

Refrigerant Recovery Unit



Features

- Recover all commonly used refrigerants (CFC, HCFC, HFC), including R410A.
- 1/2 HP&1HP, oil-less compressor recovers both vapor and liquid refrigerant quickly.
- Heavy duty industrial grade condenser and cooling fan.
- Oil separator device for recycling refrigerant.
- High pressure safety Shut-off switch.
- Filter/Drier removes both moisture and acid from the refrigerant.
- Ergonomic and compact design makes it easy to carry and use.
- Design for residential, commercial and automotive A/C system.
- Optional 80% capacity shut off kit to prevent from overfilling the storage tank.
- Suitable for all the main voltage standard in the world.

Refrigerant Recovery Unit Standard Series



• Chinese patent



Model		RECO250/RECO250D		
Refrigerants		Cat.Ⅲ：R-12, R-134a, R-401C, R-406A, R-500		
		Cat.Ⅳ：R-22, R-401A, R-401B, R-402B, R-407C, R-407D, R-408A		
		R-409A, R-411A, R-411B, R-412A, R-502, R-509		
		Cat.Ⅴ：R-402A, R-404A, R-407A, R-407B, R-410A, R-507		
Power		110-127V/60HZ	220-240V 50/60HZ	110-220V 50/60HZ
Motor		1/2HP AC;Capacitor start		
Max. Current		4A@50HZ 8A@60HZ		
Compressor		Oil-less; air cooled; piston style		
Refrigerant Recovery Rate		Cat. Ⅲ	Cat. Ⅳ	Cat. Ⅴ
	Vapor	0.23kg/min	0.25kg/min	0.26kg/min
	Liquid	1.57kg/min	1.81kg/min	1.85kg/min
	Push/Pull	4.64kg/min	5.57kg/min	6.22kg/min
High pressure shut-off		38bar/550psi		
Low pressure shut-off		Optional		
80%OFP.Shut-off kit		Optional		
Operating Temp.		0℃-40℃		
Dimensions		515mm(L)×220mm(W)×365mm(H)		
Net Weight		12kg		

Refrigerant Recovery Unit Standard Series



• Chinese patent 

Model		RECO520/RECO520D		
Refrigerants		Cat. III : R-12, R-134a, R-401C, R-406A, R-500		
		Cat. IV : R-22, R-401A, R-401B, R-402B, R-407C, R-407D, R-408A, R-409A, R-411A, R-411B, R-412A, R-502, R-509		
		Cat. V : R-402A, R-404A, R-407A, R-407B, R-410A, R-507		
Power		110-127V/60HZ	220-240V 50/60HZ	110-220V 50/60HZ
Motor		1HP AC; Capacitor start		
Max. Current		6A@50HZ 12A@60HZ		
Compressor		Oil-less; air cooled; Twin-piston style		
Refrigerant Recovery Rate		Cat. III	Cat. IV	Cat. V
	Vapor	0.46kg/min	0.50kg/min	0.52kg/min
	Liquid	3.14kg/min	3.62kg/min	3.70kg/min
	Push/Pull	9.28kg/min	11.14kg/min	12.44kg/min
High pressure shut-off		38bar/550psi		
Low pressure shut-off		Optional		
80%OFP.Shut-off kit		Optional		
Operating Temp.		0°C-40°C		
Dimensions		485mm(L)×230mm(W)×365mm(H)		
Net Weight		13kg		

