

ACR Service and Maintenance Products

ACR Service and Maintenance Products

ACR Service and Maintenance Products

Vacuum Pump, Recovery Machine, Charging Station



Welding Torch, Solder and Brazing Flux



Hand Tools for HVAC Application



Manifold, Gauge and Charging Hose



Refrigerant Scale, Leakage Detector, Digital Thermometer



Clamp Meter, Multimeter, Temperature Controller



Universal Remote Control for Air Conditioner



Air Conditioner Bracket



Air Conditioner Floor Support, Big Foot Support, Multi Foot



Rubber Vibration Damper



Condensate Drain Pipe, Pre-Installation Box, Line Set Cover



Electric Cable and Plug, PVC Wrapping Tape, AC Cleaning Cover



Condensate Drain Pump



Insulation Material



Refrigeration Chemicals

Copper Tube

ACR Compressor

Heat Exchanger, Condensing Unit, Condenser, Evaporator

Refrigeration and Air Conditioning Parts

ACR Service and Maintenance Products

Fan and Motor

Air Curtain, Air Conditioner, Cold Storage

Vacuum Pump



High Performance Vacuum Pump



R32 Vacuum Pump

Single Stage

Model	Flow Rate				Ultimate Vacuum		Power	Inlet Port	Oil Capacity	Dimensions (mm)	Weight (kg)
	50Hz		60Hz								
VP115	1.5CFM	42L/min	1.8CFM	50L/min	5Pa	150microns	1/4HP	1/4"Flare	320ml	270×119×216	5.3
VP125	2.5CFM	70L/min	3CFM	84L/min	5Pa	150microns	1/4HP	1/4"Flare	300ml	270×119×216	5.5
VP135	3.5CFM	100L/min	4CFM	114L/min	5Pa	150microns	1/3HP	1/4"Flare	350ml	278×119×216	6.5
VP145	4.5CFM	128L/min	5CFM	142L/min	5Pa	150microns	1/3HP	1/4"Flare	350ml	278×119×216	6.8
VP160	6CFM	170L/min	7CFM	198L/min	5Pa	150microns	1/2HP	1/4" & 3/8"Flare	450ml	320×134×232	10
VP180	8CFM	226L/min	9CFM	254L/min	5Pa	150microns	3/4HP	1/4" & 3/8"Flare	700ml	370×140×250	14
VP1100	10CFM	283L/min	12CFM	340L/min	5Pa	150microns	1HP	1/4" & 3/8"Flare	800ml	390×140×250	14.5

Dual Stage

Model	Flow Rate				Ultimate Vacuum		Power	Inlet Port	Oil Capacity	Dimensions (mm)	Weight (kg)
	50Hz		60Hz								
VP215	1.5CFM	42L/min	1.8CFM	50L/min	0.3Pa	25microns	1/4HP	1/4"Flare	180ml	270×119×216	6
VP225	2.5CFM	70L/min	3CFM	84L/min	0.3Pa	25microns	1/3HP	1/4"Flare	280ml	278×119×216	7
VP235	3.5CFM	100L/min	4CFM	114L/min	0.3Pa	25microns	1/3HP	1/4" & 3/8"Flare	360ml	320×134×232	11
VP245	4.5CFM	128L/min	5CFM	142L/min	0.3Pa	25microns	1/2HP	1/4" & 3/8"Flare	350ml	320×134×232	11.8
VP260	6CFM	170L/min	7CFM	198L/min	0.3Pa	25microns	3/4HP	1/4" & 3/8"Flare	700ml	370×140×250	15
VP280	8CFM	226L/min	9CFM	254L/min	0.3Pa	25microns	1HP	1/4" & 3/8"Flare	600ml	370×140×250	15.5
VP2100	10CFM	283L/min	12CFM	340L/min	0.3Pa	25microns	1HP	1/4" & 3/8"Flare	700ml	390×140×250	16

Mini Vacuum Pump

Model	Flow Rate	Ultimate Vacuum	Power	Inlet Port	Oil Capacity	Dimensions (mm)	Weight (kg)
VP115	1.5CFM	5Pa	1/4HP	1/4"Flare	230ml	245×101×180	3.7



R32 AC Vacuum Pump

R32 series vacuum pump adopts non-sparking design, suitable for R32, 1234yf refrigerant, and adopts original high-efficiency motor technology. Under the requirement of the same pumping rate, the weight is greatly reduced and it is more convenient to carry.

- Features:
- Integral cylinder structure, high precision, high ultimate vacuum, high pumping rate;
 - Use filter cotton to filter oil and gas, effectively reduce oil mist, and convenient for maintenance and replacement;
 - The exquisite shape of the handle, using soft rubber material, feel more comfortable;
 - The square casing and wind cover are used to make the appearance unique.

Single Stage

Model	Power Supply	Flow Rate (m³/h)	Ultimate Vacuum	Motor Power (W)	Inlet Port	Dimensions (mm)	Oil Capacity (ml)	Weight (kg)
SVB-1	220V~/50Hz	3.6	2Pa	150	1/4"Flare	252×104×207	210	4.5
VB-1	220V~/50Hz	3.6	2Pa	150	1/4"Flare	281×123×230	280	5.2
VB-1.5	220V~/50Hz	5.4	2Pa	180	1/4"Flare	281×123×230	280	5.8
VB-2	220V~/50Hz	7.2	2Pa	250	1/4"Flare	305×123×230	280	7.5
VB-3	220V~/50Hz	10.8	2Pa	370	1/4"Flare	332×129×242	450	9.3
VB-4	220V~/50Hz	14.4	2Pa	550	1/4" & 3/8"Flare	338×138×255	780	14
VB-6	220V~/50Hz	21.6	2Pa	750	1/4" & 3/8"Flare	338×138×255	780	14

Dual Stage

Model	Power Supply	Flow Rate (m³/h)	Ultimate Vacuum	Motor Power (W)	Inlet Port	Dimensions (mm)	Oil Capacity (ml)	Weight (kg)
2VB-1	220V~/50Hz	3.6	0.2Pa	250	1/4"Flare	305×123×230	280	8
2VB-1.5	220V~/50Hz	5.4	0.2Pa	370	1/4" & 3/8"Flare	332×129×242	360	8.3
2VB-2	220V~/50Hz	7.2	0.2Pa	370	1/4" & 3/8"Flare	332×129×242	360	10
2VB-3	220V~/50Hz	10.8	0.2Pa	550	1/4" & 3/8"Flare	332×129×242	360	10
2VB-4	220V~/50Hz	14.4	0.2Pa	750	1/4" & 3/8"Flare	338×138×255	620	15.5
2VB-6	220V~/50Hz	21.6	0.2Pa	1100	1/4" & 3/8"Flare	338×138×255	620	15.5

R32 Lithium Battery Vacuum Pump

R32 lithium battery series vacuum pump, high-performance lithium battery, full battery can work continuously for 60-70 minutes.

- Features:
- Integral cylinder structure, high precision, high ultimate vacuum, high pumping rate;
 - Forced oil pump lubrication to ensure reliability;
 - Using brushless DC motor, no spark design, smaller, lighter and more convenient;
 - The use of lithium batteries are safer and more convenient.



Model	Power Supply	Ultimate Vacuum	Power (W)	Flow Rate	Oil Capacity (ml)	Dimensions (mm)	Weight (kg)	Inlet Port
VI-1A	110V-240V	2Pa	150	2CFM 1L/s(3.6m³/h)	250	253×92×196	3.3	1/4"SAE
VI--1DLi	18V-5.0Ah	2Pa	150	2CFM 1L/s(3.6m³/h)	250	274×92×196	3.2	1/4"SAE
2VI--1A	110V-240V	0.2Pa	200	2CFM 1L/s(3.6m³/h)	200	253×92×196	3.5	1/4"SAE
2VI-1DLi	18V-5.0Ah	0.2Pa	200	2CFM 1L/s(3.6m³/h)	200	274×92×196	3.6	1/4"SAE

Charger Parameter

AC Input	Frequency	Power	Output Voltage	Output Current	Weight (kg)	Dimensions
100-240V	50-60Hz	180W	18V	2A	≈590g	189×155×81mm



Vacuum Pump Oil

Vacuum pumps can be operated with the oil listed below, using different oil affect all specified ultimate vacuum and cold starting.

Model	Kinematic Viscosity	Viscosity Index	Flash Point (°C)	Pour Point (t)
46	41.4-50.6	110	215	-9
68	61.2-74.8	130	250	-35

AC Power Supply Plugs



Item	AC-1	AC-2	AC-3	AC-4	AC-5	AC-6	AC-7
Description	British Plug	American Plug	Australian Plug	South African Plug	European Plug	Japanese Plug	Italian Plug

Intake Ports Adapters



Item	Description	Item	Description	Item	Description
AD-1	1/4"SAE Vacuum Gauge	AD-3	1/4"SAE 3/8"SAE	AD-5	1/4"SAE 1/2"ACME
AD-2	1/4"SAE	AD-4	1/4" Tube (Locked with M12×1 nut)	AD-6	1/4"Tube

Selective Accessories



Item	Description	Item	Description	Item	Description
SA-1	Solenoid Valve	SA-3	Blank-off Valve	SA-5	Vacuum Gauge
SA-2	Solenoid Valve	SA-4	Vacuum Gauge		



Welding Torch, Solder and Brazing Flux



HT-1

- For soldering and brazing. Applying in HVAC and plumbing
- Temperature can reach 1650°C.
- 360° rotation of torch tube is capable for various using environment.
- The continuous working time of cylinder can reach 160mins.
- Suited for 14.1-16oz cylinder, connection of CGA600 (1"-20UNEF).



HT-26D

- For soldering and brazing. Applying in HVAC and plumbing.
- Temperature can reach 1650°C.
- 360° rotation of torch tube is capable for various using environment.
- The continuous working time of cylinder can reach 100mins.
- Suited for 14.1-16oz cylinder, connection of CGA600 (1"-20UNEF).



HT-3

- For soldering and brazing. Applying in HVAC and plumbing.
- Temperature can reach 1650°C.
- 360° rotation of torch tube is capable for various using environment.
- The continuous working time of cylinder can reach 80mins.
- Suited for 14.1-16oz cylinder, connection of CGA600 (1"-20UNEF).



HT-1S

- For soldering and brazing. Applying in HVAC and plumbing.
- Temperature can reach 1980°C.
- 360° rotation of torch tube is capable for various using environment.
- The continuous working time of cylinder can reach 160mins.
- Suited for 14.1-16oz cylinder, connection of CGA600 (1"-20UNEF).



HT-027

- For soldering and brazing. Applying in HVAC and plumbing.
- Temperature can reach 1650°C.
- 360° rotation of torch tube is capable for various using environment.
- The continuous working time of cylinder can reach 160mins.
- Suited for 14.1-16oz cylinder, connection of CGA600 (1"-20UNEF).



