



ClearSpray™ M10 Spraying System

Ritec ClearShield® is a non-flammable product that can be sprayed safely. The ClearSpray™ M10 is a pressurized spraying system that is both practical and easy to use.



TECHNICAL SPECIFICATONS

Model: ClearSpray™ M10
Working Pressure : Approx 5.0 Bar
Safety Pressure: Pressurised 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 ft² ±110 ft² 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"mm 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 ft³/s
Total Airflow*: 10 ft³/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
930206



Spray Gun
930208



T-Jet Disc Strainer
930210



Spray Gun T-Jet Nozzle
930217



Cup Washer (EPDM)
930222



FF 1/4 Mini Ball Valve 9
930310



Lid O-Ring
930403



Spanner
930500



Stainless Steel Pressure Pot
930920



1/4 BSP Air Dryer
930925



F/Male Thread 1/4 BSP
930930



Hose Tail
930932



60 Coned Seat Male BSP
930934



O-Clips
930936



Air Line 1/4 PVC Black (1m)
930938



MF 1/4 BSP Ball Valve
930944



316 Tapered Nipple
930946



Pressure Relief Valve
930950



Fixed Regulator
930953



Blue Coiled Hose (26')
930954



1/4 BSP Bottom Mounted Pressure Gauge
930955



Silica Pack
930960