

Portable **Elcometer High Volume Air Distribution Manifolds** (ADM) are designed to maintain a consistent air supply to multiple air powered devices.

- Heavy duty 6mm (¼") construction steel thickness
- Supplied with plug as standard
- Supply up to 6 different air powered devices
- Inbuilt moisture trap & baffle separates moisture from air supply
- Designed for use with air compressors, up to a maximum working pressure of 15bar (217psi)
- Built in lifting lugs and wheels for easy manoeuvring around site



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When connecting multiple air powered devices to a single compressor, the demands on air flow can vary as each device switches on or off. An **air distribution manifold (ADM)** can **reduce fluctuations** in demand, acting as a buffer, to provide a **more consistent air supply to multiple devices**.


ADM75
ADM150
ADM300

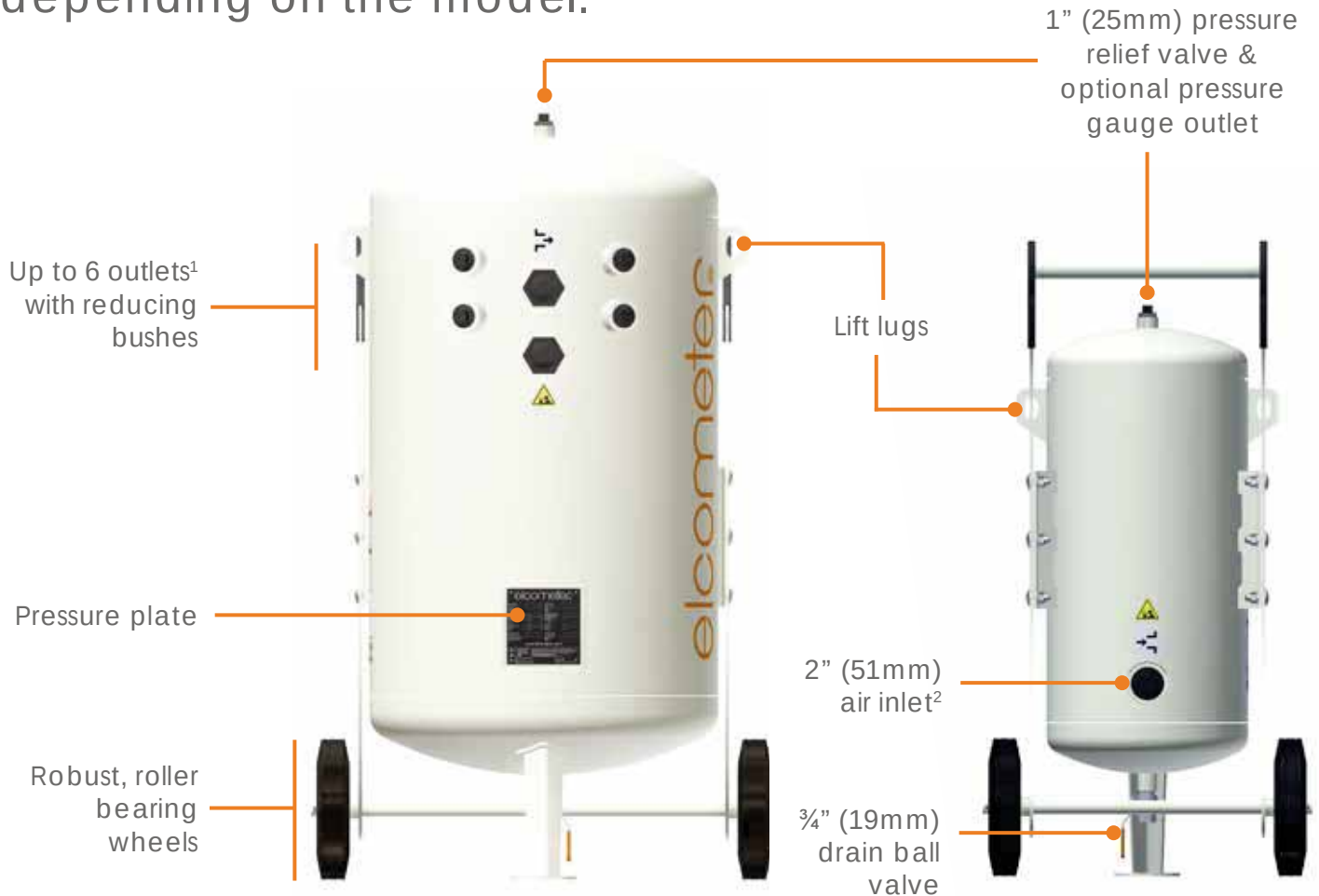
Capacity	75 litres (2.6cu ft)	150 litres (5.3cu ft)	300 litres (10.6cu ft)
Pot Diameter	353mm (13 ⁹ / ₁₀ "	492mm (19 ⁴ / ₅ "	604mm (23 ⁴ / ₅ "
Height	1155mm (45 ¹ / ₂ "	1155mm (45 ¹ / ₂ "	1365mm (53 ¹ / ₅ "
Width	663mm (26 ¹ / ₁₀ "	762.3mm (30"	846mm (33 ³ / ₁₀ "
Weight	90kg (198.4lb)	125kg (275.6lb)	205kg (452lb)
Air Inlet	1 x 50.8mm (2") BSP	1 x 50.8mm (2") BSP	1 x 76.2mm (3") BSP ¹
Number of Air Outlet Points	5	5	6
Air Outlet Dimensions	1 x 50.8mm (2") BSP ² 4 x 31.75mm (1 ¹ / ₄ " BSP	1 x 50.8mm (2") BSP ² 4 x 31.75mm (1 ¹ / ₄ " BSP	2 x 50.8mm (2") BSP ² 4 x 31.75mm (1 ¹ / ₄ " BSP
Pressure Relief Valve Outlet	1 x 25.4mm (1") BSP ³	1 x 25.4mm (1") BSP ³	1 x 25.4mm (1") BSP ³
Drain Outlet	1 x 19mm (3 ³ / ₄ " BSP Ball Valve	1 x 19mm (3 ³ / ₄ " BSP Ball Valve	1 x 19mm (3 ³ / ₄ " BSP Ball Valve
Max Working Pressure (WP)	15bar (217psi)	15bar (217psi)	15bar (217psi)
Operating Temperature Range	0 to 60°C (32 to 140°F)	0 to 60°C (32 to 140°F)	0 to 60°C (32 to 140°F)

