

# **ROBINAIR 25175B** **Refrigerant Recovery System**



## FEATURES & BENEFITS

- New improved technology for maximum performance
- Recovers all commonly used CFC, HFC and HCFC refrigerants (including R410A [Puron™])
- Proprietary "Oil-Less" Compressor handles both liquid and vapor straight through the compressor and is compatible with all refrigerant oils
- Unit is encased in a polyethylene blow molded case - corrosion proof and resistant to rough handling
- New semi-hermetic compressor design is ruggedly built and allows the technician to service the compressor (4 compressor repair kits available) – no down time.
- 3 row condenser provides more efficient flow and transfer of refrigerant in high ambient / temperature conditions
- Unit includes a self-purge feature that allows the technician to purge all moisture, contaminants and excess refrigerants from the recovery machine without the need of a vacuum pump. This eliminates the potential for system cross contamination.
- 550-psi cut-off switch for technician's safety.
- All units shipped from factory pre-wired to accept optional 80% Capacity Shut Off Kit (KT5001)
- Available as model 25175B-KT, with the 80% Capacity Shut Off Kit installed at the factory
- Also Available as model 25176B (220V-240V, 50/60Hz) European Version (power cord not included), and 25177B (100V, 60Hz), Japanese Version
- In-line filter/drier provided with all units
- ARI – 740 certified
- 1 Year No Hassle Warranty with full over the counter exchange



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# ROBINAIR 25175B Refrigerant Recovery System

Per ARI 740  
Approved for use with:

•R-12	•R-407C
•R-22	•R-407D
•R-134A	•R-408A
•R-401A	•R-409A
•R-401B	•R-410A
•R-401C	•R-411A
•R-402A	•R-411B
•R-402B	•R-412A
•R-404A	•R-500
•R-406A	•R-502
•R-407A	•R-507
•R-407B	•R-509

## 25175B Performance Specifications

		Refrigerant Class		
		Category III	Category IV	Category V
Push/Pull Recovery Rate	Lbs. / min.	10.11	12.54	13.51
	kg / min	4.59	5.69	6.13
Liquid Recovery Rate	Lbs. / min.	3.41	3.85	3.83
	kg / min	1.55	1.75	1.74
Vapor Recovery Rate	Lbs. / min.	0.22	0.30	0.33
	kg / min	0.10	0.14	0.15
High Temp. Vapor Recovery Rate	Lbs. / min.	n/a	0.33	n/a
	kg / min	n/a	0.15	n/a
Final Recovery Vacuum	kPa	33.6	33.6	33.6
Refrigerant Loss	Weight %	0.02	0.02	0.02
Residual Trapped Refrigerant	kg	< 0.05	< 0.05	< 0.05

### TECHNICAL SPECIFICATIONS

Compressor:	> 100:1 compression ratio, air cooled, machined aluminum alloy components, poppet style valves, hardened oxide coated cylinder walls with triple teflon-ceramic polymer piston seals
Drive Train:	Direct Drive, 1/2 Horsepower cap start, inductive run, brushless AC motor
Motor Speed:	1725 RPM
Power Supply:	110-125 VAC, 60 Hz
Current Draw:	10A Max
Weight:	34lbs
Dimensions:	10.5" D 20" H 12.5" W

### OPTIONAL ACCESSORIES

KT5001	80% Capacity Shut Off Kit
RGT30	30lb Recovery Tank (350psi working pressure) with capacity sensor
RGT30NS	Same as RGT30, without sensor
RGT50	50lb Recovery Tank (350psi working pressure) with capacity sensor
RGT50NS	Same as RGT50, without sensor
RGT50HP	50lb Recovery Tank, High Pressure (400psi working pressure) with capacity sensor. For use with R410A
ADS-100	Refrigerant Scale, 200lb capacity, with removable platform



**SPX**

**ATP**  
ADVANCED TEST PRODUCTS