

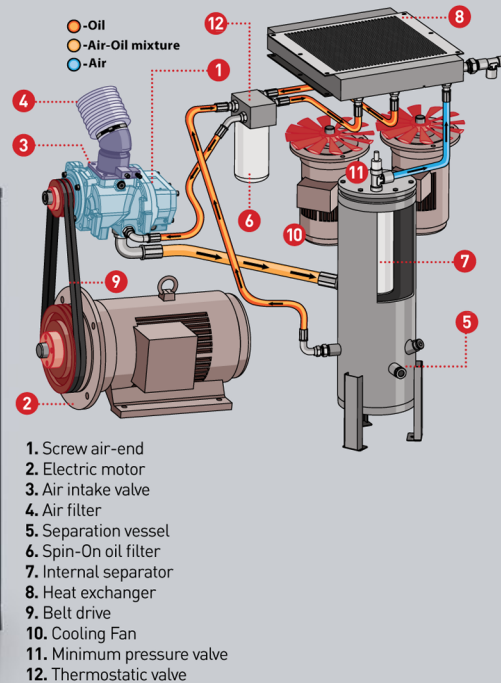
Design and technical characteristics

A-Series screw oil-filled compressors produce industrial compressed air with supreme air treatment, class 4 according to DIN ISO 8573-1.

Base mounted version (A).



Flow chart of compressor



Enhanced heat dissipation

A-Series compressor models A75 and A90 are fitted with a twin fan to improve heat dissipation of the compressor.

Two fans provide a sufficiently large enough inflow of cold external air to effectively cool all key compressor components. Enhanced heat dissipation positively affects the overall energy efficiency of the compressor.

See the compressor's flow chart.

Professional controller pro-Log



The professional controller **pro-Log** controls operation of the compressor in automatic mode, and also provides the user with necessary information on the working pressure, temperature of the air oil mixture, compressor's operation time, need for servicing, etc.

The professional controller allows several compressors to be combined into a joint system and be controlled remotely.

Effective and reliable electric motor



A-Series compressors are fitted with quality electric motors with a high efficiency coefficient and world-class bearings from leading manufacturers.

The motors are not overloaded, but have a power reserve and overheat protection for windings.

Electric motor A75 A-Series



The air end has a contemporary energy-efficient screw shape.

This increases compressor efficiency and reduces maintenance and replacement costs.

Air-End A75 A-Series

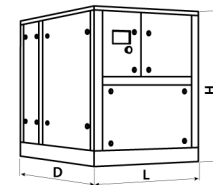
Screw Compressors A-Series with capacity to 13,8 m³/min

A-Series are oil filled screw compressors designed for smooth and economical production of compressed air in industrial plants. They feature a compact, logically laid-out design, high quality materials and workmanship, using key components from leading manufacturers.



Table of models operate in a capacity range up to 13,8 m³/min

Article	Model	Drive power (kW)	Max. operating pressure (bar)	Air flow rate (m ³ /min)	Rated voltage (phase/V/Hz)	Noise (dB)	Screw connection
11100101	A7508	75,0	8	11,80	3/380/50	75	2"
11100102	A7510		10	10,65			
11100103	A7513		13	9,2			
11100111	A9008	90,0	8	13,80	3/380/50	75	2"
11100112	A9010		10	12,53			
11100113	A9013		13	10,9			



Dimensions A-type

Model	High (mm)	Deep (mm)	Wide (mm)	Weight (kg)
A75..	1800	1490	2190	1630
A90..	1800	1490	2190	1710

The following models operate in a capacity range up to 13,8 m³/min:
 - A75..
 - A90..

Features:

Modern, energy-efficient air-end.

Microprocessor controlled for optimal cost-effective compressor operation.

Through intelligent design of all key components, internal pressure losses are kept to a minimum, resulting in noticeable savings in total energy consumption.

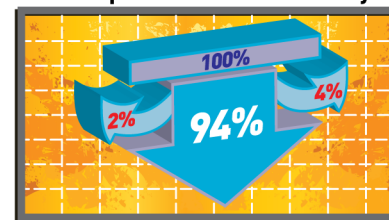
Through the use of an effective oil separation system, a residual oil content in compressed air of maximum 3 mg/m³ is attained.

pro-Log controller for more setting and control options, supervision via LAN and connection to a multi-compressor management system.

All filters and separators are easy to reach for economical service.



Compressor heat recovery



Recuperation of thermal energy

100% - electric energy consumed by compressor
4% - residual heat in compressed air
2% - loss to heat radiation

Up to **94%** of the electric energy expended in driving a compressor may be used again in the form of recuperated heat. A-Series compressors allow heated air to be used efficiently by recovering it for production or storage facilities.