

Airstream, powered by Puma



Single and Two Stage Reciprocating Compressors

Comprehensive 12 Month Warranty as Standard

Free of Charge Extenda-Plan extends warranty to 24 Months



AIRSTREAM
COMPRESSORS

www.airstreamsa.co.za



INDUSTRIALLY RATED:

Airstream powered by Puma reciprocating compressors are well known for their durability, quality and robust design. Duty cycles of up to 80% are possible during periods of peak demand. Only virgin cast iron of the highest quality available is used in our pumps which maintains stability, durability and allows for greater accuracy and far stricter machining tolerances.



TAPERED ROLLER BEARINGS SUPPORT MACHINE-BALANCED CRANKSHAFT:

Our pumps feature a patented system using tapered roller bearings to support the CNC machine balanced crankshaft. Extremely smooth and almost vibration free running is achieved which lowers demands on bearings and extends the lifespan of the pump. These compressors run so smoothly that there is no need to mount them with additional dampers.



CONCENTRIC VALVE DESIGN:

Precision ground valve plates with special steel concentric valve discs are employed to provide efficient flow and superior sealing during intake and compression phases. High temperature graphite gasketing compound prevents degradation of the sealing properties and guarantees peak performance between 2000 hour service intervals.



DUAL-JACKING, BELT TENSIONING SYSTEM:

The receiver saddle is fitted with an innovative dual tensioning and locking system which allows for simple alignment and adjustment of drive belt tension and subsequent locking to prevent motor creep. Maintenance is simplified and labour time is reduced - a simple and small innovation that saves money.



GENEROUS INTER-STAGE COOLING SYSTEM:

The use of lengthened finned copper interstage cooling pipes and cast iron interstage buffer reservoirs with cooling fins ensures that the heat of primary compression is dissipated prior to second stage compression and this improves efficiency and final free air delivery.



AIR RECEIVERS COMPLIANT WITH LEGISLATION - SANS 347 & OHS (85/1993):

Our air receivers are designed and manufactured to an ASME Sec VIII, Div I design code and are supplied with the mandatory Conformity Assessment Certificates as issued by a locally approved A.I.A (Authorised Inspection Authority) and are compliant with South African legislation.



OVER 45 YEARS EXPERIENCE:

Our Airstream Compressors originate from the Puma factory which has been producing compressors since 1969. Experience like this is hard to beat and translates into a reputation of dependable quality and performance.





HEAVY DUTY ELECTRIC MOTORS:

Insulation class F, IP 44, cast-iron, copper-wound electric motors, rated for continuous duty are matched to our durable compressor pumps. All motors are rated with service factors of 1.0.



OVERSIZED HEAVY DUTY FREE FLOWING NON-RETURN VALVES:

Airstream Powered by Puma Compressors make use of the highest quality, non-return valves with large orifice diameters to ensure free flow of compressed air from the pump to the air receiver. The use of cast iron allows for stability and longevity in these critical components. We only use durable copper tubing for all blow down pipes which outlasts cheap nylon pipes.



BALL TYPE AIR RECEIVER DRAIN VALVES:

Air receivers must have the accumulated condensate drained on a regular basis. Normal seat-type drain valves often block up or fail. Airstream Powered by Puma Compressors make use of a full bore ball valve that is easily operated, will last for many years and is easily fitted with alternative drainage mechanisms.



FULLY ENCLOSED BELT GUARDS:

It is a legal requirement that any moving or rotating equipment is fitted with guards to prevent accidental contact with any part of the body or clothing. Our compressors are fitted with fabricated steel, totally enclosed guards that are bolted to the air receiver. Tri-directional anchoring ensures secure fitment and almost zero vibration transfer.



LARGE DIAMETER COOLING FANWHEELS:

Heat build-up is one of the biggest enemies of a compressor pump. Our pumps are fitted with large diameter fan-wheels which direct large volumes of cooling air over the crankcase, cylinders and cylinder heads to achieve very low operational temperatures. These low temperatures eliminate the chances of carbon build-up on valves and ensure longevity of the equipment.



SPECIAL SYNTHETIC LUBRICANTS:

All Airstream Powered by Puma Compressors undergo a pre-delivery inspection process where the machine is tested, inspected and a special fully synthetic oil is filled into the compressor pump. This special synthetic oil has superior lubricating properties and adds considerably to the lifespan of the compressor. This improved lubrication helps further reduce the operating temperatures, prevents carbon deposits and maintains its viscosity far better than cheap mineral oils.



