



ClearSpray™ M10 Spraying System

Pressurized spraying system for the safe and easy application of Ritec ClearShield® durable 'non-stick' glass surface protection in your premises.

application equipment



TECHNICAL SPECIFICATIONS

Model:	ClearSpray™ M10
Working Pressure:	Approx 5.0 Bar
Safety Pressure:	Pressurized to 15 Bar (meets safety regs)
Autostop:	Approx 5.0 Bar, auto air pressure regulator
Air Pressure Relief:	Safe decreased pressure outlet 1 Bar Max
Fittings:	Quick release fittings
Typical Coverage at 1.32 gallons:	Continuous spray at 5 Bar 1720 ft ² ±110 ft ² on normal float glass
Pressure Container	
Dimensions:	Height 11.6" x width 8.9"
Weight:	12.6 lb, including spray gun
Composition:	Stainless steel
Composition Machine Parts:	Stainless steel
Maximum Capacity:	Liquid 1.85 gallons / 7 liters
Air Dryer	
Dimensions:	Height 6.4" x width 3"
Weight:	2.2 lb including hose
Silica Desiccant:	Corn with moisture indicator
Maximum Temperature:	126°F
Maximum Pressure:	10.3 Bar
Maximum Continuous Airflow*:	0.08 ft ³ /s
Total Airflow*:	10 ft ³ /s
Total Operational Time @	
Maximum Continuous Airflow:	120mins

*With dry desiccant at 100 psi (7 bar) and 70°F

Practical • Easy to use • No moving parts • Reliable

Safe to Use

The ClearSpray™ M10 Sprayer is designed and manufactured to meet the requirements of the ASME VIII standard and adheres to all current H&S regulations. The entire machine has been produced using proven and reliable materials.

Reliable

The ClearSpray™ M10 Sprayer has been designed without any rotating and / or moving parts to reduce maintenance to an absolute minimum.

Quick Release fittings

For uninterrupted work and applicator ease, all connectors incorporate quick release fittings.

Manual Desiccant Dryer & Condensation

For maximum effectiveness the ClearSpray™ M10 Sprayer is supplied with a desiccant dryer, this removes water vapor from the compressed air system. To avoid condensation inside the ClearSpray™ M10 Sprayer, a high quality silica gel corn desiccant dryer with a color indicator has been built into the system. Visible through the clear polycarbonate plastic bowl, it changes from blue (meaning dry) to pink (meaning wet) to indicate the need to replace the desiccant.

Compressed Air

To build up air pressure in the M10 Sprayer, a small compressor will suffice. However, as most glass processors and sandblasters already have air compressors installed in their factories, the ClearSpray™ M10 Sprayer can simply be connected to their existing air systems for air pressurization. Once the air pressure is built up, the ClearSpray™ M10 Sprayer may be disconnected by simply pressing the release button. Once disconnected, the ClearSpray™ M10 Sprayer is 'standalone' and portable.



application equipment

Using the ClearSpray™ M10 Sprayer

A simple and straightforward air compressor will pressurize the machine. An automatic pressure stop is built into the system to ensure the machine does not exceed the set air pressure value (75 psi).

All connecting valves of the machine are fitted with stainless steel, quick fitting release mechanisms. After successfully pressurizing the ClearSpray™ M10 Sprayer, the air hose coil may be disconnected and the air valve will automatically close.

Depressurization of the system is carried out using the pressure relief valve; this should only be required when filling the pot with ClearShield®.

The maximum capacity of the pressure pot is 1.85 gallons (we advise only to fill up to 1.3 gallons). With an air pressure of approx 5 Bar, this enables an applicator to carry out the spraying undisturbed for typically 1720 ft² ± 110 ft² on normal float glass before additional product and renewed air pressurization is needed.

Working Pressure

For efficient and economic spraying, the machine is pre-set at a working pressure of maximum 5.0 Bar. The ClearSpray™ M10 Sprayer has a pressure relief valve set at 5.5 Bar to avoid over-pressurization.

Depressurization of the System

When the ClearSpray™ M10 Sprayer needs refilling, the machine must be depressurized (the top mounted filling cap will not open otherwise). To depressurize the Sprayer, simply shut the air inlet valve or disconnect the air inlet line, then pull upwards the pressure relief valve using the ring pull.

Spare Parts

Please call us on 1-847-671-4584 to order.



Brass Teflon Valve Seat
Product code: 930206



Stainless Steel Pressure Pot
Product code: 930920



MF 1/4 BSP Ball Valve
Product code: 930944



Spray Gun
Product code: 930208



1/4 BSP Air Dryer
Product code: 930925



3/16 Tapered Nipple
Product code: 930946



Spray Gun T-Jet Disc Strainer
Product code: 930210



F/Male Thread 1/4 BSP
Product code: 930930



Pressure Relief Valve
Product code: 930950



Spray Gun T-Jet Nozzle
Product code: 930217



Hose Tail
Product code: 930932



Fixed Regulator
Product code: 930953



Cup Washer (EPDM)
Product code: 930222



60 Coned Seat Male 1/4 BSP Hose Tail
Product code: 930934



Blue Coiled Hose (20')
Product code: 930954



FF 1/4 Mini Ball Valve 9
Product code: 930310



O-Clips (7/16"-33/64")
Product code: 930936



1/4 BSP Bottom Mounted Pressure Gauge
Product code: 930955



Draper Combination Spanner (53/64")
Product code: 930500



Air Line 1/4 PVC Black (39 1/3")
Product code: 930938



Silica Pack
Product code: 930960