¹ With 76.2mm (3") to 50.8mm (2") removable reducing bush fitted

² With 50.8mm (2") to 38.1mm (1¹/₂") removable reducing bush

³ To fit Elcometer PRV, a 12.7mm (0.5") reducing bush is required

Elcometer's Air Distribution Manifolds are designed with a range of features and benefits and the ability to connect **up to 6 different air powered appliances** at any one time, depending on the model.



The Elcometer Air Distribution Manifold is supplied with plugs so that when an air outlet is not in use, the compressed air does not escape.

The ADM features a moisture separation system to ensure there is minimal moisture in the compressed air that is dispensed, this works by cooling the air so that the water particles are removed, the water then drips out of the adjustable ball valve exiting the air distribution manifold.

Part Numbers

Part Number	Description
ADM75	75 litre (2.6cu ft) Air Distribution Manifold with 5 outlets
ADM150	150 litre (5.3cu ft) Air Distribution Manifold with 5 outlets
ADM300	300 litre (10.6cu ft) Air Distribution Manifold with 6 outlets

¹ Amount of outlets dependent on model

² Size of inlet dependent on model



Certified Pressure Relief Valves

Pressure relief valves must be incorporated into the system to meet global safety standards. Elcometer's certified pressure relief valves can be easily fitted to you Elcometer air distribution manifold which is fitted to the RCV4000+ remote control valves. Pressure relief valves are designed to discharge the compressed air in the blast machine upon reaching the crack pressure.

Part Numbers

Part Number	Description
MT28606	½" (13mm) Certified Pressure Relief Valve (12bar/174psi), BSP Thread
MT28607	½" (13mm) Certified Pressure Relief Valve (15bar/217psi), BSP Thread
MT30199	1" - ½" (25mm - 13mm) BSP Male-Female Reducing Bush - required for pressure relief valve



Reducing Bushes

Elcometer offer a range of reducing bushes that are resistant to corrosion and threaded to BSP standards. The reducing bushes are quick and easy to install to your air distribution manifold.

Part Numbers

Part Number	Description
MT30180	3" (76mm) - 2" (51mm) Male-Female Reducing Bush BSP
MT30181	2" (51mm) - 1½" (38mm) Male-Female Reducing Bush BSP
MT30187	2" (51mm) - 1¼" (32mm) Male-Female Reducing Bush BSP
MT29707	1½" (38mm) - 1" (25mm) Male-Female Reducing Bush BSP
MT28595	1½" (38mm) - ¾" (19mm) Male-Female Reducing Bush BSP
MT30201	1¼" (32mm) - 1" (25mm) Male-Female Reducing Bush BSP
MT30541	1¼" (32mm) - ¾" (19mm) Male-Female Reducing Bush BSP
MT29685	1" (25mm) - ¾" (19mm) Male-Female Reducing Bush BSP
MT30199	1" (25mm) - ½" (13mm) Male-Female Reducing Bush BSP



Plugs

Designed to stop air leaving the outlets you are not currently using, Elcometer's plugs come in a range of sizes and are threaded to BSP standards.

