

Air-Loc® Manhole Testers



Air-Loc® manhole testers provide the most efficient, accurate, and cost-effective method of testing new, existing, and rehabilitated manholes, per ASTM C 1244.

Vacuum testing identifies infiltration and exfiltration problems by creating a vacuum in a manhole and then monitoring a gauge for vacuum loss. Less expensive and faster than water testing, the Air-Loc® manhole testers' remote-inflation and monitoring system keeps users away from the "danger zone."



Bladder-Style
Air-Loc®
Head Assembly

Bladder-Style Air-Loc® Head Assembly Features:

- Seals the inside diameter of the manhole at frame or cone
- Supported by a durable aluminum brace
- Push-pin rod design for easy depth adjustment



Plate-Style
Air-Loc®
Head Assembly

Plate-Style Air-Loc® Head Assembly:

- Designed to seal manhole cone surface
- Seals a wide range of manhole diameters
- Neoprene gasket for leak-free seal

Part#	Description	Sealing Range	Product Weight
Air-Loc® Manhole Testers: Bladder Style			
210248	24" Bladder Tester	20" - 24.3"	78 lbs (35 kg)
210268	26" Bladder Tester	21.5" - 26.3"	93 lbs (42 kg)
210298	29" Bladder Tester	24" - 29.3"	108 lbs (49 kg)
210308	30" Bladder Tester	25" - 30.3"	112 lbs (51 kg)
210328	32" Bladder Tester	27.5" - 32.8"	117 lbs (53 kg)
210368	36" Bladder Tester	31.5" - 36"	132 lbs (60 kg)

Part#	Description	Sealing Range	Product Weight
Air-Loc® Manhole Testers: Plate Style			
220328	32" Plate Tester	18" - 30"	48 lbs (22 kg)
220388	38" Plate Tester	18" - 36"	66 lbs (30 kg)
220448	44" Plate Tester	18" - 42"	87 lbs (39 kg)



Air-Loc®
Vacuum Pump

Air-Loc® Vacuum Pump Features:

- Choose a Honda or Briggs & Stratton engine—each with low-oil shut-off to prevent engine failure
- Heavy-duty frame with optional wheel kit
- Unbreakable aluminum filter jars
- Oil-free graphite vane pump for no-fuss lubrication
- Draws 10" HG vacuum in about two minutes for a 15' deep manhole

Part#	Description	Product Weight
Air-Loc® Vacuum Pump		
278088	Vacuum Pump w/ Honda Engine	178 lbs (80.7 kg)
278168	Vacuum Pump w/ Briggs Engine	179 lbs (81 kg)
045918	Wheel Kit Option	23 lbs (10 kg)



Air-Loc®
Vacuum Generator 460



Air-Loc®
Hi-Flo
Vacuum Generator 600

Air-Loc® Vacuum Generator Features:

- Converts standard air compressor into a vacuum source for testing manholes—draws a vacuum in minutes
- Vacuum generator 460 delivers 14 CFM at 10" HG
 - Air compressor: minimum 7 CFM at 100 PSI
- Vacuum generator 600 delivers 42 CFM at 10" HG, meeting or exceeding the competition
 - Air compressor: minimum 85 CFM at 100 PSI

Part#	Description	Product Weight
Air-Loc® Vacuum Generator		
200468	Vacuum Generator 460	5 lbs (2 kg)
200908	Vacuum Generator 600	11 lbs (5 kg)