

COAIRE

OIL FREE ROTARY SCREW AIR COMPRESSORS



PRECISION BUILT AIR COMPRESSORS

OIL FREE ROTARY SCREW AIR COMPRESSOR

Coaire's CAF models use GHH RAND airends for excellent performance

- Long operating life
- 2-stage anti-rusting stainless steel rotors with ultra coating
- Contactless sealing system to maximize durability
- Cylindrical roller bearings and 4 point bearings for maximum performance and durability
- High precision bull gear and timing gear
- Molybdenum disulfide (MoS₂) coated rotors for excellent rotor matching
- Integrated oil pump
- Multiple high efficient coolers
- Easy to use Micom controller
 - Multilingual support (English, Korean, Chinese, Russian, Portuguese, and Spanish)
 - Save up to 160 journal entries and operation commands
- Sturdy powder painted cabinet with removable panels for easy maintenance
- **High quality components**



GHH RAND
oil free airend



3-stage condensate water removal system



High efficiency inlet filter



Stainless steel piping



Micom controller

Comprehensive multistage safety monitoring

- 1st stage and 2nd stage
 - suction pressure
 - discharge temperature
 - discharge pressure
 - pressure safety valve
- Oil pressure and temperature
- Oil filter pressure differential
- 3 oil pressure gauges
- Oil relief valve
- Bypass built into oil filter
- Condensate line
 - 1st and 2nd stage condensate auto drain
- Electric parts
 - Main motor bearing
 - Temperature sensor on main motor
 - Anti-reverse phase relay

Oil free screw compressor applications



High-precision semiconductors



Food processing



Pharmaceutical



SPECIFICATIONS

CAF Series (Standard Air Cooled)

Model	Max Working Pressure	Free Air Delivery	Motor Power	Noise	Dimensions (LxWxH)	Discharge Air Outlet	Weight
	PSIG	CFM	kW	dB(A)	inches	inches	lbs
CAF075F	100	302	75	76	90.6x61.8x82.3	2	5732
	120	300					
	135	274					
CAF100S	100	441	100	78	90.6x61.8x82.3	2	6173
	120	406					
	135	403					
CAF125S	100	530	125	82	106.3x65.4x92.5	3	7055
	120	528					
	135	455					
CAF150S	100	696	150	83	106.3x65.4x92.5	3	7165
	120	593					
	135	592					
CAF175S	100	782	175	83	106.3x65.4x92.5	3	7275
	120	694					
	135	693					
CAF220S	100	923	216	83	106.3x65.4x92.5	3	7385
	120	834					
	135	833					
CAF250S	100	1187	250	84	130.7x84.6x94.5	4	9370
	120	1070					
	135	971					
CAF300S	100	1409	300	84	130.7x84.6x94.5	4	9700
	120	1270					
	135	1183					
CAF350S	100	1592	350	85	130.7x84.6x94.5	4	10252
	120	1507					
	135	1406					
CAF400S	100	1781	400	85	130.7x84.6x94.5	4	10582
	120	1608					
	135	1588					

Due to ongoing product development, specifications listed on this page are subject to change without prior notice.

SPECIFICATIONS

CAF Series (Inverter Type)

Model	Max Working Pressure	Free Air Delivery	Motor Power	Noise	Dimensions (LxWxH)	Discharge Air Outlet	Weight
	PSIG	CFM	HP	dB(A)	inches	inches	lbs
CAF075F	100	302	75	76	90.6x61.8x82.3	2	5732
	120	300					
	135	274					
CAF100S	100	441	100	78	90.6x61.8x82.3	2	6173
	120	406					
	135	403					
CAF125S	100	530	125	82	106.3x65.4x92.5	3	7055
	120	528					
	135	455					
CAF150S	100	696	150	83	106.3x65.4x92.5	3	7165
	120	593					
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