

100% performance.
0% oil.

Advanced technology for oil-free compressed air.
AQUAIR provides high-quality screw-compressors for
compressing atmospheric air.
Innovative, safe, clean and energy-efficient. Made in Germany

4 kW 5.5 kW 7.5 kW 9 kW 11 kW

Technical data sheet

Screw compressor Water injected, frequency-controlled	APA 004	APA 05.5	APA 07.5	APA 009	APA 011	
Water cooled / air cooled	air cooled	air cooled	air cooled	air cooled	air cooled	
Motor rating	4	5.5	7.5	9	11	kW
Volume flow rate	650	900	1,340	1,470	1,810	l/min
Based on:						
Intake air temperature	20	20	20	20	20	°C
Intake pressure	1	1	1	1	1	bar(a)
Volume flow rate, 8 bar gauge*	622	810	1,120	1,400	1,710	l/min
Volume flow rate, 10 bar gauge*	580	710	1,020	1,130	1,390	l/min
Water injection temperature	5	5	5	5	5	°C
Final discharge pressure, 5-10 bar gauge**	10	10	10	10	10	bar(g)
Final compression temp. (increase over intake temp.)	~10	~10	~10	~10	~10	K
Rated speed main rotor	2,800 – 4,500	2,800 – 6,300	2,800 – 4,600	2,800 – 5,300	2,800 – 6,350	RPM
Range of throughput, 6 bar gauge, min.- max.	300 – 650	300 – 900	700 – 1,340	700 – 1,470	700 – 1,810	l/min
Water filling capacity	18	18	18	18	18	l
Heat quantity to be discharged water cooler	4	5.5	7.5	9	11	kW
Drive motor frequency-controlled	1	1	1	1	1	unit
Motor speed	2,950	2,950	2,950	2,950	2,950	RPM
Protection class	IP 55	IP 55	IP 55	IP 55	IP 55	
Type	B 35	B 35	B 35	B 35	B 35	
Voltage / frequency	400/50	400/50	400/50	400/50	400/50	V/Hz
Isolation class	F	F	F	F	F	
Fan motor	1	1	1	1	1	unit
Motor rating	0.48	0.48	0.68	0.68	0.68	kW
Fan motor speed	660	660	1,400	1,400	1,400	RPM
Protection class	IP 55	IP 55	IP 55	IP 55	IP 55	
Type	V3	V3	V3	V3	V3	
Isolation class	F	F	F	F	F	
Voltage / frequency	400/50	400/50	400/50	400/50	400/50	V/Hz
Compressed air connection / mains	G 3/4	G 3/4	G 3/4	G 3/4	G 3/4	inch
Noise level approx.	68	65	68	68	68	dB(A)
Net weight	255	265	290	320	320	kg
Option	water cooled	water cooled	water cooled	water cooled	water cooled	

* determined per ISO1217 annex C

** higher pressures on request, reserve technical changes



Easy operation and monitoring thanks to state-of-the-art control software and optimized user interface

Your benefits

Efficient

Up to 35% less energy costs

Innovative

Up to 85% less inspection costs and downtime

Clean

100% germ-free and oil-free compressed air, certified by FRESSENIUS

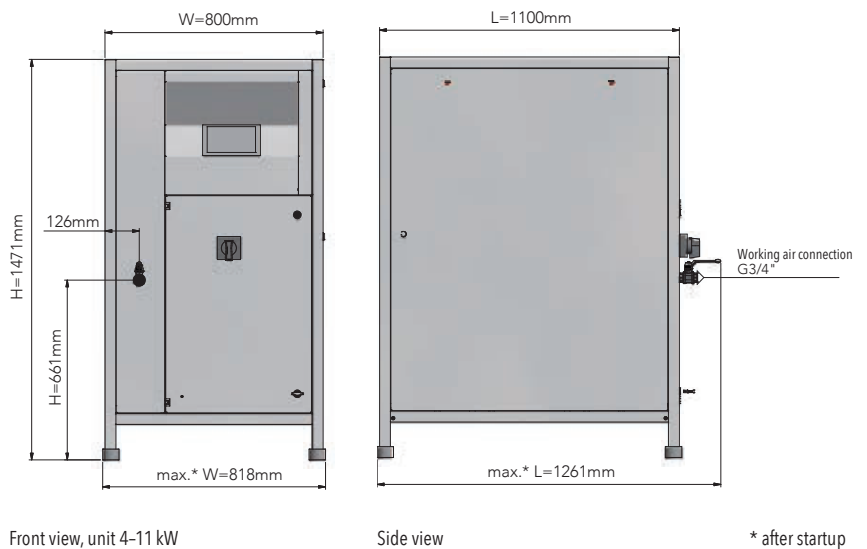
Safe

5 years manufacturer warranty with the AQUAAIR accident and break-down cover

Made in Germany

100% quality through own development and production of AQUAAIR

Installation drawing



AQUAAIR Information Service

Simply give us a call if you'd like an individual consultation regarding the oil-free compressed air application at your company: +49.(0)821. 99 98 04 60 or write us an e-mail: info@aquair.de



Find out more about AQUAAIR technology at www.aquair.de

