



Mastercool[®] Inc.
"World Class Quality"

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Spark Free Twin Turbo Refrigerant Recovery Machine

DESIGNED SPECIFICALLY FOR EXPLOSIVE ENVIRONMENTS

Our certified equipment is engineered to eliminate potential ignition sources, including electric sparks and arcs, electrostatic discharges, electromagnetic waves, ionizing radiation, hot surfaces, flames, and hot gases, mechanically generated sparks, optical radiation, chemical flame initiation, and adiabatic compression. To help you comply with the ATEX Directive, Mastercool provides a Spark Free Refrigerant Recovery Machine certified for explosion-proof operation across various protection categories.



SPECIFICATIONS:

- Rated Voltage: 220V
- Frequency: 50/60 Hz
- Full Load Amperage: 7.6A
- Output: 1/2 HP
- Locked Rotor Amperage: 25.2 A
- Class: A
- Continuous Duty
- Design Pressure: 400 psi outlet, 175 psi inlet
- Compressor: Spark free 1/2 HP dual-piston oil-less (high performance/Safety)
- Operating Temperature: 32 to 122°F
- Material: High-density polyethylene (HDPE) hard plastic case
- Compatible Refrigerants: All CFC, HCFC, HFCs and A2L and A3 flammable refrigerants

Maximum Recovery. Spark Free. Built for the Toughest Jobs.

Mastercool's Spark Free Twin Turbo Combustible Gas Recovery Machine is built specifically to handle combustible and standard refrigerants in HVAC and automotive systems. It's spark free components are optimized for efficiency and ensure safe operation when working with flammable refrigerants. With recovery rates among the highest in the industry it meets the demands of rigorous refrigerant recovery tasks.

The enhanced internal structure of Mastercool's Spark Free Twin Turbo Combustible Gas Recovery Machine allows for maximum recovery capacity while at the same time decreasing size and weight. The design of the spark free dual piston oil-less compressor provides maximum recovery efficiency while the high-volume cooling fan and condenser ensures optimal cooling efficiency which keeps the compressor working at higher capacities. A safety high pressure cut-off switch automatically stops operation if pressure levels exceed safe limits while the purge valve ensures 100% refrigerant removal from the condenser and recovery machine. Encased in a durable, reinforced plastic shell, Mastercool's Spark Free Twin Turbo Combustible Gas Recovery Machine is engineered to endure challenging work environments, all while delivering fast and efficient performance.

FEATURES:

- **Spark free components** ensures safe operation even when working with flammable refrigerants complying with industry standards
- **Safety high pressure cut-off switch** automatically stops operation if pressure levels exceed safe limits which protects both the user and the equipment
- **Spark free dual-piston oil-less compressor** delivers maximum recovery efficiency while reducing size and weight while delivering safe recovery of all A2L/A3 refrigerants
- **High volume cooling fan** prevents overheating and ensures a consistent performance in high-temperature environments
- **Largest volume recovery rate** in the market allowing technicians to handle demanding jobs
- **Works with all refrigerants** including CFCs, HCFCs, HFCs and A2L and A3 flammable refrigerants making it ideal for both HVAC and automotive recovery tasks.
- **Durable and portable** with its injection molded high density polyethylene case and built-in bumper guards for enhanced impact resistance
- **Purge valve** for full refrigerant removal
- **Sealed crank case** eliminates refrigerant loss during the recovery process

69395-220-ATEX: Automatic ATEX Approved Spark Free Refrigerant Recovery Machine

69395-220-EU-ATEX: Manual ATEX Approved Spark Free Refrigerant Recovery Machine



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