H30

- For soldering and brazing. Applying in HVAC and plumbing
- Temperature can reach 1650°C.
- 360° rotation of torch tube is capable for various using environment.
- Generates more heat than other hand torches
- The continuous working time of cylinder can reach 160mins
- Suited for 14.1-16oz cylinder, connection of CGA600 (1"-20UNEF).

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L-AB

The length of conventional
pipe is 1.5m
9/16"-18UNF left inside &
3/8"-24UNF inside



L-B

Handle with rubber hose 3/8"-24UNF
outside & 3/8"-24UNF inside



LP-B

The length of conventional
pipe is 3.8m
9/16"-18UNF left inside &
9/16"-18UNF
left inside



CGA600

Connector 1"-20UNF



MAPP GAS/Pro

Burning temperature approach to 3600°F;
Pressure 100 psig at temperature 20°C;
Suitable for CGA600 connector.



Welding & Cutting

Portable Torch Kit

- Capable of welding from 1/32" up to 1-1/4" with the appropriate welding nozzle.
- Capable of cutting from 1/2" up to 3" with the appropriate cutting tip.
- Will cut up to 1/2" and weld up to 1/16" with the included welding and cutting tips.
- Larger welding and cutting tips are sold separately.

Specifications	
Regulators	Oxygen: CGA 540 Acetylene: CGA 200
Welding Nozzle	VM-W, welds up to 1/16 IN.
Cutting Tip	3-101, cuts up to 1/2 IN.
Hose Size	12.5 FT.L x3/16 IN. inside diameter
Hose Type	Color Coded Twin Hose (green: oxygen, red: acetylene)
Torch Inlet Thread	9/16 IN. x 18
Hose Fitting Threads	Oxygen: Right-Hand Acetylene: Left-Hand
Cylinders Included	20CU.FT. oxygen 10CU.FT. acetylene
Accessories	Goggles, Spanner, Tip cleaner, Striker



Solder

- For professional brazing, soldering and welding applications
- High quality solders are suitable for copper pipe joint installations and gap soldering in HVAC/R applications where no fittings are used.

Alloy	Chemical Composition	AWS A5.8 Class	Melting Range		Recommended Application
			Solidus	Liquidus	
BCu93P	Silver-0% Copper-92.9% Phosphorus-7.1%	BCuP-2	1310 °F 710 °C	1475 °F 802 °C	For copper, requires medium fit-up Clearance range: 0.002-0.007"
BCu91PAg	Silver-2% Copper-91% Phosphorus-7%	BCuP-6	1190 °F 643 °C	1450 °F 788 °C	For copper or brass Clearance range: 0.002-0.005"
BCu89PAg	Silver-5% Copper-89% Phosphorus-6%	BCuP-3	1190 °F 643 °C	1500 °F 816 °C	For copper or brass, used to bridge gaps where close fit-up can't be maintained
BCu80PAg	Silver-15% Copper-80% Phosphorus-5%	BCuP-5	1190 °F 643 °C	1480 °F 804 °C	For copper or brass, useful for wide clearance 0.002-0.006", good ductility
BAG30CuZn	Silver-30% Copper-38% Zinc-32%	BAG-20	1250 °F 677 °C	1410 °F 766 °C	Use with ferrous and non-ferrous base metals, flow suitable for bridging gaps
BAG45CuZn	Silver-45% Copper-30% Zinc-25%	BAG-5	1225 °F 663 °C	1370 °F 743 °C	General purpose filler for steel and copper alloys, melting range useful for wide clearances
BAG50CuZn	Silver-50% Copper-34% Zinc-16%	BAG-6	1270 °F 688 °C	1425 °F 774 °C	Often used to braze galvanized steel but suitable for bridging gaps in other ferrous and non-ferrous metals
BAG56CuZnSn	Silver-56% Copper-22% Zinc-17% Sn-5%	BAG-7	1145 °F 618 °C	1205 °F 652 °C	For ferrous and non-ferrous alloys, often used to braze stainless steel for food service



Brazing Flux

- For brazing & soldering application.
- A general purpose brazing flux, good fluidity provides excellent joint penetration, good dispensing performance and is cosmetically superior. Use with copper, brass, stainless steel, carbide and heavy parts.

Flux No.	Ingredient	Type	Application
AFB-102	Fluorine boric acid potassium four boric acid potassium, boric acid, etc.	powder/paste	used with silver-bearing alloys jointing copper-copper, steel-stain- less steel and dissimilar metals. Active rang: 600~850°C
AFB-103	Fluorine boric acid potassium four boric acid potassium, boric acid, etc.	powder	used with copper based or nickel based filler metal for brazing copper, copper alloy, carbon steel, steel alloy, stainless steel, tungsten carbide, etc.
AFB-301	Boric anhydride, borax, calcium fluoride, etc.	powder	used with Al-Si alloys for brazing Al-Al, Al-Mn alloy. Active range: 560~620°C
AFB-204	KF-AIF3	powder	used with Al-Si alloys for brazing Al-Al, Al-Mn alloy. Active range: 560~620°C

Refrigeration
Chemicals

Copper Tube

ACR Compressor

Heat Exchanger,
Condensing Unit,
Condenser, Evaporator

Refrigeration and Air
Conditioning Parts

ACR Service and
Maintenance Products

Fan and Motor

Air Curtain,
Air Conditioner,
Cold Storage

Recovery Machine,Charging Station



Refrigerant Recovery Machine

- Oil-less compressor; Multi-refrigerant capable with Self-clearing feature, which prevents cross-contamination.
- One key operation; easy to use; self-purge function; Instated 4-pole motor; more durable.

Model		RR250	RR500
Refrigerants		CFC, HCFC, HFC	
Power Speed		100-240V/50-60Hz	
Motor		3/4HP	1HP
Compressor		Oil-less, Piston style	
Automatic is safety shut-off		38.5 bar / 3850 kPa	
Recovery Rate	Vapor	0.25	0.5
	Liquid	1.8	3.6
	Push/pull	6	10
Dimensions (mm)		400×250×350	
Weight (kg)		13.5	14.5

R32 Refrigerant Recovery Unit

Model	RR250	RR500
Refrigerants	R12, R134A, R401C, R406A, R500, 1234YF, R22, R401A, R401B, R402B, R407C, R407D, R408A, R409A, R411A, R411B, R412A, R502, R509, R402A, R404A, R407A, R407B, R410A, R507, R32	
Power Speed	100V-120V/60Hz, 220V-240V/50-60Hz	
Motor	3/4HP	1HP
Compressor	Oil-less, Piston style, Air cooled	
Motor Speed	1450rpm@50Hz/1750rpm@60Hz	
Automatic is safety shut-off	38.5bar/3850kPa(558psi)	
Operating Temperature	0°C-40°C/32°F-104°F	
Dimensions (mm)	400×250×355	
Weight (kg)	13.5	14.5



Charging Station

- The compact charging station is designed for field of repair service.

Model	Standard	Optional on request
Manifold valve	5-valve aluminum manifold with sight glass	2-way manifold with sight glass 4-way manifold with sight glass
High/low pressure gauge	Dry pressure gauge 68mm	Dry 68mm gauge+gauge boot Dry 80mm gauge Dry 80mm gauge+gauge boot Oil filled 68mm gauge Oil filled 80mm gauge
Vacuum gauge	Vacuum gauge 80mm diameter	No vacuum gauge
Refrigerant	R-12/R-22/R-502 R-22/R-134A/R-404A/R-407 R-410/R-22/R-407 R-410A	Other refrigerant combination is available on request
Temperature scale	°F/°C °C °F	
Pressure scale	bar/psi psi psi/MPa	Scale combination of bar, psi, MPa, kg/cm² is available on request.
Charging hose	60" charging hose	36" charging hose 72" charging hose
Vacuum pump	Dual-stage 2 CFM vacuum pump	Vacuum pump with other CFM
Other necessary devices		R-134a quick coupler Refrigerant weight scale 100kg capacity



Hand Tools for HVAC Application



CT-319
Tube cutter 1/8" to 3/4"
(3 to 19mm) O.D.



CT-428
Tube cutter 3/16" to 1-1/8"
(4 to 28mm) O.D.



CT-274
Tube cutter 1/8" to 1-1/8"
(3 to 28mm) O.D.



CT-312
Tube cutter 1/4" to 1-5/8"
(7 to 42mm) O.D.



CT-532
Tube cutter 3/16" to 1-1/4"
(5 to 32mm) O.D.



CT-650
Tube cutter 1/4" to 2"
(6 to 50mm) O.D.



WK-670
Tube cutter 1/4" to 2-3/4"
(6-70mm) O.D.



WK-127
Tube cutter 1/8"to 5/8"
(3-16mm) O.D.



CT-505
Grabber Flaring tool
1/4", 5/16", 3/8", 1/2", 5/8", 3/4"



CT-195
45° flaring tool 3/16", 1/4", 5/16",
3/8", 7/16", 1/2", 5/8" O.D.



CT-525
Grabber flaring tool 3/16" to 5/8"
(5 to 16mm) O.D.



Swaging Punch Tool
CT-94: 1/2", 5/8", 7/8", O.D.
CT-95: 1/4", 5/16", 3/8", 1/2",
5/8" O.D.
CT-96: 1/4", 5/16", 3/8", 1/2",
5/8", 3/4" O.D.
CT-193: complete set of tools for
1/4", 5/16", 3/8", 1/2", 5/8" O.D.



CT-368A-90

90° tube bender with O.D. of 1/4", 5/16", 3/8"



CT-368M-90

90° tube bender with O.D. of 6, 8, 10mm



CT-369A-180

180° tube bender with O.D. of 1/4", 5/16", 3/8"



CT-369M-180

180° tube bender with O.D. of 6, 8, 10mm



CT-364-04

1/4" O.D. bending radius 14.2mm



CT-364-10

5/8" O.D. bending radius 54.4mm



CT-364-05

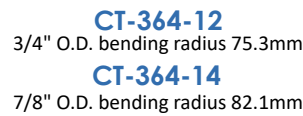
5/16" O.D. bending radius 17.5mm

CT-364-06

3/8" O.D. bending radius 23mm

CT-364-08

1/2" O.D. bending radius 35.8mm



CT-364-12

3/4" O.D. bending radius 75.3mm

CT-364-14

7/8" O.D. bending radius 82.1mm

Tube Bending Springs

CT-102-04: 1/4" O.D.

CT-102-06: 3/8" O.D.

CT-102-08: 1/2" O.D.

CT-102-10: 5/8" O.D.

CT-102-12: 3/4" O.D.

CT-102-L: Set of 5,
sizes: 14/16", 5/16", 3/8", 1/2", 5/8" O.D.
Packed in plastic bag.



CT-352

Fin Straightener



CT-208

Inner-Outer Reamer Plastic type for 3/16" to 1-1/2" O.D.