INNOVATION - PEACE OF MIND EXTENDED WARRANTY AT NO CHARGE:

It is hard to improve on a product range like this, but we have found a way to add tangible value to your purchase without costing you a cent. We are so confident of our quality that we offer our powered by Puma range with our 24 month EXTENDA-PLAN extended warranty at no extra charge!





Model:	GE040200	▶ Single Stage
Motor:	3.0kW (4HP)	▶ Two pole electric motor
Displacement:	450l/min (15.9cfm)	▶ Three Cylinders
F.A.D.	306l/min (10.8cfm)	▶ Direct on line
Working press:	8 Bar	▶ ASME Sec VIII, Div I receiver
Max pressure:	10 Bar	▶ Supplied with Synthetic Oil
Tank capacity:	200 litres	▶ 2 year extendable warranty
Pump RPM:	950 r/min	▶ 80% duty cycle
Power supply:	380V/3Ph/50Hz	
Dimensions:	1500 x 650 x 1000mm	
Weight:	220 kg	



Model:	GE050200	▶ Single Stage
Motor:	4.0kW (5.5HP)	▶ Two pole electric motor
Displacement:	590l/min (20.8cfm)	▶ Two Cylinders
F.A.D.	385l/min (13.6cfm)	▶ Direct on line
Working press:	8 Bar	▶ ASME Sec VIII, Div I receiver
Max pressure:	10 Bar	▶ Supplied with Synthetic Oil
Tank capacity:	200 litres	▶ 2 year extendable warranty
Pump RPM:	980 r/min	▶ 80% duty cycle
Power supply:	380V/3Ph/50Hz	
Dimensions:	1530 x 670 x 1150mm	
Weight:	235 kg	



Model:	GE075270	▶ Single Stage
Motor:	5.5kW (7.5HP)	▶ Two pole electric motor
Displacement:	910l/min (32.1cfm)	▶ Three Cylinders
F.A.D.	589l/min (20.8cfm)	▶ Direct on line
Working press:	8 Bar	▶ ASME Sec VIII, Div I receiver
Max pressure:	10 Bar	▶ Supplied with Synthetic Oil
Tank capacity:	270 litres	▶ 2 year extendable warranty
Pump RPM:	1006 r/min	▶ 80% duty cycle
Power supply:	380V/3Ph/50Hz	
Dimensions:	1950 x 700 x 1200mm	
Weight:	325 kg	



Model:	GE100270	▶ Single Stage
Motor:	7.5kW (10HP)	▶ Four pole electric motor
Displacement:	1105l/min (39cfm)	▶ Two Cylinders
F.A.D.	804l/min (28.4cfm)	▶ Direct on line
Working press:	8 Bar	▶ ASME Sec VIII, Div I receiver
Max pressure:	10 Bar	▶ Supplied with Synthetic Oil
Tank capacity:	270 litres	▶ 2 year extendable warranty
Pump RPM:	880 r/min	▶ 80% duty cycle
Power supply:	380V/3Ph/50Hz	
Dimensions:	1950 x 700 x 1200mm	
Weight:	395 kg	



Model:	GE150500	▶ Single Stage
Motor:	11kW (15HP)	▶ Four pole electric motor
Displacement:	1678l/min (59.3cfm)	▶ Three Cylinders
F.A.D.	1323l/min (46.7cfm)	▶ Direct on line
Working press:	8 Bar	▶ ASME Sec VIII, Div I receiver
Max pressure:	10 Bar	▶ Supplied with Synthetic Oil
Tank capacity:	500 litres	▶ 2 year extendable warranty
Pump RPM:	885 r/min	▶ 80% duty cycle
Power supply:	380V/3Ph/50Hz	
Dimensions:	2050 x 800 x 1450mm	
Weight:	550 kg	



Model:	GUT65120G	▶ Two Stage
Motor:	4.8kW (6.5HP)	▶ Honda Gasoline engine
Displacement:	340l/min (12cfm)	▶ Three Cylinders
F.A.D.	272l/min (9.6cfm)	▶ Idle Off-load Control
Working press:	10 Bar	▶ ASME Sec VIII, Div I receiver
Max pressure:	12 Bar	▶ Supplied with Synthetic Oil
Tank capacity:	120 litres	▶ 2 year extendable warranty
Pump RPM:	1070 r/min	▶ 80% duty cycle
Engine type:	Petrol	
Dimensions:	1405 x 520 x 1050mm	
Weight:	182 kg	