Part Numbers

Part Number	Description
MT30183	2" (51mm) BSP Plug
MT30182	1½" (38mm) BSP Plug
MT30184	1 ¼" (32mm) BSP Plug
MT29681	1" (25mm) BSP Plug
MT30099	½" (13mm) BSP Plug
MT28596	¼" (6mm) BSP Plug

Air Supply Ball Valves

Air supply ball valves are fitted between the air hose and the moisture separator to isolate the compressor when undertaking maintenance work. The valves disconnect the compressed air from the blast machine for safe work.

Part Numbers

Part Number	Description
MT30189	3" (76mm) BSP male-female Ball Valve
MT30191	2" (51mm) BSP male-female Ball Valve
MT29177	1 ½" (38mm) BSP male-female Ball Valve
MT30193	1 ¼" (32mm) BSP male-female Ball Valve
MT30195	1" (25mm) BSP male-female Ball Valve
MT28610	¾" (19mm) BSP male-female Ball Valve
MT28619	¼" (6mm) BSP Female-Female Ball Valve
MT30085	¼" (6mm) BSP Male Adaptor



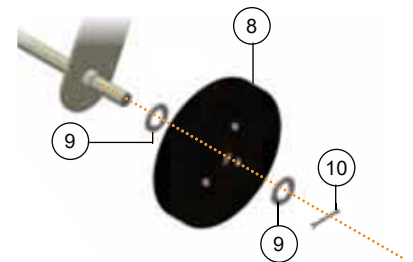
Universal Coupling

Part Numbers

Part Number	Description
4 Claw Hose Couplings:	
MT30220	2" (51mm) 4 Claw Coupling
MT30219	1½" (38mm) 4 Claw Coupling
2 Claw Hose Couplings:	
MT30543	1¼" (32mm) 2 Claw Coupling
MT30222	¾" (19mm) 2 Claw Coupling



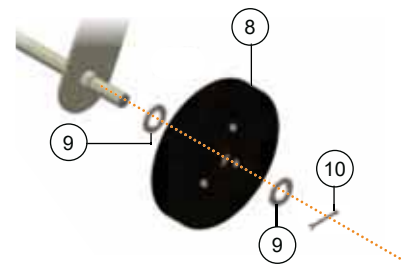
Elcometer 75L Air Distribution Manifold



Spare Parts

Item	Part Number	Description
1	MT30181	2" - 1½" BSP Reducing Bush
2	MT30183	2" BSPT Plain Plug Solid
3	MT30182	1½" BSPT Plain Plug Solid
4	MT30184	1¼" BSPT Plain Plug Solid (x4)
5	MT29681	1" BSPT Plain Plug Solid
6	MT30095	¾" (19mm) Ball Valve Handle
7	MT28610	¾" (19mm) Ball Valve Assembly (includes MT30095 Ball Valve Handle)
8	MT28636	Ø250mm (9.8") Diameter Wheel (x1)
9	MT29697	Flat Washer (x4)
10	MT29698	Split Cotter Pin (x4)
11	MT29601	Protective Edging Strip Kit (2.7m) (8.9ft)
-	MT29180	Elcometer Safety Label Kit

Elcometer 150L Air Distribution Manifold



Spare Parts

Item	Part Number	Description
1	MT30181	2" - 1½" BSP Reducing Bush
2	MT30183	2" BSPT Plain Plug Solid
3	MT30182	1½" BSPT Plain Plug Solid
4	MT30184	1¼" BSPT Plain Plug Solid (x4)
5	MT29681	1" BSPT Plain Plug Solid
6	MT30095	¾" (19mm) Ball Valve Handle
7	MT28610	¾" (19mm) Ball Valve Assembly (includes MT30095 Ball Valve Handle)
8	MT28636	Ø250mm (9.8") Diameter Wheel (x1)
9	MT29697	Flat Washer (x4)
10	MT29698	Split Cotter Pin (x4)
11	MT29601	Protective Edging Strip Kit (2.7m) (8.9ft)
-	MT29180	Elcometer Safety Label Kit



Spare Parts

Item	Part Number	Description
1	MT30180	3" x 2" BSP Reducing Bush
2	MT30181	2" - 1½" BSP Reducing Bush
3	MT30183	2" BSPT Plain Plug Solid
4	MT30182	1½" BSPT Plain Plug Solid (x2)
5	MT30184	1¼" BSPT Plain Plug Solid (x4)
6	MT29681	1" BSPT Plain Plug Solid
7	MT30095	¾" (19mm) Ball Valve Handle
8	MT28610	¾" (19mm) Ball Valve Assembly (includes MT30095 Ball Valve Handle)
9	MT28636	Ø250mm (9.8") Diameter Wheel (x1)
10	MT29697	Flat Washer (x4)
11	MT29698	Split Cotter Pin (x4)
12	MT29601	Protective Edging Strip Kit (2.7m) (8.9ft)
-	MT29180	Elcometer Safety Label Kit

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