CT-209

Inner-Outer Reamer Zinc type for 1/4" to 1-5/8" O.D.



CT-351

Fin Straightener Fit all sizes.



CT-204

Pinch-Off Plier
Pinch for copper tubes of up to
3/8" O.D.



PTC-01

Capillary Tube Cutter
Cuts all sizes of capillary tubes
without collapsing nor swaging the tubes.



CT-122

Ratchet Wrench
1/4", 3/16", 3/8", 5/16" O.D.

CT-123L

Ratchet Wrench
1/4", 3/16", 9/16", 1/2" O.D.



CT-201

7" Pinch-Off Plier
Pinch for copper tubes of up to
5/16" O.D.



CT-501

Telescopic 32mm
Length: 127-500mm

CT-502

Telescopic 50mm
Length: 200-410mm



CT-100A/CT-100M

Lever Tube Expanding Tool Kit
3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"
10, 12, 16, 19, 22, 25, 28mm



CT-275

45° flaring and swaging tool
1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4" O.D.

Supplied in sturdy plastic case.



CT-278

45° flaring and swaging tool
1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4" O.D.
CT-274 tube cutter
CT-122 ratchet wrench
Supplied in sturdy plastic case.



CT-300AL

Hydraulic Tube Expander Tool Kit
3/8", 1/2", 5/8", 3/4", 7/8", 1",
1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8"
CT-207+CT-107(Optional CT-650)



CT-999

90° Tube Bender Kit
1/4", 5/16", 3/8", 1/2", 5/8", 3/4",
7/8" O.D. Tubing.
6, 8, 10, 12, 16, 19, 22mm
O.D. Tubing.



Flaring Tool Kit

CT-N806AM-L 1/4"-3/4"
CT-N808AM-L 3/16"-3/4"

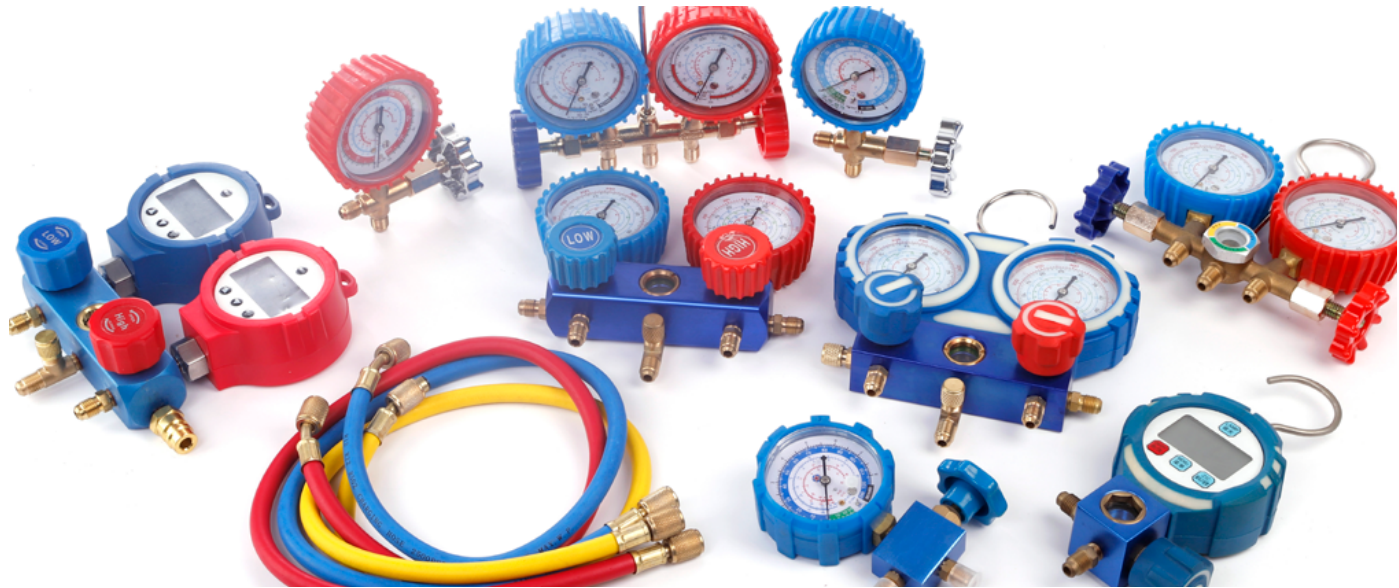


Flaring tool kit

CT-806AM-F 1/4"-3/4"
CT-808AM-F 3/16"-3/4"

ACR Service and Maintenance Products

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Manifold, Gauge and Charging Hose



CT-236G



CT-436G

Aluminum Manifold Set with and without Sight Glass

Model	CT-236G	CT-436G
Refrigerants	R12,R22,R502,R134A,R410A	R12,R22,R502,R134A,R410A
Gauge Diameter	68MM	80MM
Connection	1/4"SAE	1/4"SAE*5/16"SAE
Hose	Red & Blue & Yellow 1/4"-1/4" 3*1Pc Red & Blue 1/4"- 5/16" 2*1Pc Yellow 1/4"-1/4" 1pc	
Length	36" 60" 72"	36" 60" 72"
Package	Box Packing	Box Packing



CT-636G



CT-536G

Brass Manifold Set with and without Sight Glass

Model	CT-636G	CT-536G
Refrigerants	R12,R22,R502,R134A,R410A	R12,R22,R502,R134A,R410A
Gauge Diameter	68MM	80MM
Connection	1/4"SAE	1/4"SAE
Hose	Red & Blue & Yellow 1/4"-1/4" 3*1Pc Red & Blue 1/4"- 5/16" 2*1Pc Yellow 1/4"-1/4" 1pc	
Length	36" 60" 72"	36" 60" 72"
Package	Box Packing	Box Packing



CTDG-2S

Accurate Digital Manifold Gauge

Suit for R22 R32 R290 R410A 1234yf
R134A R404A R407C R507
Pressure Display: psi bar Kpa Mpa kg/cm2
Temperature Display: °C °F
Vacuum Display: inHg
Sensing Accuracy: 0.75%FS
Sensing Resolution: 1psi
Hose: Red&Blue: 1/4"- 5/16", 2*1Pc
Yellow: 1/4"-1/4", 1PC
Package: Blow case



CTAF-2S

Accurate Manifold Gauge

Suit for R410A, R134A, R12, R22, R407C, R404A
Special material sheath with anti-collision performance
Metal-embedded designed valve to increase strength
High precision pressure gauge with class 1.6 accuracy
φ12mm high-strength rubber tube to ensure high reliability.

Single Manifold Gauge



Model	RT-465L	RT-465H	RT-466L	RT-466H	RT-467H	RT-467L	RT-468
Refrigerant Gas	R12 R22 R502 R134A R410A						
Gauge Diameter	68mm / 80mm						
Connection	1/4" SAE	1/4" SAE	1/4" SAE	1/4" SAE	1/4" SAE	1/4" SAE	1/4" SAE
Sight Glass	Without						
Package	Box						

Oil Filled Gauge



RT-8016

RT-8017

RT-6316

Model	RT-8016	RT-8017	RT-6316
Refrigerant Gas	R22 R134A R407C	R134A R407C	R134A R407C
Gauge Diameter	63mm / 80mm / 100mm		
Connection	7/16-20UNF		
Package	Box		
Other refrigerant combination is available on request			
Scale combination of bar, psi, Mpa, kg/cm²			



Charging Hose



Charging Hose with Ball Valve

Length	Working Pressure/Burst		
	500SI/2500PSI	600SI/3000PSI	800SI/4000PSI
36"	CT-336RYB-A	CT-336RYB-B	CT-336RYB-C
60"	CT-360RYB-A	CT-360RYB-B	CT-360RYB-C
72"	CT-372RYB-A	CT-372RYB-B	CT-372RYB-C
Refrigerants	R12, R22, R502	R134A	R410A and also excellent for other refrigerants

1/4" SAE connection 3 PCS per set

Length	Working Pressure/Burst		
	500SI/2500PSI	600SI/3000PSI	800SI/4000PSI
36"	CT-336MRYB-A	CT-336MRYB-B	CT-336MRYB-C
60"	CT-360MRYB-A	CT-360MRYB-B	CT-360MRYB-C
72"	CT-372MRYB-A	CT-372MRYB-B	CT-372MRYB-C
Refrigerants	R12, R22, R502	R134A	R410A and also excellent for other refrigerants

1/4" SAE connection 3 PCS per set

Pressure Gauge



	RG-250	RG-500	RG-55	RG-35	CH-134L	RG-500H	RG-500L	RG-250L
Description	Red pressure	Blue compound	Red pressure	Blue compound	Blue compound	Red pressure	Blue compound	Blue compound
Press Scale	bar and psi	bar and psi	bar	bar	kg and psi	kg and psi	kg and psi	kg and psi
Refrigerants	R410A, R22, R134A, R404	R410A, R22, R134A, R404	R410A, R22, R134A	R410A, R22, R134A	R134A	R12, R22, R134A, R404A	R22, R12, R502	R22, R12, R134A

ACR Service and Maintenance Products

ACR Service and Maintenance Products

High & Low Pressure Quick Couplers



Model	Description
QC-L	Blue low side 1/4" SAE
QC-H	Red high side 1/4" SAE
QC-LA	Blue low side 14mm+adapter
QC-HA	Red high side 14mm+adapter



Model	Description
QC-12L	Blue low side 1/4" SAE
QC-12H	Red high side 1/4" SAE



Model	Description
QC-15L	Blue low side 1/4" SAE
QC-15H	Red high side 1/4" SAE

Can Tap Valve and Piercing Valve



Model	Description
CT-340	R-134a can tap valve 1/4" SAE



Model	Description
CT-338	Can tap valve with 12mmx1.25mm thread, 1/4" SAE connection
CT-339	Can tap valve with 14mmx1.25mm thread, 1/4" SAE connection



Model	Description
CT-4	R-134a can tap valve + high pressure hose with quick connection fitting



Model	Description
CTPV-1	For 1/4", 5/16", 3/8" O.D. tubing



Model	Description
CTPV-341	For 3/16" to 3/8" O.D. tubing

Refrigerant Scale



Model	Type	Weight Capacity	Accuracy	Resolution	Remote	Scale Platform	Platform Size	Unit	Working Temp.
ERS-800	Wired handheld device (with LCD readout)	220lb (100kg)	±0.05% rdg+ 10g	5g/0.01lb	5 AAA	5 AA	271x271mm	kg/lb	-10°C~40°C
ERS-821	Wireless remote	220lb (100kg)	±0.05% rdg+10g	5g/0.01lb	5 AAA	5 AA	271x271mm	kg/lb	-10°C~40°C



