

# REFRIGERANT RECOVERY MACHINE

PCE-RRM 250



- » Incoming pressure up to 38.5 bar
- » Outgoing pressure up to 55 bar
- » For refrigerants (e.g. R12, R134a, R22, R401B, R402A)
- » Overload protection: 8 A
- » Motor power: 0.75 hp
- » Compressor: Oil-free, air-cooled
- » Connections: 1/4 inch SAE
- » Speed: 1,450 RPM

With an inlet pressure of up to 38.5 bar, the digital manifold gauge is a reliable solution for a wide range of applications in air conditioning maintenance, refrigeration technology, the automotive industry, industrial processes and environmental technology. The filter dryer is suitable for a wide range of refrigerants such as R134A, R22, R12, R410A, R404A, R502 etc.

Equipped with an integrated overload protection circuit breaker, our refrigeration unit with 3/4 HP brush motor offers reliable protection against damage caused by excessive current flow. With a flow rate of up to 2.2 kg/min for liquid refrigerant, it ensures efficient and fast recovery. A precise pressure gauge enables accurate monitoring of the pressure. If the pressure reaches or exceeds 38.5 bar, recovery is automatically stopped to ensure the safety and integrity of the system. Our device is equipped with a filter drier that removes particles and impurities from the refrigerant and absorbs moisture to protect the refrigeration meter from corrosion and wear damage.

A clean refrigerant increases the service life and performance of the refrigeration system. The "purge" function activates the self-cleaning of the Freon refrigerant recovery unit, which safely channels the excess refrigerant into the recovery tank while reducing the risk of machine damage due to expansion. The refrigerant recovery unit is compact and lightweight (approx. 13 kg), yet extremely robust and durable.

## Specification

### Pressure

Measuring range up to 0 ... 38,5 bar

Resolution 0,5 bar

### Pressure

Measuring range up to 0 ... 558 psi

Resolution 5 psi

### Suction rate liquid

Category 3 1,6 kg/min

Category 4 1,8 kg/min

Category 5 2,2 kg/min

### Suction rate push/pull

Category 3 4,6 kg/min

Category 4 5,6 kg/min

Category 5 6,3 kg/min

### Steam suction rate

Category 3 0,2 kg/min

Category 4 0,25 kg/min

Category 5 0,25 kg/min

### General technical data

Connections 1/4 inch SAE

Current consumption measuring device 4 A

Refrigerant R12, R134a, R401C, R406A, R500, R22, R401A, R401B, R402B, R407C, R407D, R408A, R409A, R502, R509, R402A, R404A, R407A, R407B, R410A, R507, R411A, R411B, R412A

Motor power 0,75 PS

Compressor Oil-free, Air-cooled, Piston

Flow rate 2,2 kg/m

Overload protection 8 A

Overpressure 38,5 bar

Speed 1450 RPM

Protection class (device) IP30

Power supply 110 ... 220V AC | 50/60 Hz

Connector type Earthing contact plug

Operating conditions 0 ... 40 °C , 20 ... 85 %RH

Storage conditions 0 ... 40 °C , 20 ... 85 %RH

Dimensions ( L x W x H ) 400 x 250 x 360 mm

Weight 12900 g