

Ingersoll Rand **G3A120PP945AV** 125 mm (5") angle grinder



The G-Series grinders deliver more power and precision for enhanced performance. They're easier to service, which means less downtime for you. And the grinders' ergonomic design makes them more comfortable to use.

- Powerful motor delivers 1.0 kW (1.35 HP).
- 12 000 rpm free speed.
- Auto-balancing system significantly reduces vibrations and increases the life of grinding discs, thus increasing user comfort and productivity.
- Built-in lubricating wick optimizes the life of the angle gear set by improving lubrication to the bevel and pinion gear set.
- Internal governor maximizes speed under load, increasing your rate of material removal.
- Ergonomic composite housing is lightweight, protects from cold air and offers great operator comfort.
- Vibration reduced side handle increases operator comfort and efficiency.
- Integral trigger safety lock prevents accidental tool start.
- Rear exhaust directs air away from the operator.
- Piped-away exhaust system further reduces noise level and directs air away from the operator.

Specifications at 6.2 bar (90 psi)

Part Number	G3A120PP945AV
Ordering number	80217037
Wheel type	Type 27
Wheel capacity	4.5 in / 115 mm
Maximum wheel thickness	1/4 in / 6 mm
Spindle size	M14
Other available versions:	
- 125 mm (5") wheel capacity	G3A120PP95AV
- 150 mm (6") wheel capacity	G3A100PP96AV

PERFORMANCE

Rated power	1.35 HP / 1.0 kW
Free speed	12 000 rpm

AIR SYSTEM

Air Inlet (NPT)	3/8 in
Minimum hose size	1/2 in / 13 mm
Air consumption at load	55 CFM / 26.0 L/s

NOISE & VIBRATION

Sound pressure / power (ISO15744)	88.7 / 99.7 dB(A)
Vibration level / measurement uncertainty (ISO28927)	4.8 / 1.5 m/s²

WEIGHT & DIMENSIONS

Tool weight	4.6 lb / 2.1 kg
Tool length	9.63 in / 245 mm
Height over spindle	3.63 in / 92 mm
Shipping weight	9.0 lb / 4.1 kg
Shipping dimensions (L x W x H)	165 x 385 x 120 mm
UPC / EAN code	6 63024 00320 6
Origin	Made in USA



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AG3-253
80153851
Flange nut wrench



AG230-340M
03805769
Arbor wrench



AG3-K284
80155963
Piped-away exhaust kit



33204
91486357
Hose whip, 3/8" NPT, 10 mm inside diameter, 30 cm (1 ft)



IB8NMC3
88103304
IBN/IBS Series nipple, 3/8" male thread, 8 mm bore (ISO6150B / MIL-C4109)



77NMC3
88104088
7N7/7S7 Series nipple, 3/8" male thread, 7.2 mm bore (EURO 7.2 - 7.4)



Quick Release Couplings
For the complete range, see our accessory catalogue.



RH-12
92536051
PVC hose, 13 mm inside diameter, 30 m



CO-1518
56753122
Hose clamps, 15-18 mm outside diameter, 100 pcs



Filters, regulators, lubricators
For the complete range, see our accessory catalogue.



67-LBK1
04637344
Lubricant kit for angle head tools



10Z4
03875671
Oil, Class 1, no. 10, 0.12 L



67-4T
04637336
Grease for high-speed angle heads



AG3-TK1
80155955
Motor service kit