Model	Maximum Weighing	Platform Size	Accuracy	Resolution	Power	Operating Temperature
RCS-50	50kg	23 x 23cm	±0.05% rdg+ 10g	5g	2pcs 9V battery include(60hours)	32°F to 122°F (0~50°C)
RCS-100	100kg	23 x 23cm	±0.05% rdg+10g	5g	2pcs 9V battery include(60hours)	32°F to 122°F (0~50°C)



Leakage Detector



LD-200/LD-C02/
LD-300/LD-600



HLD-100+



CPU-C



WJL-6000

Model	LD-200	LD-C02	LD-300	LD-600	HLD-100+	CPU-C	WJL-6000
Refrigerant	CFC, HCFC, HFC, HC, HFO etc	R-744, CO2	CFC, HCFC, HFC, HFO etc	Propane, Iso-Butane, Methane	CFC, HCFC, HFC, HC, HFO etc	CFC, HCFC, HFC, HC, HFO etc	CFC, HCFC, HFC, HC etc.
Sensitivity	3g (0.1 Oz) / year	400-4000ppm	3g (0.1 Oz) / year	Less than 50ppm	6g (0.2 Oz) / year	6g (0.2 Oz) / year	6g (0.2 Oz) / year
Power supply	Rechargeable Lithium battery 3000mAh	Rechargeable Lithium battery 3000mAh	Rechargeable Lithium battery 3000mAh	Rechargeable Lithium battery 3000mAh	2 C batteries	2 C batteries	4 AAA alkaline batteries
Warm-up time	30s	30s	10s	30s	6s	6s	6s
Response time	< 3s	< 3s	< 3s	< 3s	< 3s	< 3s	< 3s
Certificate & Approval	CE Rohs, SAE J2791, SAE J2913	CE Rohs, SAE J2791, SAE J2913	CE Rohs, SAE J2791, SAE J2913	CE Rohs, SAE J2791, SAE J2913	CE Rohs, SAE J2791, SAE J2913	CE Rohs, SAE J2791, SAE J2913	CE Rohs, SAE J2791, SAE J2913
Feature	Offer the greatest sensitivity and fastest response of refrigerante leaks	Fully automatic, small size and high sensitivity combine	Make the technician's job more efficient and accurate	Easy-to-use portable combustible gas, pinpoints large and small leaks quickly	Stable and easy to operate	Newly-developed intelligent halogen, manage the detection better	Recognize all HFC (134a) CFC refrigerants. Audio and visual alerts warn of any leakages, no matter how small

Digital Thermometer



HT320
Infrared Digital Thermometer

- This infrared thermometer series are used for measuring the temperature of object's surface, which is applicable for various hot, hazardous or hard-to-reach objects without contact safely and quickly.
- Accuracy: ±1.5% or ±1.5°C

Model	Temperature Range	D:S	Power
HT270	-27~280 C (-26~536°F)	8:1	2x1.5V AAA battery
HT320	-50~330 C (-58~626°F)	12:1	2x1.5V AAA battery
HT300	-50~380 C (-58~716°F)	12:1	9V battery
HT550	-50~550 C (-58~1022°F)	12:1	9V battery
HT700	-50~700 C (-58~1292°F)	12:1	9V battery
HT900	-50~900 C (-58~1652°F)	12:1	9V battery
HT1150	-50~1150 C (-58~2012°F)	20:1	9V Alkine battery
HT1150A	-18~1150 C (0~2012°F)	50:1	9V Alkine battery
HT1350	-18~1350 C (0~2462°F)	50:1	9V Alkine battery
HT1650	200~1650 C (-392~3002°F)	50:1	9V Alkine battery
HT1850	200~1850 C (-392~3362°F)	80:1	9V Alkine battery
HT2200	200~2200 C (-392~3992°F)	80:1	9V Alkine battery

Refrigeration
Chemicals

Copper Tube

ACR Compressor

Heat Exchanger,
Condensing Unit,
Condenser, Evaporator

Refrigeration and Air
Conditioning Parts

ACR Service and
Maintenance Products

Fan and Motor

Air Curtain,
Air Conditioner,
Cold Storage

ACR Service and Maintenance Products

ACR Service and Maintenance Products

ACR Service and
Maintenance Products

Digital Thermometer



	TPM-10	DST-50	ST-10	ST-30	ST-20	ST-40
Temperature measuring range	-10°C~+110°C	-50°C~+150°C	-50~+ 70°C (-58~+158°F)	-40°C to 300°C/ -40°F to 572°F	-50~+ 70 °C (-58~+158°F)	Ambient:-10~ 60°C Fridge: -20~ 65°C
Power	2×LR44 button cell batteries	Solar panel and standby battery light illumination >100LUX	1.5V (AAA size)X 1		1.5V (AAA size)X 1	2XAAALR03 batteries
Accuracy	±1°C	±1 °C(-20°C~+80°C), ±2°C(-50°C~+20°C, +80°C~+150°C)	±1°C (1.8°F)	±0.5°C(-10°C to 100°C); ±1.0°C(-20°C to -10°C) (100°C to 150°C); otherwise±2°C	±1°C	+/-1.0
Resolution	0.1 °C	0.1 °C	1 °C	0.1 °F(0.1 °C)	1 °C	1 °C

Multimeter



	DT10A	DT10B	DT831D	DT710	DT33
• DCV	• DCV	• DCV	• DCV	• DCV	• DCV
• ACV	• ACV	• ACV	• ACV	• ACV	• ACV
• OHM	• OHM	• OHM	• DCA	• DCA	• DCA
• Cap	• Cap	• Cap	• OHM	• OHM	• OHM
• Frequency	• Frequency	• Frequency		• Temperature	
• Duty Cycle	• Duty Cycle	• Duty Cycle			

Anemograph



Anemograph

- High precision, Reliable.
- Display both velocity and temperature of the wind.
- Portable and easy operation.
- LCD Black light.
- Auto turn off if no further operation for 14 minutes.
- MAX/AVERAGE/CURRENT reading allows the user to analyze quickly.

Temperature Controller



	ETC-974	ETC-961	STC-8080A+	STC-100A	STC-200+
Temperature measuring range	NTC: -50~110°C (-58~ 230°F) PTC: -55~140°C (-67~284°F)	-5°C~55°C (23~131°F)	-50~+99°C	-40°C~99°C	-40°C~+99°C
Temperature controlling range	-5°C~55°C (23~131°F)	-5°C~55°C (23~131°F)	-40~+50°C	-40°C~99°C	-40°C~+70°C
Resolution	1 or 0.1°C	1 or 0.1°C	1 °C	1 °C	1 °C
Sensor	NTC	NTC	NTC	NTC	NTC
Relay output	8A	10A	17A/2240VAC	10A (0.5HP)/ 220VAC	10A/ 250VAC/30VDC

Clamp Meter



	DT-203C	DT-266/DT266F/DT266C	DT-201	MT87	DT-3266A
• Auto-Ranging	• DCV	• DCV	• DCV	• DCV	• DCV
• DCV	• ACV	• ACV	• ACV	• ACV	• ACV
• ACV	• ACA	• ACA	• ACA	• ACA	• ACA
• ACA	• OHM	• OHM	• OHM	• OHM	• OHM
• OHM	• Temperature	• Diode, continuity test	• Diode, continuity test and Data hold	• Power live wire detect	• Diode, continuity test
• Frequency					
• Diode, continuity test					



RC-5
Temperature Data Logger

	RC-5	RC-11
Temperature measuring range	-30 °C~+ 70 °C; Resolution: 0.1°C	-30°C~70°C
Accuracy	±0.5 °C (-20°C~+40°C)	0.5°C/0.9 °H(-20°C~40°C)
Resolution	0.1 °C	0.1 °C
Sensor	Internal NTC thermal resistor	
Battery Life	1 year	2 years (stored and used under normal temperature environment)

Refrigeration
Chemicals

Copper Tube

ACR Compressor

Heat Exchanger,
Condensing Unit,
Condenser, Evaporator

Refrigeration and Air
Conditioning Parts

ACR Service and
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ACR Service and Maintenance Products

ACR Service and Maintenance Products



Universal Remote Control for Air Conditioner



KT-Dot1

- Intelligent cool and Heat
- Room temperature display all the time
- Manual input the code by digital key



KT-1091I

- 110 in 1
- Real auto-searching
- Increase codes
- Easily set-up
- Quickly cool



KT-2081I

- 208 codes in 1
- Model selection by code input/ auto search
- Large LCD display, popular for European market



KT-5081I

- 508 codes in 1
- Luxurious and exalted, big button, comfortable feeling
- Function of code Memory



KT-1000

- 1028 in 1
- Clock display
- Code memory



KT-3999

- 4000 in 1
- Codes inputting



KT-9018E

- 4000 codes in 1
- Intelligent cooling heating function
- 6 kinds of colors for your choices



KT-e03

- 4000 in 1
- One key Nonstop
- Input codes directly by digit keys



KT-e05

- 4000 in 1
- Full function
- Permanent Memory



KT-N828

- 2000 codes in 1
- Manual input the code by digital key

Universal Remote Control System for Air Conditioner



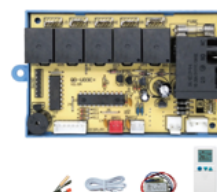
QD-U02B

- 5 Working Modes.
- 3 Fan Speed.
- Periodical Defrost.
- Time-delayed Compressor Protection for 3mins.
- Prevent cold wind in heating mode.



QD-U01A

- 3 Working Mode: Refrigeration, Heating, Dehumidifier.
- Sleep function.
- 3 Fan Speed.
- Compressor Protect Timer for Its Run and Stop.
- Accurate and Stable Auto Fan.
- Nixie Tube Temperature Display, Manual Switch.
- Remote Control With Screen, Easy for Using.



QD-U03C+

- 5 Working Modes .
- 3 Fan Speed.
- Auto-restart Function.
- Double Sensors.
- Defrost Automatically.
- Compressor Protect Timer For its Run and Stop.
- Updated transformer, quick plug, easy for installation.
- Outdoor Fan is controlled independently.



QD-U06A

- More function than QD-U02C.
- Outdoor fan is controlled independently.
- Easy plug socket design for transformer, no need any tools.



QD-U10A

- Electrical heating.
- LED Digital display panel.
- Convenient and simple.
- Full function.



QD-U12A

- LCD background light display panel.
- Power protection.
- Auxiliary heating function.
- Other features same as QD-U11A.
- Anions fresh air function.



QD63A

- Programmable control system for air conditioner.
- Display panel with long wrie.
- Programmable system.
- LCD back-light.



QD-U02B(COOL)

- 4 Working Modes.
- Accurate & Stable Auto Fan.
- 3 Fan Speed.
- Timer inline/Offline.
- Accurate & Stable Temperature Control.



QD-U03A+

- 5 Working Modes .
- 3 Fan Speed.
- Double Sensors.
- Compressor Protect Timer For its Run and Stop.
- Updated transformer, quick plug, easy for installation.
- Updated transformer, quick plug, easy for installation.



