



AD 18-110 G

Oil Injected, Gear Drive
Air Compressors

Power behind The Muscle ,



Driven by Simplicity

At the core of the Aires AD 18–110G Series lies a foundation of proven mechanical engineering. The heavy-duty gear drive transmits power directly from motor to airend through a precision-cut gear set, built to handle continuous-duty loads without the losses and wear of a belt-driven system. Splash-lubricated and machined to close tolerances, the gearbox maintains reliable alignment and smooth power delivery over the long service life of the machine.

The motor and gearbox are mounted on a rigid, vibration-dampened base designed to absorb mechanical stress and hold precise alignment even under continuous-duty conditions. This robust structure ensures smooth operation, long component life, and consistent power delivery shift after shift.

For applications where air demand runs steady, a fixed-speed, gear-driven compressor is the more direct path to reliable air: fewer components, a simpler control scheme, and a lower upfront investment than a variable-speed system. The result is a compressor built to run hard, service easily, and deliver dependable pressure day after day, in the industrial environments that need it most.



Certified Components: Every system is built using UL 508A, ASME, and ISO-certified components, ensuring compliance with national standards and consistent reliability.





Defined by Reliability

The reliability of the AD G Series lies in straightforward control. The LogiTronik26 TFT touch-screen controller monitors pressure, temperature, and power usage in real time, keeping every cycle within the parameters that protect the machine and keep it running.

Operators get instant access to system status, alarms, and service scheduling through a clear, modern touch-screen display – no separate software, no learning curve. What you need to know about the machine is always one tap away.

Predictive maintenance alerts flag service needs before they become downtime, and DOE-compliant performance data is logged automatically – giving you a clear, documented record of how the compressor is running, shift after shift.

Simple, reliable, and easy to run – the AD G Series embodies the fusion of durable mechanical engineering and straightforward control, delivering consistent efficiency and long-term customer success.



Year 1 – Coverage under the AIRES Standard Warranty - Bumper-bumper, 12 months from the start-up or 18 months from the invoice date. Whichever occurs first.

Years 2-5 – Coverage under the AIRES Extended-5 Warranty - Air-End, Electric Motors, Air/Oil Cooler, Sep. tank, Controller, VFD

Years 6-10 – Coverage under the AIRES Extended-10 Warranty - Air-End.

Warranty coverage is valid only with an Authorized Start-Up and the use of genuine parts and fluids.

MODEL	POWER kW/hp	PRESSURE psi	FLOW cfm	DIMENSIONS inch	WEIGHT lbs	NOISE db
AD 18 G	18.5 / 25	100	124.67	W:32.05" L:47.24" H:50.08"	1053	72
		125	115.67			
AD 22 G	22 / 30	100	146.43	W:32.05" L:47.24" H:50.08"	1088	73
		125	136.21			
AD 30 G	30 / 40	100	209.54	W:35.98" L:63.78" H:67.60"	2935	74
		125	185.58			
AD 37 G	37 / 50	100	259.65	W:35.98" L:63.78" H:67.60"	1905	75
		125	235.07			
AD 45 G	45 / 60	100	313.77	W:45.98" L:78.40" H:71.65"	1053	76
		125	286.07			
AD 55 G	55 / 75	100	413.30	W:45.98" L:78.40" H:71.65"	2990	77
		125	350.92			
AD 75 G	75 / 100	100	461.94	W:48.11" L:84.65" H:75.59"	4410	77
		125	461.44			
AD 90 G	90 / 125	100	651.56	W:53.66" L:90.00" H:84.00"	6112	78
		125	612.66			
AD 110 G	110 / 150	100	775.63	W:53.66" L:90.00" H:84.00"	6396	79
		125	661.00			

*Unit performance measured according to ISO 1217, ANNEX E, EDITION 4:2009

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