

Martin® 50L Passport Air Cannon

Martin® 50L Passport Air Cannons supply a powerful discharge of plant compressed air to dislodge material buildups and enhance the flow of bulk solids.

Features a valve concept that provides more force, uses less air, and simplifies installation and maintenance in challenging applications.

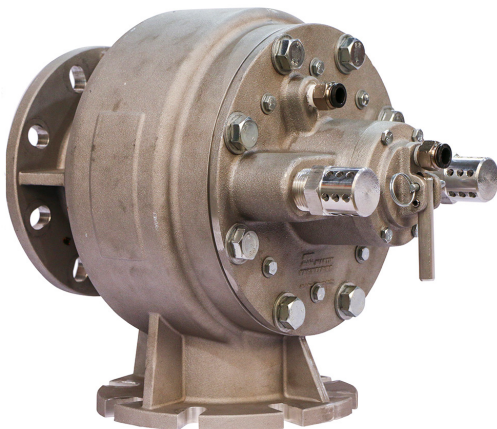
Martin® 50L Passport Air Cannons are designed for severe-duty applications where exposure to elevated service temperatures and harsh gases can affect performance. They have proven successful in applications outside cement kiln pre-heaters where the interior temperature exceeds 2000° F (1093°C).

BENEFITS

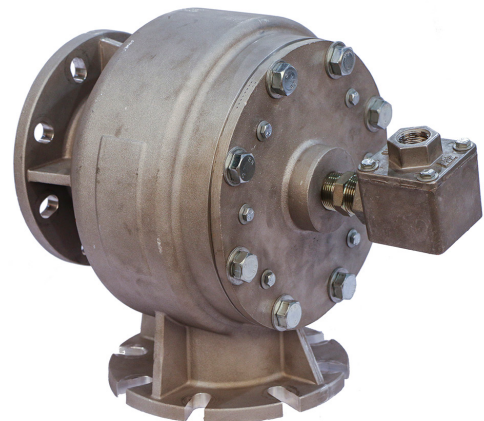
- **More Force Output**
High-velocity discharge of stored air enhances material movement.
- **Minimum Maintenance**
One-step maintenance holds down maintenance costs.
- **Simple Operation**
Single air line for fill and fire control.



Model	P/N
Martin® 50L Passport Air Cannon with Negative Firing Valve	A1A0501US
Martin® 50L Passport Air Cannon with Positive Firing Valve	A1A0502US



P/N A20004
Positive Pressure Firing Valve

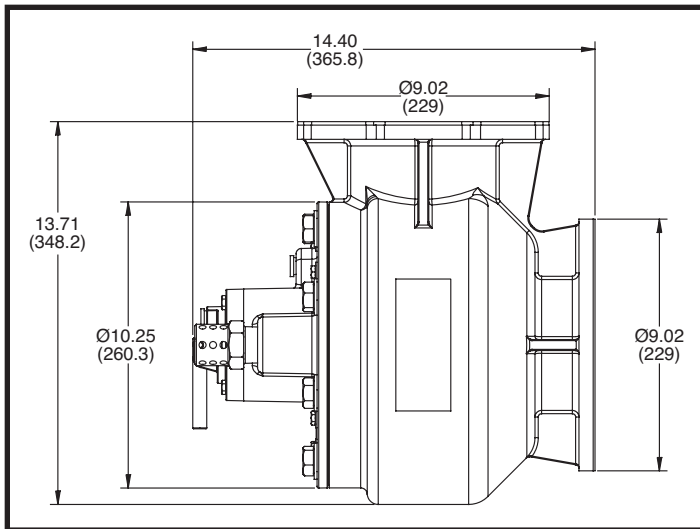
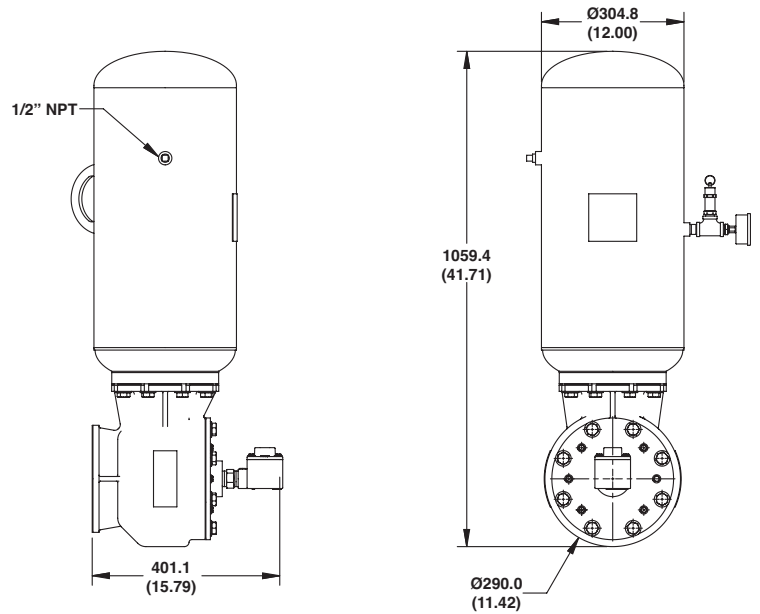


P/N A20003
Negative Pressure Firing Valve

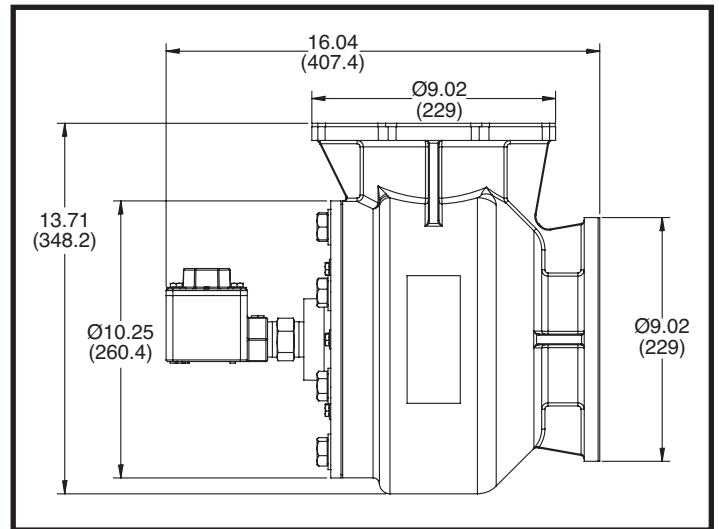
TECHNICAL DATA SHEET

AIR VOLUME IN CUBIC FEET FREE AIR (LITERS)

Air Pressure PSI	(Bar)	Air Volume cu/ft	L
0	(0)	1.70	(48)
40	(2.8)	4.63	(131)
50	(3.4)	5.78	(164)
60	(4.1)	6.94	(196)
70	(4.8)	8.10	(229)
75	(5.2)	8.67	(246)
80	(5.5)	9.25	(262)
85	(5.9)	9.83	(278)
90	(6.2)	10.41	(295)
95	(6.5)	11.00	(311)
100	(6.9)	11.57	(328)
110	(7.6)	12.72	(360)
120	(8.3)	13.88	(370)



P/N A20004
Positive Pressure Firing Valve



P/N A20003
Negative Pressure Firing Valve



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**COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001**

Problem Solved™ GUARANTEED!

Form No. L4161 - 2026/09
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