QD-U05PG+

- Pg Motor.
- 5 Working Modes.
- Unlimited Fan Speed, Low Noise.
- Double Sensors.
- Prevent Cold Wind In Heating Mode.
- Defrost Automatically.
- Pipe Protection For Higher Temperature Examine Fault By Itself.
- Updated transformer, quick plug, easy for installation.



QD-U08C

- Auto restart function.
- Double Sensors.
- 5 Working Modes .
- 3 Fan Speed.
- Colorful Sensor Socket, Easy For Connecting
- Defrost Automatically.
- Updated receiver, good looking appearance, show intuitional.
- Prevent Cold Wind in Heating Mode.



QD-U11A

- Compared with QD-U10A, it has added Auto Restart Function.



QD-U30A+

- Ceiling and cassette Universal Air conditioner control system.
- Double sensors.
- Defrost effectively.
- Outdoor fan is controlled independently.



QD65A

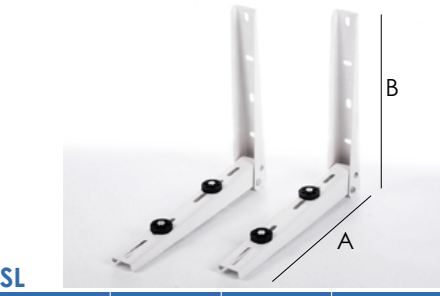
- Wireless Programmable Universal Air Conditioner Controller.
- Programmable paramater.
- 5+2 days: Programmable.
- Wireless connection .



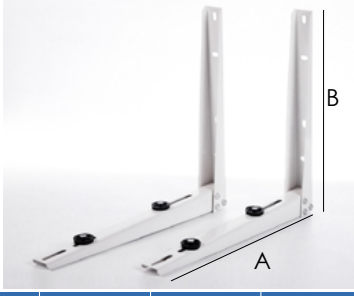
Air Conditioner Bracket

Foldable Bracket

- Powder-coating surface treatment.
- Perfect for long-term outdoor use.
- Supplied with bolt, anti-vibration rubber accessories in bag.



Model	A(mm)	B(mm)	Loading(KG)
SL-400	400	390	120
SL-430	430	390	120
SL-450	450	390	150
SL-550	550	490	180



Model	A(mm)	B(mm)	Loading(KG)
SP-400	400	390	120
SP-430	430	390	120
SP-450	450	390	150
SP-550	550	490	180



Model	A(mm)	B(mm)	Loading(KG)
SU-400	400	365	120
SU-450	450	365	120
SU-500	500	400	150
SU-550	550	450	180

Welded Bracket

- Highly weather-proof white powder-coated surface.
- Perfect for long-term outdoor use.



Model	A(mm)	B(mm)	Loading(KG)
SSW-400	400	400	120
SSW-450	450	450	150
SSW-500	500	450	180
SSW-600	600	500	200

SQW

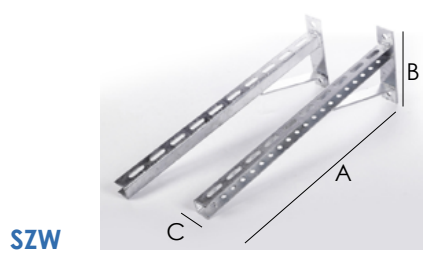
Model	A(mm)	B(mm)	Loading(KG)
SQW-500A	500	400	160
SQW-500B	500	450	160
SQW-550	550	500	180
SQW-600	600	500	200



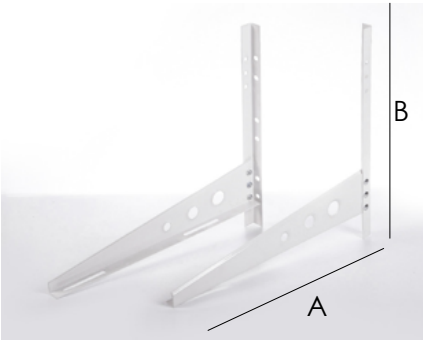
Model	A(mm)	B(mm)	Loading(KG)
STW-400	400	400	120
STW-450	450	450	150
STW-500	500	450	180
STW-600	600	500	200

SRW

Model	A(mm)	B(mm)	Loading(KG)
SRW-500A	500	400	160
SRW-500B	500	450	160
SRW-550	550	500	180
SRW-600	600	500	200



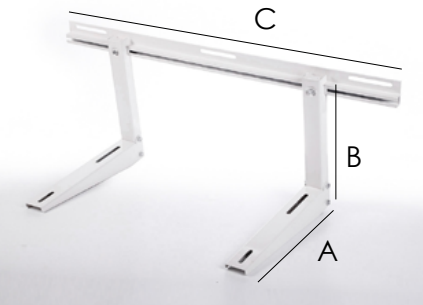
Model	A(mm)	B(mm)	Loading(KG)
SZW-500	500	200	160
SZW-580	580	190	180



WB
Screw Bracket

- Highly weather-proof white powder-coated surface.
- Complete with screws.
- 3 fixing screws design, extra strong.

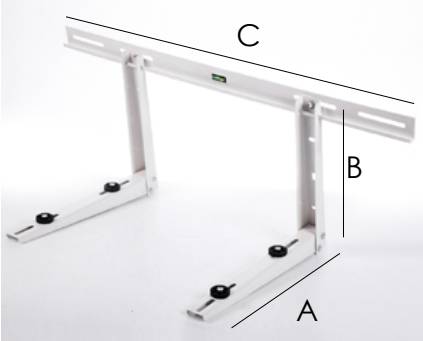
Model	A(mm)	B(mm)	Loading(KG)
WB-460	460	460	150
WB-500	500	500	180
WB-550	550	550	200



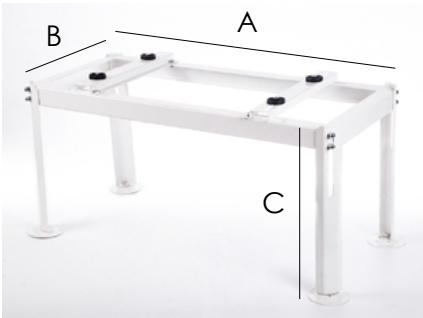
HA/HD
Cross-Bar Bracket

- Powder-coating surface treatment.
- Anti-rusting, anti-corrosion and weather resistant.
- Perfect for long-term outdoor use.
- Supplied with bolt, anti-vibration rubber accessories in bag.
- The distance to the wall can be easily adjusted.
- Exclusive built-in spirit level can correct mounting slope position.

Model	A(mm)	B(mm)	C(mm)	Loading(KG)
HA-400	400	360	800	150
HA-450	450	400	800	160
HA-500	500	500	1000	180
HA-550	550	500	1000	200



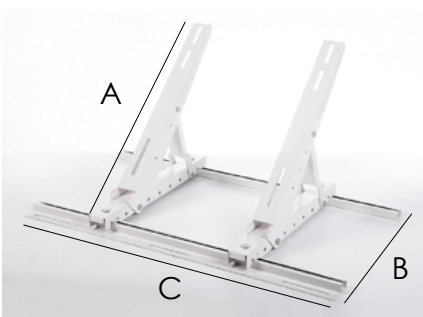
Model	A(mm)	B(mm)	C(mm)	Loading(KG)
HD-450	450	400	700	160
HD-550	550	400	800	180
HD-600	600	500	850	200



GS1
Ground Bracket

- Highly weather-proof white powder-coated surface.
- Supplied with bolt, anti-vibration rubber accessories in bag.
- Adjustable height.

Model	A(mm)	B(mm)	C(mm)	Loading(KG)
GS1-380	850	400	380	180
GS1-480	850	400	480	200
GS1-550	1000	400	550	200



RS
Roof Bracket

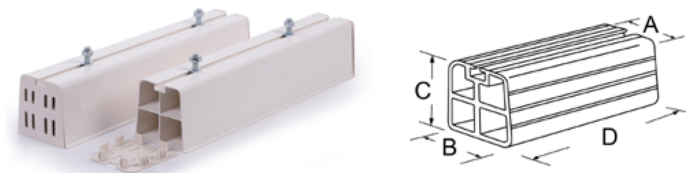
- For installation on roofs or sloping surfaces.
- Adjustable angle for surface incline 10° to 28°.
- Adjustable length width: 400-1000 mm.
- 100 to 380 mm depth.
- Come with bolt and anti-vibration accessories in bag.

Model	A(mm)	B(mm)	C(mm)	Loading(KG)
RS-380	500	380	800	200
RS-480	500	480	800	220
RS-500	550	500	1000	250
RS-550	600	550	1000	250



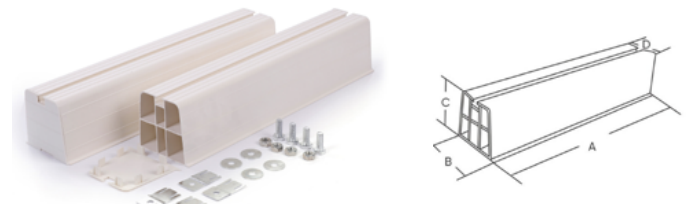
Air Conditioner Floor Support

- Shock-proof PVC, resistant to UV-ray.
- Easy and quick to install on any ground surface.
- Portability with excellent climate tolerance and high loading capacity.
- Various sizes to meet all kinds of air conditioner outdoor units.



FSP1

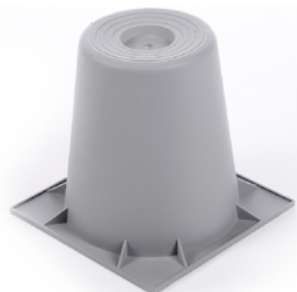
Model	A(mm)	B(mm)	C(mm)	D(mm)
FSP1	80	100	95	350/450/1000



*The "honeycomb" structure allows an anti-vibration effect.

FSP3

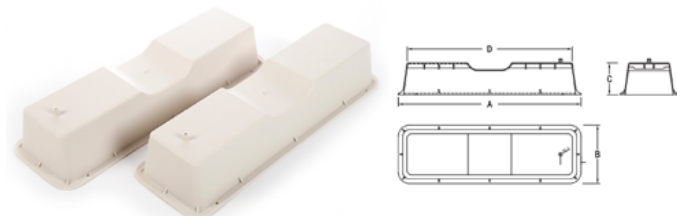
Model	A(mm)	B(mm)	C(mm)	D(mm)
FSP3	350/450	104	94	80



- Heavy duty.
- Includes factory installed butyl mastic on the top and bottom to absorb vibration and reduce noise.
- 1 piece design.
- 2 piece terrain adaptable design.