Refrigerant Recovery Unit Recovery&Recycling Series

- With oil separator device
- Purification and recycling of the refrigerants



Oil Separator
Separate oil from A/C system

• Chinese patent 

Model		RECO250S/RECO250SD		
Refrigerants		Cat. III : R-12, R-134a, R-401C, R-406A, R-500		
		Cat. IV : R-22, R-401A, R-401B, R-402B, R-407C, R-407D, R-408A, R-409A, R-411A, R-411B, R-412A, R-502, R-509		
		Cat. V : R-402A, R-404A, R-407A, R-407B, R-410A, R-507		
Power		110-127V/60IIZ	220-240V 50/60IIZ	110-220V 50/60IIZ
Motor		1/2HP AC; Capacitor start		
Max. Current		4A@50HZ 8A@60HZ		
Compressor		Oil-less; air cooled; piston style		
Refrigerant Recovery Rate		Cat. III	Cat. IV	Cat. V
	Vapor	0.23kg/min	0.25kg/min	0.26kg/min
	Liquid	1.57kg/min	1.81kg/min	1.85kg/min
	Push/Pull	4.64kg/min	5.57kg/min	6.22kg/min
Recycling Rate		1.57kg/min	1.81kg/min	1.85kg/min
High pressure shut-off		38bar/550psi		
Low pressure shut-off		Optional		
80%OFP.Shut-off kit		Optional		
Operating Temp.		0°C-40°C		
Dimensions		515mm(L)×220mm(W)×365mm(H)		
Net Weight		12kg		

Refrigerant Recovery Unit Recovery&Recycling Series

- With oil separator device
- Purrification and recycling of the refrigerants



Oil Separator
Separate oil from A/C system

• Chinese patent 

Model		RECO520S/RECO520SD		
Refrigerants		Cat.Ⅲ：R-12, R-134a, R-401C, R-406A, R-500		
		Cat.Ⅳ：R-22, R-401A, R-401B, R-402B, R-407C, R-407D, R-408A, R-409A, R-411A, R-411B, R-412A, R-502, R-509		
		Cat.Ⅴ：R-402A, R-404A, R-407A, R-407B, R-410A, R-507		
Power	110-127V/60HZ	220-240V 50/60HZ	110-220V 50/60HZ	
Motor	1HP AC;Capacitor start			
Max.Current	6A@50HZ 12A@60HZ			
Compressor	Oil-less; air cooled; Twin-piston style			
Refrigerant Recovery Rate		Cat. Ⅲ	Cat. Ⅳ	Cat. Ⅴ
	Vapor	0.46kg/min	0.50kg/min	0.52kg/min
	Liquid	3.14kg/min	3.62kg/min	3.70kg/min
	Push/Pull	9.28kg/min	11.14kg/min	12.44kg/min
Recycling Rate	3.14kg/min	3.62kg/min	3.70kg/min	
High pressure shut-off	38bar/550psi			
Low pressure shut-off	Optional			
80%OFP.Shut-off kit	Optional			
Operating Temp.	0℃-40℃			
Dimensions	515mm(L)×230mm(W)×365mm(H)			
Net Weight	13kg			

Refrigerant Recovery Unit Non-spark Series

Lighter,Faster,Higher Performance
Suit for R32,HFO-1234yf refrigerant



• Chinese patent 

Features

- Suitable for all commonly used refrigerants,including R32,HFO-1234yf.
- Compact and Portable design.
- Suitable for all the main voltage design in the market.
- Individual design for special customers.

Model		RECO250-NS			RECO520-NS		
Refrigerants		Cat. III : R-12, R-134a, R-401C, R-406A, R-500					
		Cat. IV : R-22, R-401A, R-401B, R-402B, R-407C, R-407D, R-408A, R-409A, R-411A, R-411B, R-412A, R-502, R-509					
		Cat. V : R-402A, R-404A, R-407A, R-407B, R-410A, R-507					
Power		110-127V/60HZ		220-240V 50/60HZ		110-220V 50/60HZ	
Motor		1/2HP AC;Capacitor start			1HP AC;Capacitor start		
Max.Current		4A@50HZ 8A@60HZ			6A@50HZ 12A@60HZ		
Compressor		Oil-less; air cooled; One-piston style			Oil-less; air cooled; Twin-piston style		
Refrigerant Recovery Rate		Cat. III	Cat. IV	Cat. V	Cat. III	Cat. IV	Cat. V
	Vapor	0.23kg/min	0.25kg/min	0.26kg/min	0.46kg/min	0.50kg/min	0.52kg/min
	Liquid	1.57kg/min	1.81kg/min	1.85kg/min	3.14kg/min	3.62kg/min	3.70kg/min
	Push/Pull	4.46kg/min	5.57kg/min	6.22kg/min	9.28kg/min	11.14kg/min	12.44kg/min
High pressure shut-off				38bar/550psi			
Low pressure shut-off				Optional			
80%OFP;Shut-off kit				Optional			
Operating Temp.				0°C-40°C			
Dimensions		465mm(L)X220MM(W)X345mm(H)			465mm(L)X220MM(W)X345mm(H)		
Net Weight		10kg			11kg		

Refrigerant Recovery Unit Non-spark Series

Lighter,Faster,Higher Performance
Suit for R32,HFO-1234yf refrigerant



Oil Separator
Separate oil from A/C system

• Chinese patent 

Features

- Suitable for all commonly used refrigerants,including R32,HFO-1234yf.
- Compact and Portable design.
- Suitable for all the main voltage design in the market.
- Individual design for special customers.