Model:	GUT90120D	▶ Two Stage
Motor:	6.6kW (9HP)	▶ Key starting, diesel engine
Displacement:	500l/min (17.6cfm)	▶ Three Cylinders
F.A.D.	400l/min (14.1cfm)	▶ Idle Off-load Control
Working press:	10 Bar	▶ ASME Sec VIII, Div I receiver
Max pressure:	12 Bar	▶ Supplied with Synthetic Oil
Tank capacity:	120 litres	▶ 2 year extendable warranty
Pump RPM:	1250 r/min	▶ 80% duty cycle
Engine type:	Diesel	
Dimensions:	1470 x 540 x 1170mm	
Weight:	230 kg	



Model:	GT075270	▶ Two Stage
Motor:	5.5kW (7.5HP)	▶ Two pole electric motor
Displacement:	670l/min (23.7cfm)	▶ Two Cylinders
F.A.D.	648l/min (22.9cfm)	▶ Direct on line
Working press:	10 Bar	▶ ASME Sec VIII, Div I receiver
Max pressure:	12 Bar	▶ Supplied with Synthetic Oil
Tank capacity:	270 litres	▶ 2 year extendable warranty
Pump RPM:	1060 r/min	▶ 80% duty cycle
Power supply:	380V/3Ph/50Hz	
Dimensions:	1950 x 700 x 1200mm	
Weight:	390 kg	



Model:	GT100270	▶ Two Stage
Motor:	7.5kW (10HP)	▶ Four pole electric motor
Displacement:	950l/min (33.5cfm)	▶ Three Cylinders
F.A.D.	837l/min (29.6cfm)	▶ Direct on line
Working press:	10 Bar	▶ ASME Sec VIII, Div I receiver
Max pressure:	12 Bar	▶ Supplied with Synthetic Oil
Tank capacity:	270 litres	▶ 2 year extendable warranty
Pump RPM:	754 r/min	▶ 80% duty cycle
Power supply:	380V/3Ph/50Hz	
Dimensions:	1950 x 700 x 1260mm	
Weight:	420 kg	



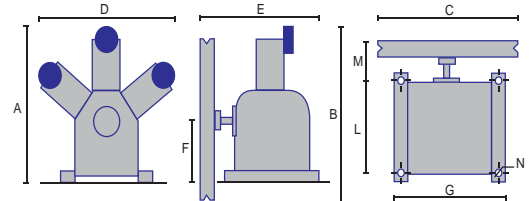
Model:	GT150500	▶ Two Stage
Motor:	11kW (15HP)	▶ Four pole electric motor
Displacement:	1484l/min (52.4cfm)	▶ Four Cylinders
F.A.D.	1265l/min (44.7cfm)	▶ Direct on line
Working press:	10 Bar	▶ ASME Sec VIII, Div I receiver
Max pressure:	12 Bar	▶ Supplied with Synthetic Oil
Tank capacity:	500 litres	▶ 2 year extendable warranty
Pump RPM:	820 r/min	▶ 80% duty cycle
Power supply:	380V/3Ph/50Hz	
Dimensions:	2050 x 800 x 1450mm	
Weight:	580 kg	



Model: GE040
 Match to motor: 3.0kW (4HP)
 Displacement: 450l/min (15.9cfm)
 F.A.D. 306l/min (10.8cfm)
 Single Stage: 8 Bar
 Max pressure: 10 Bar
 Max duty cycle: 80%
 No of cylinders Three
 Pump RPM: 950 r/min
 V-Belt section: 2 x A (1473mm)
 520x380x450mm 26kg

DIMENSIONS

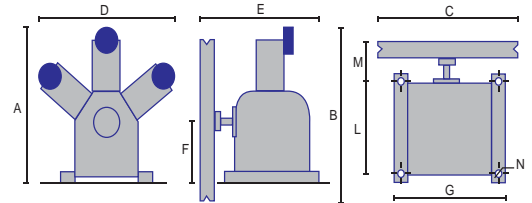
A - 370mm F - 120mm
 B - 440mm G - 220mm
 C - 265mm L - 150mm
 D - 480mm M - 100mm
 E - 265mm N - 10mm



Model: GE050200
 Match to motor: 4.0kW (5.5HP)
 Displacement: 590l/min (20.8cfm)
 F.A.D. 385l/min (13.6cfm)
 Single Stage: 8 Bar
 Max pressure: 10 Bar
 Max duty cycle: 80%
 No of cylinders Two
 Pump RPM: 980 r/min
 V-Belt section: 2 x A (1727mm)
 520x380x450mm 35 kg