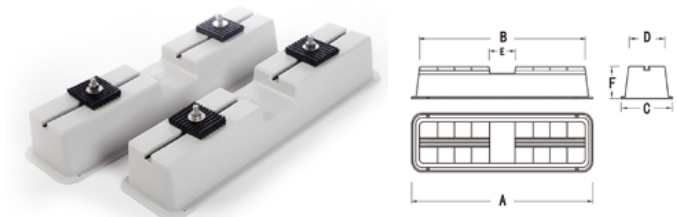
FSP5

Model	Description	Standard Pack
FSP5-A	3" 1 Piece	48
FSP5-B	6" 1 Piece	24
FSP5-C	3" 2 Piece	24
FSP5-D	6" 2 Piece	12



FSP2

Model	A(mm)	B(mm)	C(mm)	D(mm)
FSP2	400	130	70	360



FSP4

Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)
FSP4	450	400	116	80	70	75



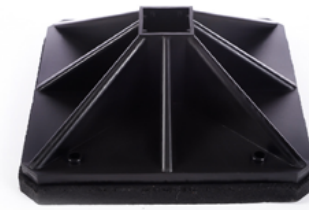
- Highly weather proof white powder-coated surface.
- Suitable for any type of wall brackets.
- Elegant styling.

CCT

Condensation Water Collecting Tray

Model	A mm	B mm	C mm
CCT-670	670	350	130
CCT-790	790	350	130
CCT-930	930	350	130
CCT-970	970	350	130

Big Foot Support



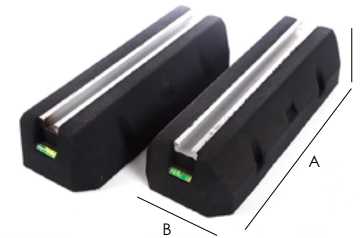
BFS

Universal Adjustable Framework For Light Flat Roofs

- Ideal for: Condensers and packaged units
Split or VRF air conditioning systems
Ventilation units
Pipework & ductwork
- Three basic modular frame works are available for supporting 2,4 or 6 small condenser units.

- 2 Unit system framework: 1m*1.3m
- 4 Unit system framework: 2m *1.3m
- 6 Unit system framework: 3m*1.3m
- Big Foot support surface: 305mm*305mm
- Feet total height: 375mm
- Adjustable height: 245mm-350mm: floor to framework.
- Maximal charge: 120 Kg per Big Foot.

Multi Foot



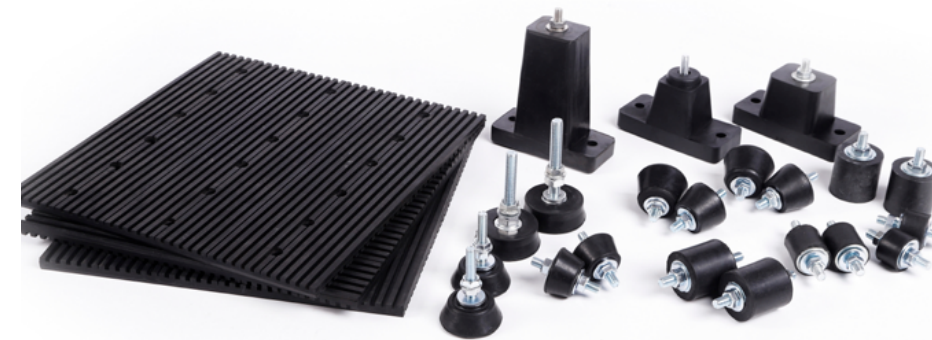
MFT

Rubber Foot Support

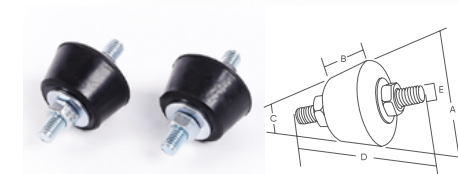
- Can be placed on the roof or ground without damage water proof structure on the buildings.
- Reduce Noise
- UV resistant, durable recycled rubber
- Corrosion resistant aluminum channel

Size	A(mm)	B(mm)	C(mm)
MFT-250	250	160	90
MFT-400	400	160	90
MFT-450	450	160	90
MFT-600	600	160	90
MFT-1000	1000	160	90
MFT-450S	450	130	60
MFT-500S	500	130	60

Rubber Vibration Damper

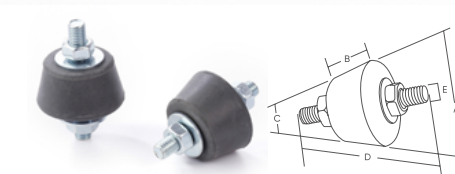


- Made of natural rubber.
- Used for air-conditioner, generators, electric motor and instruments.
- One bag contains four piece complete with washers and nuts.



AG30

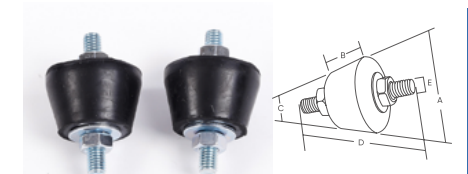
Model	Dimension (mm)				
	A	B	C	D	E
AG30	40	22.5	27	62.5	8



AGG30

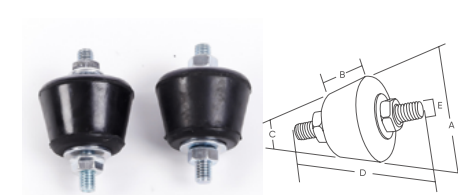
Model	Dimension (mm)				
	A	B	C	D	E
AGG30	40	22.5	27	62.5	8

*Grey color



AG35

Model	Dimension (mm)				
	A	B	C	D	E
AG35	37	24	28	62	8



AG45

Model	Dimension (mm)				
	A	B	C	D	E
AG45	43	31	33	71	8



S40

Model	Dimension (mm)				
	A	B	C	D	E
S40	48	33	22	8	60



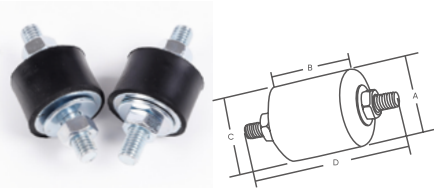
S60

Model	Dimension (mm)				
	A	B	C	D	E
S60	64	44	25	12	90

ACR Service and Maintenance Products

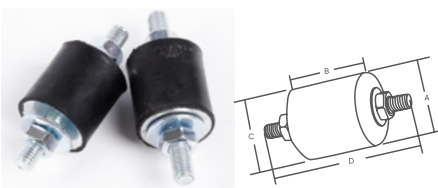
ACR Service and Maintenance Products

ACR Service and Maintenance Products



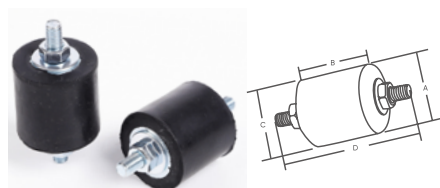
CL40

Model	Dimension (mm)			
	A	B	C	D
CL40	30	25	8	65



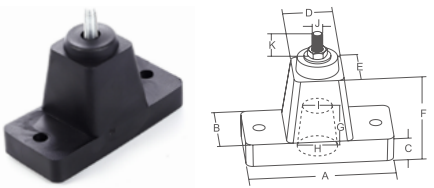
CL50

Model	Dimension (mm)			
	A	B	C	D
CL50	30	30	8	70



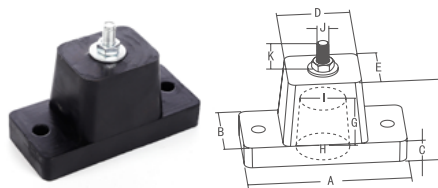
CL60

Model	Dimension (mm)			
	A	B	C	D
CL60	40	30	8	80



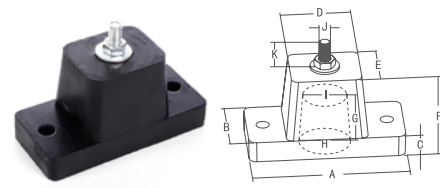
RMS30

Model	Dimension (mm)										
	A	B	C	D	E	F	G	H	I	J	K
RMS30	110	50	17	37	37	66	35	30	22	8	20



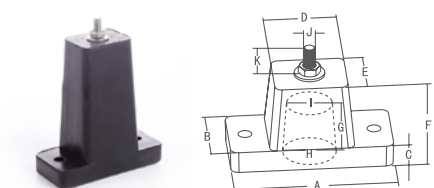
RMS40

Model	Dimension (mm)										
	A	B	C	D	E	F	G	H	I	J	K
RMS40	107	48	15	48	38	58	36	35	30	8	20



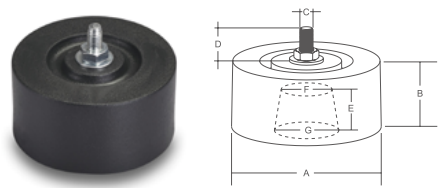
RMS50

Model	Dimension (mm)										
	A	B	C	D	E	F	G	H	I	J	K
RMS50	112	50	17	53	43	60	40	36	30	8	20



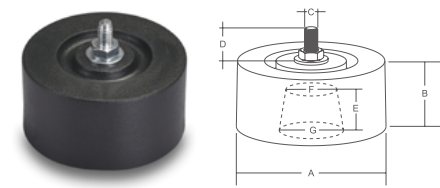
RMS50S

Model	Dimension (mm)										
	A	B	C	D	E	F	G	H	I	J	K
RMS50S	110	48	17	50	38	121	90	35	26	8	20



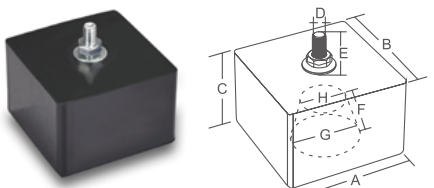
RRD80

Model	Dimension (mm)						
	A	B	C	D	E	F	G
RRD80	87	42	8	20	24	48	66



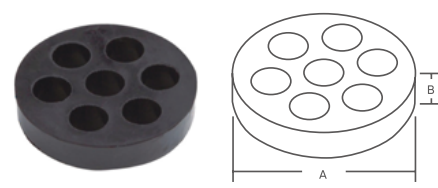
RRD90

Model	Dimension (mm)						
	A	B	C	D	E	F	G
RRD90	97	60	10	30	33	50	60



SRD100

Model	Dimension (mm)							
	A	B	C	D	E	F	G	H
SRD100	100	100	80	10	30	40	50	40

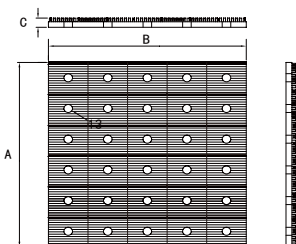


RRD40

Model	Dimension (mm)	
	A	B
RRD40	40	8



RPC
Rubber Pad for Cutting
• Made of natural rubber.
• Allows universal installation.



