

COMBI

The cost-effective 4-in-1 compact system

Our COMBI screw compressors are a highly cost-effective 4-in-1 solution. The compressed air station combines

- a compressor,
- compressed air receiver (with manual shut-off, and also with an automatic condensate drain as an option),
- refrigeration dryer and
- pre- and after-filters

in one housing as standard. The series thus fulfils the high quality requirements for compressed air for pneumatic applications specified by DIN ISO 8573-1.

Requiring the smallest possible space and emitting very low noise levels, the machines of the COMBI series can be installed exactly where the compressed air is needed, saving your company major investments in expensive pressure lines. The belt-driven systems of the COMBI series are used in applications ranging from practical trades to heavy-duty industry.

In small-scale workshops, the compressors guarantee a reliable supply of compressed air while, in industry, the COMBI products serve as an individual decentralized compressed air solution.



Other benefits of these compact systems include their low weight and therefore the ease of transport. All it takes is a lifting truck or a fork-lift truck to install the ready-to-connect and ready-to-use compressed air station on site.

The product range

2 different system sizes:

- COMBI 6 – 15: 270 l standard / 500 l optional
- COMBI 16 – 22: 500 l standard

All the compressors in the series are available:

- with/without receiver
- with/without refrigeration dryer
- with/without compressed air filter
- with various controllers to suit your needs

Application

Trade, small-scale industry

Power output

COMBI II: 5.5 – 15 kW

COMBI III: 15 – 22 kW

Volume flow acc. to ISO 1217

(Annex C:1996):

8 bar: 0.82–3.24 m³/min

10 bar: 0.72–2.75 m³/min

13 bar: 0.62–2.54 m³/min

Operating pressure

5 – 13 bar

Cooling

Air-cooled (standard)

Drive

V-belt

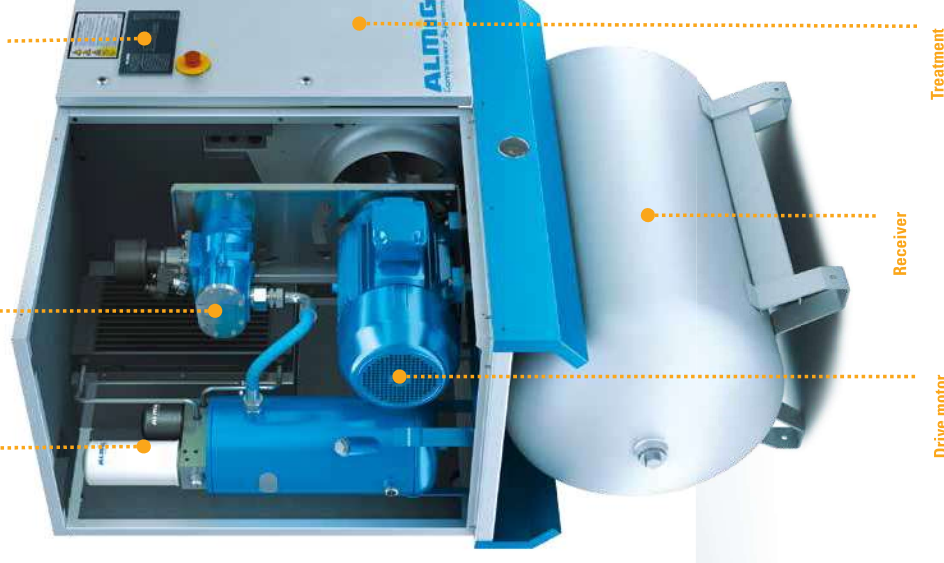
Motor

Energy efficiency class IE 3;
IP 55 protection,
protection class F

Compressor stage
with low speeds

Maintenance-friendly design

Air Control
Smart controller that monitors, visualises and documents



Drive motor
Energy efficiency class IE 3

Receiver

Treatment

Suitable controllers:

AIR CONTROL MINI



Standard (6 – 22 kW)

AIR CONTROL B



Optional (6 – 22 kW)

AIR CONTROL P



Optional (6 – 22 kW)

AIR CONTROL HE



Optional (6 – 22 kW)

Controllers starting on p. 42

- + 4-in-1: compressor, compressed air receiver, refrigeration dryer, pre-/after-filter
- + Fulfills quality requirements for compressed air according to DIN ISO 8573-1
- + Small space requirements
- + Low noise level
- + Easy to transport due to low weight

16 Screw compressors

17



60 Hz												
Model	100 psig		125 psig		150 psig		190 psig		HP	inch	inch	lbs
	acfm	scfm	acfm	scfm	acfm	scfm	acfm	scfm				
6 / 8	30	28	25	25	21	7.5	44.1	270	44.4	44.4	628	
8 / 10	37	37	35	35	29	10	44.1	270	44.4	44.4	639	
11 / 15	59	55	48	42	15	44.1	270	44.4	44.4	44.4	650	
15 / 20	72	68	63	56	20	44.1	270	44.4	44.4	44.4	672	
16 / 21	86	81	72	64	20	58.3	70.1	54.1	54.1	54.1	1001	
18 / 25	104	98	90	83	25	58.3	70.1	54.1	54.1	54.1	1043	
22 / 30	124	113	102	97	30	58.3	70.1	54.1	54.1	54.1	1144	

Model	mm
6	1180 x 770 x 1680
8	1180 x 770 x 1680
11	1180 x 770 x 1680
15	1180 x 770 x 1680
Compressor + receiver (500 litres / 132 gal)	