DIMENSIONS

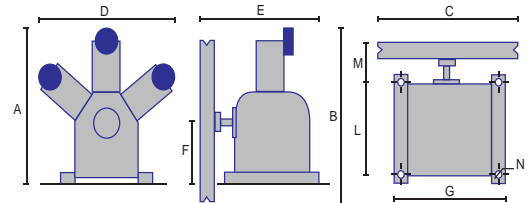
A - 400mm F - 140mm
 B - 455mm G - 295mm
 C - 365mm L - 125mm
 D - 520mm M - 135mm
 E - 275mm N - 10mm



Model: GE075270
 Match to motor: 5.5kW (7.5HP)
 Displacement: 910l/min (32.1cfm)
 F.A.D. 589l/min (20.8cfm)
 Single Stage: 8 Bar
 Max pressure: 10 Bar
 Max duty cycle: 80%
 No of cylinders Three
 Pump RPM: 1006 r/min
 V-Belt section: 2 x A (1727mm)
 670x460x670mm 65 kg

DIMENSIONS

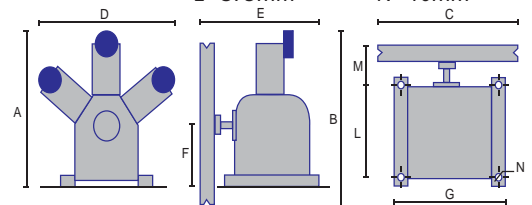
A - 485mm F - 140mm
 B - 510mm G - 295mm
 C - 370mm L - 160mm
 D - 610mm M - 140mm
 E - 310mm N - 10mm



Model: GE100270
 Match to motor: 7.5kW (10HP)
 Displacement: 1105l/min (39cfm)
 F.A.D. 804l/min (28.4cfm)
 Single Stage: 8 Bar
 Max pressure: 10 Bar
 Max duty cycle: 80%
 No of cylinders Two
 Pump RPM: 880 r/min
 V-Belt section: 2 x B (1778mm)
 700x560x700mm 105 kg

DIMENSIONS

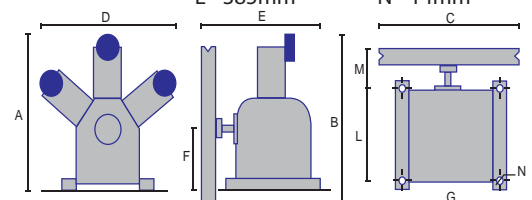
A - 470mm F - 170mm
 B - 690mm G - 350mm
 C - 515mm L - 150mm
 D - 620mm M - 210mm
 E - 375mm N - 10mm



Model: GE150500
 Match to motor: 11kW (15HP)
 Displacement: 1678l/min (59.3cfm)
 F.A.D. 1323l/min (46.7cfm)
 Single Stage: 8 Bar
 Max pressure: 10 Bar
 Max duty cycle: 80%
 No of cylinders Three
 Pump RPM: 885 r/min
 V-Belt section: 3 x B (1829mm)
 790x630x700mm 135 kg

DIMENSIONS

A - 595mm F - 190mm
 B - 675mm G - 350mm
 C - 515mm L - 170mm
 D - 720mm M - 200mm
 E - 385mm N - 14mm

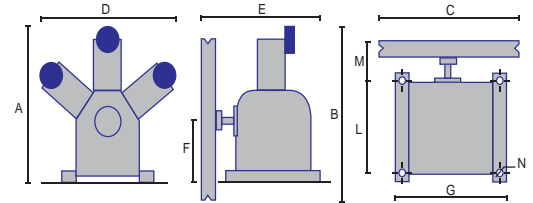




Model: GT030
 Match to motor: 3.0kW (4HP)
 Displacement: 340l/min (12cfm)
 F.A.D. 272l/min (9.6cfm)
 Two Stage: 12 Bar
 Max pressure: 14 Bar
 Max duty cycle: 80%
 No of cylinders Three
 Pump RPM: 1070 r/min
 V-Belt section: 2 x A (1397mm)
 520x380x450mm 26 kg

DIMENSIONS

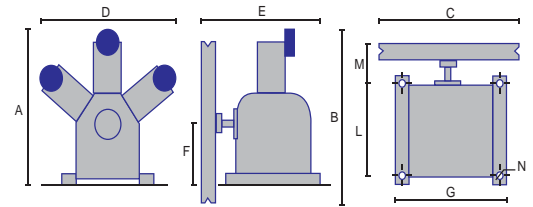
A - 370mm F - 120mm
 B - 410mm G - 220mm
 C - 265mm L - 150mm
 D - 450mm M - 95mm
 E - 250mm N - 5mm