Model	Dimension (mm)		
	A	B	C
RPC10110	100	1000	10
RPC10150	150	1000	10
RPC10200	200	1000	10
RPC10300	300	1000	10
RPC15110	100	1000	15
RPC20100	100	1000	20
RPC3310	300	300	10
RPC3315	300	300	15
RPC3320	300	300	20



Condensate Drain Pipe



Drain Hose
• Made from PE.
• Double Colored available.
• Highly shock resistance, against UV rays.
• Packed in single carton in rolls of 50M.
• Coupling Inner Diameter: 14/16mm, 16/18mm.



ISDH
Drain Hose
• Made from PVC.
• Foam films inside.
• Used as heat preservation hoses in the air conditioner.
• Packed in single carton in rolls of 25M.
• Inner Diameter: 14mm, 19mm, 25mm.



TP
Transparent Pipe
• Stands temperature from -10 to 60°C.
• 25M or 50M per roll.
• Inner Diameter: 6, 8, 10, 12, 15, 19, 25, 32, 38, 50mm.



Rigid Drain Pipe and Fitting
• Made of white PVC.
• For condensated water (no pressure).
• Suitable for installation both along the wall as well as under the wall.
• Sizes: 16mm, 20mm, 25mm, 32mm and so on.



RDP
Pipe



RDP-C
Coupling



RDP-T
Tee



RDP-TR
Tee Reducer



RDP-FR
Fitting Reducer



RDP-E45
45° Elbow



RDP-E90
90° Elbow



RDP-E90R
Elbow Reducer

Refrigeration
Chemicals

Copper Tube

ACR Compressor

Heat Exchanger,
Condensing Unit,
Condenser, Evaporator

Refrigeration and Air
Conditioning Parts

ACR Service and
Maintenance Products

Fan and Motor

Air Curtain,
Air Conditioner,
Cold Storage

Pre-Installation Box



PB-H
Horizontal Type



PB-V
Vertical Type



PB-C
Hermetic Type

Model	L	W	H
	mm	mm	mm
PB-50	435	110	50
PB-70	435	110	70

Electric Cable and Power Plug



EU-2P



JP-2P



ZA-3P



IT-2P/3P



AG-3P/2P



EU-3P



US-3P



UK-3P



CN-2P/3P



AU-3P/2P



IL-3P



DE-2P



LTF
PVC Insulated PVC Sheathed Non-Flexible Cords

LTF-124A: 3×1.5mm(3×7×0.52BC) O.D 9.0MM
LTF-124B: 3×2.5mm(3×7×0.68BC) O.D 10.0MM
LTF-124C: 3×4.0mm(3×7×0.83BC) O.D 12.0MM
LTF-124D: 3×6.0mm(3×7×1.04BC) O.D 13.5MM

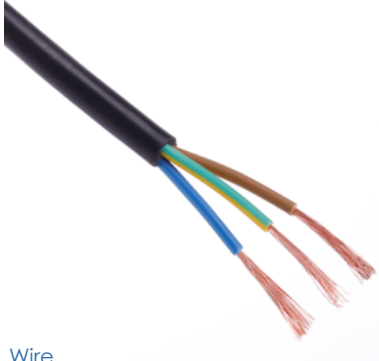


Warmcable Electric Floor Heating

Electric Floor Heating Cable Systems combine the highest comfort levels with maximum energy efficiency. It's a proven technology that's safe, reliable and energy efficient.

- Single point connection.
- Twin conductor cable.
- Emits zero EMF (electromagnetic fields).
- Safety approved for wet locations.
- Flexible installation.
- Durable construction.

Properties	
Cable Construction	Twin conductor
Rated Voltage	120V, 240V
Output	3W/ft (9.8W/m)±10%
Heating Element Size	40'(12.2m)to 800'(243.8m)
Bending radius	1"(25.4mm)
Cable Diameter	1/8"-1/6"(3.2mm-4.2mm)
Conductor Insulation	Fluoropolymer
Outer Insulation	Fluoropolymer or PVC
Max. Ambient Temp.	85°F(30°C)
Min. Installation Temp.	40°F(5°C)
Cord lead	2-wire 16 AWG plus ground braid; 10ft(3m) length



Wire

Type	Name	Rated Voltage (V)	Product Standard
2271EC01 (BV)	PVC insulation wire with copper core	300/500	GB5023
2271EC05 (BV)		450/750	enterprise standard
BLV	PVC insulation wire with aluminum core	450/750	JB8734
BVR	Soft wire with PVC insulation, copper core	450/750	JB8734
BVV	Round wires with copper core, PVC insulation, PVC protective covers	300/500	GB5023
BVVB	Flat wires with copper core, PVC insulation, PVC protective covers	300/500	JB8734
BV-105	Wires with copper core, PVC insulation, temperature enduring with 105 °C	450/750	enterprise standard
ZR-BV	Wires with copper core, PVC insulation, inflaming retarding	-	-
2271EC02(RV)	Soft connection wire with copper core, PVC insulation	450/750	GB5023
2271EC06(RV)		300/500	
RVB	Flat connection soft wires with copper core, PVC insulation	300/300	-
RVS	Twisted connection soft wires with copper core, PVC insulation	300/300	GB5023 JB8734-enterprise standard
2271EC52(RVV)	Round connection soft wires with copper core, PVC insulation and PVC protective covers	300/300	GB5023 JB8734-enterprise standard
2271EC56(RVV)		300/500	
RVVB	Flat connection soft wires with copper core, PVC insulation and PVC protective covers	300/300	GB5023
RV-105	Connection soft wires with copper core, temperature enduring with 105 °C , PVC insulation	300/500	GB5023
HBVV	Telephone line installation in the house	-	enterprise standard
HRVV		-	
SYWV	Radial frequency cables (television cables)	-	enterprise standard

PVC Wrapping Tape



- WTP**
PVC Wrapping Tape
- Type: Exquisite cloth grain, Tabby, Twine.
 - Colour: White, Black, Khaki, Grey, Red, Blue.
 - Thickness: 0.10mm-0.15mm
 - Width: 4.7cm, 5cm, 7cm, 10cm
 - Length: 20M, 22M, 30M, 32M

Air Conditioner Cleaning Cover



Q-532



Q-533



Q-536



Q-537

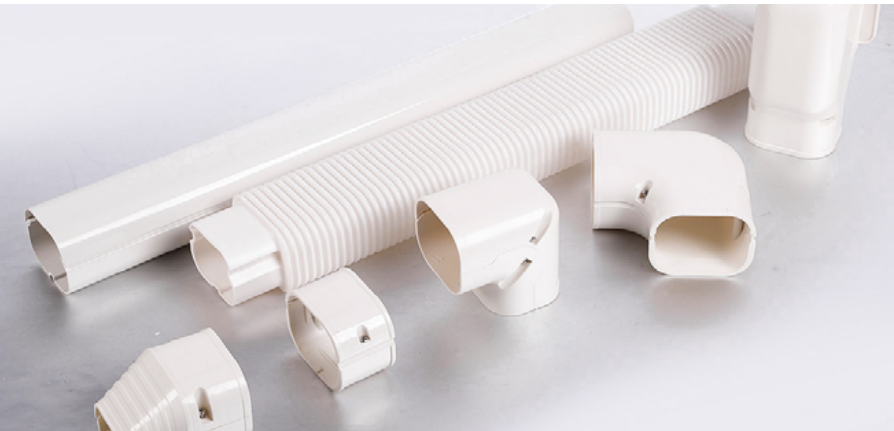
Protection Clothes for AC Unit



ACR Service and Maintenance Products

ACR Service and Maintenance Products

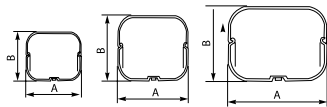
ACR Service and
Maintenance Products



GG Systems
PVC Ducts and Accessories

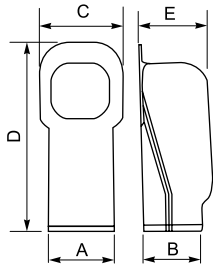
- Material: rigid, fireproof PVC, stabilized against UV rays.
- Galvanized steel assembly screws.
- Quick and easy fitting system.

Line Set Cover



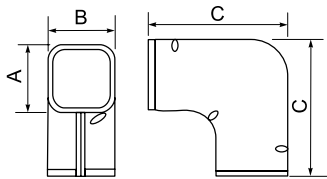
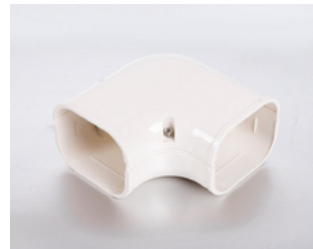
GG
Duct

Model	A	B	Length
GG-1	62	57	2M
GG-2	77	61	2M
GG-3	100	66	2M



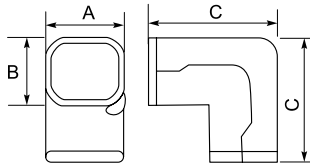
QG
Wall Corner

Model	A	B	C	D	E
QG-1	69	62	89	200	75
QG-2	83	70	110	207	79
QG-3	110	73	127	225	88



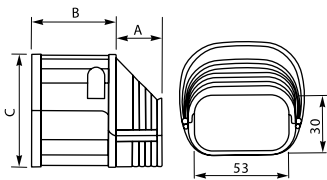
PW
Flat Bend 90

Model	A	B	C
PW-1	69	62	100
PW-2	85	69	131
PW-3	107	73	154



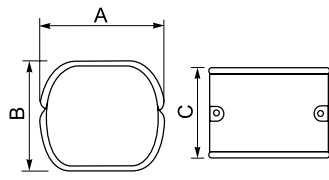
CW
Elbow Bend 90

Model	A	B	C
CW-1	66	63	97
CW-2	81	68	100
CW-3	109	75	116



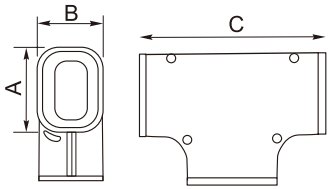
WJ
End Cap

Model	A	B	C
WJ-1	25	45	63
WJ-2	50	50	68



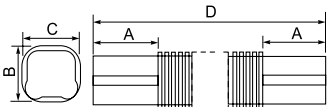
ZL
Joint

Model	A	B	C
ZL-1	71	62	50
ZL-2	85	67	60
ZL-3	111	75	66



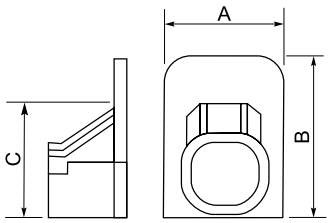
ST
T-type Joint

Model	A	B	C
ST-3	110	73	235



LR
Flexible Joint

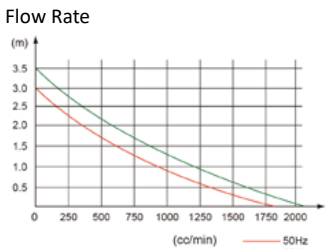
Model	A	B	C	D
LR-1	30	55	70	500
LR-2	35	56	76	507
LR-3	54	64	95	578



