

# FREDDOX RECOVERY UNIT FD-520D



The Freddox FD-520D represents an intelligent unit featuring a brushless motor, a digital pressure gauge, and a digital integration module.

The unit excels in facilitating rapid and dependable recovery and filling operations for refrigerant circuits, due to its robust 1HP brushless motor, which employs sparkless technology to ensure compatibility with a wide range of refrigerants, including flammable R32 and R1234yf.

The FD-520D is designed for convenience, featuring a compact double cylinder design that provides swift recovery, lightweight portability, and exceptional field performance. It is equipped with a high-definition LCD screen displaying a digital gauge, all controllable with a single button for seamless operation.

## Features

- Safe Sparkless design suitable with light flammable refrigerant HFO/HFC blends as R32 or R1234yf
- Compact and light weight design easy to carry
- Digital gauge with refrigerants pre-registered
- HD LCD Display with back light for night use
- Oilless compressor
- Self-cleaning mode to avoid mixing different refrigerants with auto cut
- Powerful motor 1HP (750W)
- High pressure protection

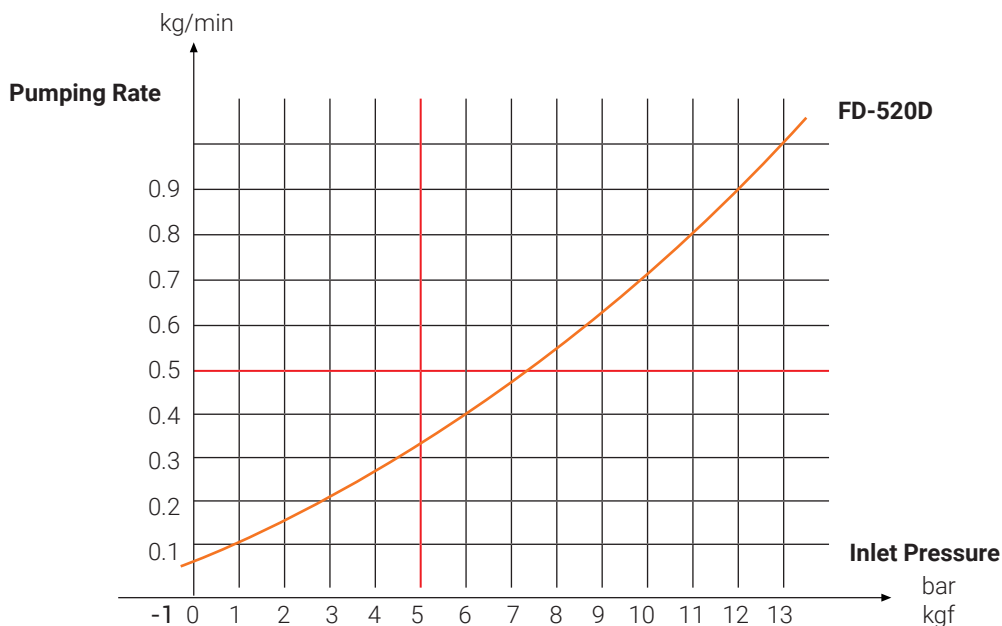


# TECHNICAL DATA

## Freddox Recovery Unit

### RECOVERY UNIT FD-520D

<b>BRIC Code</b>	4401-FD520D		
<b>Cylinder Quantity</b>	2 Cylinder		
<b>Power Supply</b>	220V - 240V, 50/60Hz		
<b>Motor</b>	750W (1HP)		
<b>Speed of Revolution</b>	2500 RPM		
<b>Electric Current</b>	220V:6A		
<b>Compressor</b>	No oil lubricate, forced air cooling, piston type		
<b>High Pressure Protection</b>	38.5 bar / 3850 kPa (558 psi)		
<b>Operating Temperature</b>	0°C ~ 40°C / 32°F ~ 104°F		
<b>Dimensions</b>	375 x 250 x 320 mm		
<b>Net Weight</b>	10 kg		
<b>Refrigerant Gas</b>	R134a	R407C	R32
<b>Liquid</b>	2.40 kg/min	2.70 kg/min	3.50 kg/min
<b>Push-pull Mode</b>	7.50 kg/min	8.50 kg/min	9.50 kg/min



Note: The gas pumping rate is proportional to the inlet pressure.

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