

54292
AIR CONDITIONING CHARGING MACHINE
TECHNICAL SPECIFICATIONS

Compressor power	3-8HP
Compressor capacity	12cm ³
Vacuum pump power	180W
Refrigerant recovery rate	450-800g/min Gas/Liquid
Recovery percentage	99%
Refrigerant charging rate	800g/min
Vacuum pump capacity	42L/min
Refrigerant tank capacity	12L
New oil capacity	300ml
Used oil capacity	500ml
Operating temperature	10/50°C
Maximum pressure	20BAR
Screen	55x85mm
Power supply	220V+-10%, 50/60Hz
Type of coolant	R134A/R1234YF
Weight	52Kg
Dimensions (LxWxH)	1135x660x530mm

The new JBM air conditioning charging machine features several key improvements to optimize performance and ease of use:

Optimized charging speed:

The machine now offers a faster charging speed, with a capacity of over 2 kg/min. This enables more efficient recharging, reducing operation time and improving productivity.

Vacuum pump:

This 42L/Min vacuum pump is designed to balance speed and precision in the vacuum process. A more controlled and gentle vacuum ensures air and moisture are efficiently removed without compromising refrigerant charging or AC system performance. It generates less noise and vibration, contributing to a more comfortable working environment. It also reduces the risk of overheating



and optimizes energy consumption, making the machine more durable and resource-efficient.

Optimized layout:

The new machine features an improved layout, along with a hinged screen, to provide easier access to valves and key components for inspection and maintenance. By reorganizing elements and reducing constraints, operational efficiency is improved, ensuring optimal performance of all components.

New leak test mode:

The machine includes a new leak test mode, designed to prevent future repairs and ensure that vehicle air conditioning systems are working properly. This test mode verifies system integrity, ensuring good performance and avoiding long-term issues.