QD
Ceiling Cap

Model	A	B	C
QD-2	109	143	123

Condensate Drain Pump



PSB1018

Model	PSB1018
Current Source	AC220-240V~50/60HZ or 115V~60HZ
Max Head	3-3.5M
Discharge of Water	1800-2000CC/MIN
Outlet Piping	φ4×φ6
Suitable Air Conditioning	10KW(30,000btu/hr) All kinds of wall Air-conditioning
Input Power	23/25W
Contour Size	L180×H150×W105
Ambient Temperature	0°C~50°C
Thermal Protection	> 90°C
Sound Level	< 25dB(A)

Refrigeration
Chemicals

Copper Tube

ACR Compressor

Heat Exchanger,
Condensing Unit,
Condenser, Evaporator

Refrigeration and Air
Conditioning Parts

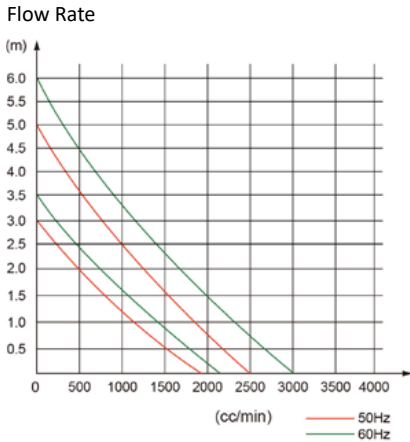
ACR Service and
Maintenance Products

Fan and Motor

Air Curtain,
Air Conditioner,
Cold Storage



PSB30228/PSB50228



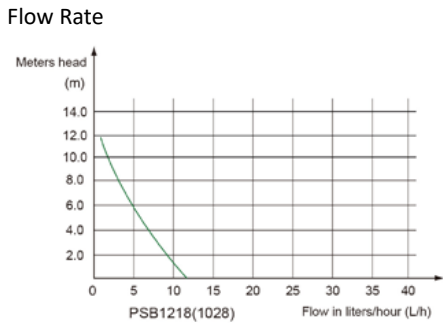
Model	PSB30228	PSB50228
Current Source	AC220-240V~50HZ or 115V~60HZ	
Max Head	3M	5M
Input Power	55W	58W
Check Valve	Hidden within	Hidden within
The Top/Bottom of the Inlet	5/8" / 3/4"	5/8" / 3/4"
Outlet Piping	3/8" 4m/m	3/8" 4m/m
Contour Size	L250×H140×W110	L250×H140×W110
Sound Level	≤45 dB(A)	≤55 dB(A)
Ambient Temperature	0°C~50°C	0°C~50°C
Suitable Air Conditioning	All kinds of Cabinets fan coil / Ceiling Cassette	



PSB1028



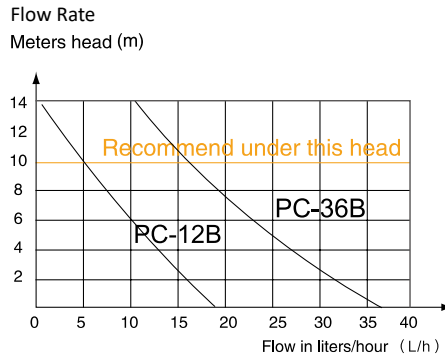
PSB1218



Model	PSB1028/PSB1218
Current Source	230V~50/60HZ or 115V~60HZ
Max Head	6.5M
Flow rate	Max.12L/h (3.2GPH)
Ambient Temperature	0°C~50°C
Thermal Protection	> 90°C
Sound Level	< 25dB(A)
Product weight	2.2KG
Contour Size	L280×H165×W134



PC-12B/PC-36B

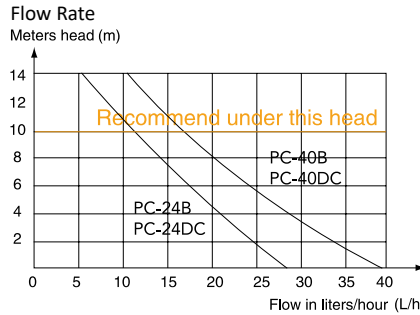


Model	Performance (l/h@Head)				
	0m	2m	4m	6m	8m
PC-12B	18	12	8	7	6
PC-36B	36	34	30	24	20

Model	PC-12B	PC-36B
Voltage	100-230V~/50-60HZ	100-230V~/50-60HZ
Discharge head	Max. 10m(33ft)	Max. 10m(33ft)
Rated	Non continuous	Non continuous
Flow rate	Max. 18L/h(4.8GPH)	Max. 36L/h(9.6GPH)
Tank capacity	35ML	35ML
Mini splits up to	8KW(30,000btu/hr)	15KW(45,000btu/hr)
Sound level to 1m	19dB(A)	21dB(A)
Ambient temp.	0°C~50°C	0°C~50°C
Power consumption	3W	3W
Safety switch	NC 3A-250V	NC 3A-250V
N.W.	Pump180g Reservoir 70g	Pump180g Reservoir 70g



PC-24B/PC-40B
PC-24DC/PC-40DC



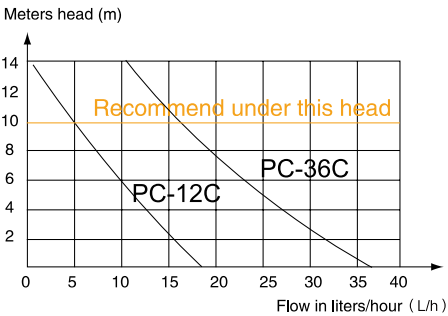
Model	Performance (l/h@Head)					
	0m	2m	4m	6m	8m	10m
PC-24B PC-24DC	28	24	20	18	16	12
PC-40B PC-40DC	40	34	30	24	20	18

Model	PC-24B	PC-40B	PC-24DC	PC-40DC
Voltage	100-230V~/50-60HZ	100-230V~/50-60HZ	12V or 18-72V	12V or 18-72V
Discharge head	Max. 10m(33ft)	Max. 10m(33ft)	Max. 10m(33ft)	Max. 10m(33ft)
Rated	Non continuous	Non continuous	Non continuous	Non continuous
Flow rate	Max. 24L/h(6.2GPH)	Max. 40L/h(10.5GPH)	Max. 24L/h(6.2GPH)	Max. 40L/h(10.5GPH)
Tank capacity	55ML	55ML	55ML	55ML
Mini splits up to	8KW(30,000btu/hr)	15KW(45,000btu/hr)	8KW(30,000btu/hr)	15KW(45,000btu/hr)
Sound level to 1m	19dB(A)	21dB(A)	19dB(A)	21dB(A)
Ambient temp.	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C
Power consumption	3W	3W	3W	3W
Safety switch	NC 3A-250V	NC 3A-250V	NC 3A-250V	NC 3A-250V
N.W.	Pump 240g Reservoir 80g			



PC-12C/PC-36C

Flow Rate



Model	Performance(l/h@Head)				
	0m	2m	4m	6m	8m
PC-12C	18	12	8	7	6
PC-36C	36	34	30	24	20

Model	PC-12C	PC-36C
Voltage	100-230V~/50-60HZ	100-230V~/50-60HZ
Discharge head	Max. 10m(33ft)	Max. 10m(33ft)
Rated	Non continuous	Non continuous
Flow rate	Max. 18L/h(4.8GPH)	Max. 36L/h(9.6GPH)
Tank capacity	55ML	55ML
Mini splits up to	8KW(30,000btu/hr)	15KW(45,000btu/hr)
Sound level to 1m	19dB(A)	21dB(A)
Ambient temp.	0°C~50°C	0°C~50°C
Power consumption	3W	3W
Safety switch	NC 3A-250V	NC 3A-250V
N.W.	315g	315g

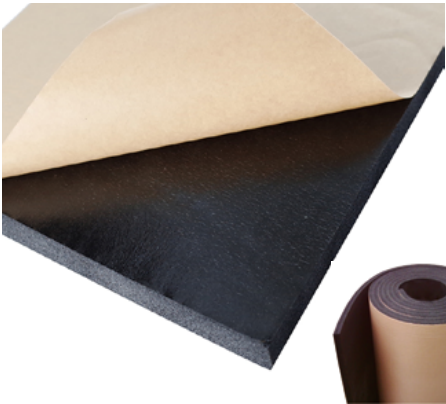


RFTP
Rubber Foam Tape

- Made of synthetic rubber, helps to avoid condensation.
- Standard size: 3mm×50mm×9.14m.
- Packing: upon requirement.



RIR
Rubber Insulation Sheet



SRIR
Self-adhesive Rubber Insulation Sheet

- Available in several thicknesses and self-adhesive.
- Meet most of the needs in the fields of both civil and industrial plants for refrigeration, air conditioning, heating and plumbing, the insulation of tanks, pipe fittings, water ducts etc.
- The sheet is designed for the insulation on very large surfaces.
- Material: Synthetic rubber with closed cell structure.
- Standard Size :
TK: 6mm; 10mm; 13mm; 19mm; 25mm
Width: 1m; 1.2m Length: 10m; 20m

Insulation Material

RIP
Rubber Insulation Pipe

- Characterized by totally closed cell structure and based on high synthetic rubber.
- Widely used for the insulation of pipework and ducting.



ID	3/8" (10mm)	1/2" (13mm)	3/4" (19mm)	1" (25mm)
mm (inch)	pcs/ctn	pcs/ctn	pcs/ctn	pcs/ctn
6 (1/4)	168	120	48	
10 (3/8)	120	100	36	30
13 (1/2)	100	80	30	28
16 (5/8)	90	63	30	24
19 (3/4)	72	56	26	20
22 (7/8)	65	42	24	20
25 (1)	49	36	20	18
28 (1 1/8)	49	36	20	18
32 (1 1/4)	42	30	20	16
35 (1 3/8)	36	30	18	15
42 (1 5/8)	30	25	16	12
48 (1 7/8)	28	20	12	10
51 (2)	24	20	12	9
54 (2 1/8)	20	18	12	9
60 (2 3/8)	20	18	9	9
67 (2 5/8)	18	13	8	8
73 (2 7/8)	18	13	8	8
76 (3)	18	12	8	8
79 (3 1/8)	15	12	6	6
89 (3 1/2)	15	12	6	6



GWR
Glass Wool Insulation



GWR-A
Glass Wool with Aluminum Foil

- Glass wool duct insulation of 25 mm thickness.
- Size: 1.2x20m
- For thermal and acoustic insulation of HVAC ductwork applications.
- Material: Glass wool with horizontally orientated glass wool fibers, glued on a reinforced aluminum foil of 20 μ thickness.
- Colour: Yellow mineral glasswool with reinforced aluminum foil.