Model		RECO250S-NS			RECO520S-NS		
Refrigerants		Cat. III : R-12, R-134a, R-401C, R-406A, R-500					
		Cat. IV : R-22, R-401A, R-401B, R-402B, R-407C, R-407D, R-408A, R-409A, R-411A, R-411B, R-412A, R-502, R-509					
		Cat. V : R-402A, R-404A, R-407A, R-407B, R-410A, R-507					
Power		110-127V/60HZ		220-240V 50/60HZ		110-220V 50/60HZ	
Motor		1/2HP AC;Capacitor start			1HP AC;Capacitor start		
Max.Current		4A@50HZ 8A@60HZ			6A@50HZ 12A@60HZ		
Compressor		Oil-less; air cooled; One-piston style			Oil-less; air cooled; Twin-piston style		
Refrigerant Recovery Rate		Cat. III	Cat. IV	Cat. V	Cat. III	Cat. IV	Cat. V
	Vapor	0.23kg/min	0.25kg/min	0.26kg/min	0.46kg/min	0.50kg/min	0.52kg/min
	Liquid	1.57kg/min	1.81kg/min	1.85kg/min	3.14kg/min	3.62kg/min	3.70kg/min
	Push/Pull	4.46kg/min	5.57kg/min	6.22kg/min	9.28kg/min	11.14kg/min	12.44kg/min
Recycling Rate		1.57kg/min	1.81kg/min	1.85kg/min	3.14kg/min	3.62kg/min	3.70kg/min
High pressure shut-off		38bar/550psi					
Low pressure shut-off		Optional					
80%OFP.Shut-off kit		Optional					
Operating Temp.		0°C-40°C					
Dimensions		465mm(L)X220MM(W)X345mm(H)			465mm(L)X220MM(W)X345mm(H)		
Net Weight		10kg			11kg		

Charging Scale



Model:CS-50/CS-100
• Large LCD and Sensor
• Four-button keypad



Model:CS-50N/CS-100N/CS-150N



Blow Case

Rugged,blow case for maximum protection from damage with ergonomic and portable design



Large LCD and Sensor

Anti-collision control box with rubber protector

Six-button keypad,With weight lock device and resolution choice device

• Products customizations

Specifications					
Model	CS-50	CS-100	CS-50N	CS-100N	CS-150N
Capacity	110LB/50KG	220LB/100KG	110LB/50KG	220LB/100KG	330LB/150KG
Unit Shift	LB/KG/OZ	LB/KG/OZ	LB/KG/OZ	LB/KG/OZ	LB/KG/OZ
Accuracy	0.015% of reading	0.015% of reading	0.015% of reading	0.015% of reading	0.015% of reading
Resolution	2g	5g	2g & 1g	5g & 2g	10g & 5g
Display	Large LCD,67*25mm	Large LCD,67*25mm	Large LCD,67*25mm	Large LCD,67*25mm	Large LCD,67*25mm
Lamp	Three gear backlight	Three gear backlight	Three gear backlight	Three gear backlight	Three gear backlight
Platform	230*230mm	230*230mm	230*230mm	230*230mm	230*230mm
Weight	3.6kg	3.6kg	4.0kg	4.0kg	4.0kg
Power	9V battery included	9V battery included	9V battery included	9V battery included	9V battery included
Operating Temp.	-4 ℉ to 156 ℉/-10℃ to 50℃	-4 ℉ to 156 ℉/-10℃ to 50℃	-4 ℉ to 156 ℉/-10℃ to 50℃	-4 ℉ to 156 ℉/-10℃ to 50℃	-4 ℉ to 156 ℉/-10℃ to 50℃
Programmable	No	No	No	No	No