# MR45

## MR45 Refrigerant Recovery Machine

RIGHT STUFF

Fieldpiece

Tools HVACR Pros Trust

## Refrigerant Recovery Machine

Variable Speed
1 HP DC Motor

### Performance

- Super Fast (1 HP @ 3000 RPM)
- Adjusts for Voltage Drop
- Extra Large Condenser
- Rubber Protection
- Abrasion Resistant Cylinders
- Self Purge

### Comfort

- Lightweight (22 lbs)
- Smooth and Quiet
- Blue Backlit LCD
- Easy Port Access
- Single Routing Knob
- Cord Storage

MR45

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CAUTION

Refrigerant recovery can be dangerous.
This machine should only be used by those professionals trained and certified in refrigerant recovery.
Read and understand operator's manual before use.
Do not use with hydrocarbons.

Compatible with Class III, IV, and V Refrigerants
R12, R134A, R22, R401A (MP39), R401B, R401C, R402A, R402B, R404A, R407A, R407B, R407C, R407D, R408A, R409A, R410A, R411A, R411B, R412A, R500, R502, R507, R509.

### MR45 Specifications

| | |
|---|---|
| Display | 2 x 10000 count LCD with status messages |
| Backlight | Blue color |
| Pressure Sensor Range | -30" Hg to 500 psig |
| Pressure Sensor Units | Inches Hg, psig |
| High Flow Low Limit | 1 step (1" Hg, 1.5 lbs/ 2 oz/Hg) |
| | 0.13 lbs/ oz (1 inHg), 3 lbs/ 2 oz/Hg) |
| Measurement Rate | 3.2 times per second, nominal |
| Final Recovery Vacuum | 0.2 inches Hg |
| Compressor | 1 HP (variable speed/ soft start) |
| Oil Mister | 1 HP (variable speed/ soft start) |
| Power Source | 90 to 130 VAC @ 60 Hz |
| Max Current Draw | 15 Amps |
| Valve | Single dual-core ball valve |
| Input Port Filtration | 5 mm mesh screen, stainless |
| Ingress Protection | IP24 |
| Dimensions | 14" x 13" x 13.5" |
| | (356 mm x 292 mm x 344 mm) |
| Weight | 22 lbs |
| Patent Pending | |

### Comfortable High Performance

From HVACR's leading tool company comes MR45. Pump refrigerant easier and quicker than ever before. Connect your hoses without navigating around dark tight spaces. View status messages and pressures directly on the big bright display. Carry the machine at the end of a long day to and from the job site easily and well protected from environmental hazards. Turn the single rubberized control valve to route refrigerant through MR45, and use the self-purge function to pump the last traces into the recovery cylinder instead of being left in the machine or released into the environment.

The variable smart speed DC motor is quieter, faster, smoother, and lighter for increased performance and comfort. Liquid slugging is minimized and vapor recovery is maximized. The advanced motor control also adjusts to match incoming voltage so that your machine works with longer extension cords or when the power grid is over capacity on hot days. Do more with MR45.

MR45

Serial Number

Model: MR45 P/N 3010

IN ACCORDANCE WITH SECTION 608 OF THE CLEAN AIR ACT
THIS EQUIPMENT HAS BEEN CERTIFIED BY UNDERWRITERS LABORATORIES INC. TO MEET EPA'S MINIMUM REQUIREMENTS FOR RECYCLING EQUIPMENT INTENDED FOR USE WITH R12, R134A CONTAINING ANY MEDIUM, MEDIUM HIGH AND HIGH PRESSURE REFRIGERANTS LISTED IN TABLE 4, SAFE 708.

## MR45 Refrigerant Recovery Machine

### Lightweight (22 lbs)

- DC motor is small and light.
- Pull it up the side of a building.
- Carry it comfortably.

### Smoother and Faster

- Smooth liquid recovery.
- Variable smart speed motor maximizes performance.
- Rubber feet and motor mounts reduce noise and vibrations.
- 1 horsepower motor supplies speed and power.
- Extra large condenser cools faster, especially on hot days.

### Reliable

- Active electronic monitoring protection system.
- Rubberized housing protects components.
- Ceramic cylinders resist abrasion.
- Rail slides protect the machine and building.
- Long lasting piston seals.
- Protected electronics for rainy days (IP24).
- Operating voltage between 95 and 130VAC.

### IN/OUT Port Upgrades

- Ports face out for easy access and direct flow.
- Ports elevated from ground.
- Rubber bumpers protect ports.
- Room around ports for large gloved hands.
- Mesh screen fitting stays in place when removing hoses.
- Large rubberized dual-port routing knob.

### Digital Display

- Easily read the large digits.
- Status messages clarify operation.
- Blue backlight helps in darker situations.
- Withstands long days in the sun and rain.

### And More

- Power cord stores on the handle.
- Room to hook the handle for hoisting to the roof.
- Self purge protects MR45 and our environment.
- Mobile alarm.

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