension	Length (mm)	1650		1650	1650	2174
	Width (mm)	800		900	900	900
	Height (mm)	1533		1638	1716	1716
Weight (kg)		378	405	445	465	575

The data & performance were recorded in accordance with latest ISO 1217 standard.
The sound level was measured in accordance with PNEUROP/CAGI standard.
Tank mounted & Ultrapack models are also available with 500L tank, details on request.
Due to continous engineering improvements, above features are subject to change without prior notice.

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Compressors! No compromises.

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Distributor

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Errors and omissions excepted.