Model: GT040
 Match to motor: 4.0kW (5.5HP)
 Displacement: 500l/min (17.6cfm)
 F.A.D. 400l/min (14.1cfm)
 Two Stage: 12 Bar
 Max pressure: 14 Bar
 Max duty cycle: 80%
 No of cylinders Two
 Pump RPM: 1250 r/min
 V-Belt section: 2 x A (1397mm)
 520x380x450mm 35 kg

DIMENSIONS

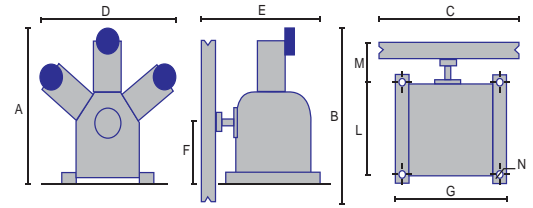
A - 380mm F - 110mm
 B - 410mm G - 220mm
 C - 265mm L - 150mm
 D - 485mm M - 105mm
 E - 265mm N - 5mm



Model: GT075
 Match to motor: 5.5kW (7.5HP)
 Displacement: 670l/min (23.7cfm)
 F.A.D. 648l/min (22.9cfm)
 Two Stage: 12 Bar
 Max pressure: 14 Bar
 Max duty cycle: 80%
 No of cylinders Two
 Pump RPM: 1060 r/min
 V-Belt section: 2 x B (1702mm)
 700x480x670mm 80 kg

DIMENSIONS

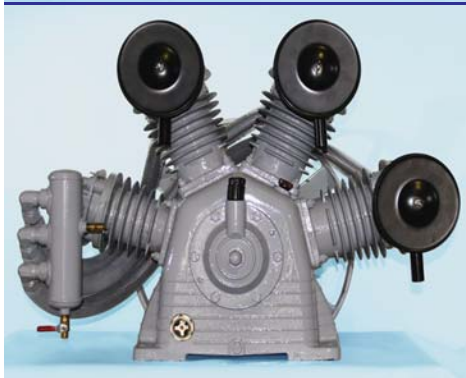
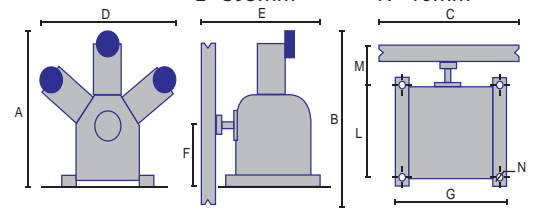
A - 470mm F - 165mm
 B - 570mm G - 350mm
 C - 515mm L - 150mm
 D - 580mm M - 205mm
 E - 360mm N - 10mm



Model: GT100
 Match to motor: 7.5kW (10HP)
 Displacement: 950l/min (33.5cfm)
 F.A.D. 837l/min (29.6cfm)
 Two Stage: 12 Bar
 Max pressure: 14 Bar
 Max duty cycle: 80%
 No of cylinders Three
 Pump RPM: 880 r/min
 V-Belt section: 3 x B (1778mm)
 720x580x700mm 120 kg

DIMENSIONS

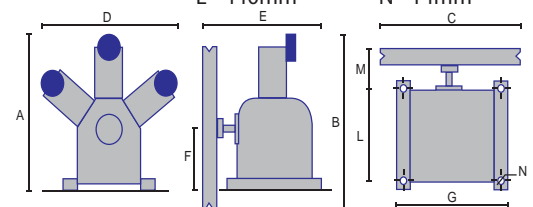
A - 590mm F - 190mm
 B - 670mm G - 350mm
 C - 515mm L - 170mm
 D - 690mm M - 210mm
 E - 395mm N - 10mm



Model: GT150
 Match to motor: 11kW (15HP)
 Displacement: 1484l/min (52.4cfm)
 F.A.D. 1265l/min (44.7cfm)
 Two Stage: 12 Bar
 Max pressure: 14 Bar
 Max duty cycle: 80%
 No of cylinders Four
 Pump RPM: 820 r/min
 V-Belt section: 3 x B (1803mm)
 800x650x680mm 155 kg

DIMENSIONS

A - 560mm F - 170mm
 B - 675mm G - 350mm
 C - 515mm L - 210mm
 D - 840mm M - 210mm
 E - 440mm N - 14mm





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