

KINGCOOL®

SERVICES



Best-seller
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Best-seller

Product Catalog

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KINGCOOL®

At KingCool, we go far beyond to provide you with the security and tranquility necessary for your business. Your eyes in China are with us.

We take advantage of our specialization to provide our clients with benefits that can only be obtained by dealing with professionals in the sector.

Welcome



OUR COMPANY

KingCool, is a Anhui-based company, founded in 2022; with more than 10 years of experience, we provide great support to our clients from 12 different Latin American nations. From locating the best factory in China to produce your goods, avoiding scams, and obtaining the best pricing available, to the supplier's quality inspection procedure to guarantee the goods match your standards for quality before payment and shipment.

Mission

To assist our worldwide clients who buy, manufacture, or conduct business in China with all industrial, commercial, logistical, legal, administrative, and financial processes by providing high-quality service in English, Chinese, and 100% Spanish at reasonable times and at the most affordable prices available on the market. This enables us to reduce error margins, processing times, and financial costs.

Vision

To be the most respectable and well-known commercial ally, supporting companies operating worldwide to become more successful.

Your Air We Care



Multiple Air Purification

We consider more for your breathing in every second.

We care more for the indoor air quality. Multiple layers of air filters and air purifying functions are provided as optional choices.

High density anti-mildew filter

Authenticated by Canton Microbiology Detection Center, the mildew-proof level of this filter can effectively control the growth of common mildew and fungus.



Alternative filters

Photocatalytic filter/ Catechin filter/ Active carbon filter/ Silver ion filter/ HCHO purification filter / Multi-functional filter.



IFD module (Optional)

The IFD (Intense Field Dielectric) module is efficient solution for wiping off the small dust particles in the air. The dust collector can be easy removed by washing and reusing.



Cold plasma generator (Optional)

The cold plasma generator can effectively eliminate the bacteria and odor in the air.

- ① The H₂O molecules are ionized
- ② Neutral reaction between the positive ions and negative ions can eliminate bacteria and odor molecules.



Reliable Outdoor Unit Design

High standard components



High Quality PCB

Designed & manufactured by Skyworth, the PCB is well protected and all elements are from most qualified suppliers, it ensures the performance and long service life.

High Performance Compressor

New designed compressor highly reduces the energy consuming & noise during operation. It is manufactured according to JIS industrial standard, high reliability and long service life.

High Efficiency Heat Exchanger

Combined with hydrophilic anti-corrosion aluminum fins and inner grooved copper tubes, the heat exchanger is high efficient and high reliable.

Golden Fin for Option

All new design aerodynamic fan blade

The fan blade is designed according to latest aerodynamic simulation, ensure the better optimized air flow and lower noise.

Reliable Design



DC Inverter Compressor

Strong cooling & heating power from high efficiency DC Inverter compressor.

- Energy saving
All new design of compressor chamber and high efficient motor, highly reduce the energy consuming during operation.



- Low noise
Quiet operation thanks to the particular noise reduction technology.



- Longer service life
Compressor manufactured according the strictest JIS industrial standard from Japan, with high reliability and longer service life.



Refrigeration Compressors 1/6hp - 1/4hp - 1/3hp R134-A

SECOP

The compressor is the "heart" of a refrigerator. It circulates the refrigerant throughout the system adds pressure to the warm part of the circuit, and makes the refrigerant hot. It's similar to when you are pumping air into a bicycle tube - you can sense a heat increase in the pump while you compress the air.

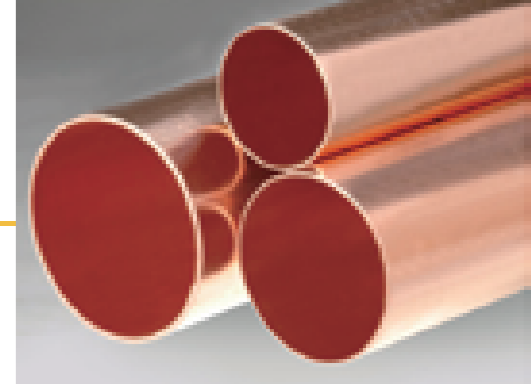
R134a 220-240V / 50/60Hz | 208-230V / 60Hz

Model	Application	ASHRAE Capacity						ASHRAE Cooling Capacity			
		Tc=54.4 °C, Tliq=32.2 °C, Tsuo=32.2 °C at Evaporating Temp.						LBP rating point -23.3 °C/54.4 °C	MBP rating point -23.3 °C/54.4 °C	HBP rating point 7.2 °C/ 54.4 °C	Displ.
		-35	-15	-5	0	10	15				
SC10G	LMHSP	30 W	330 W	603 W	766 W	1149 W	1368 W	168 W	493	923	10.29 cchev.
SC12G	LMHSP	81 W	433 W	749 W	954 W	1471 W	1791 W	248	614	1179	12.87 cchev.
SC15G	LMHSP	-	527 W	904 W	1127 W	1689 W	1998 W	260	745	1341	15.28 cchev.
SC18G	LMHSP	-	658 W	1081 W	1348 W	2011 W	2417 W	307	893	1612	17.69 cchev.
SC21G	LMHSP	-	755 W	1261 W	1579 W	2352 W	2810 W	461	1039	1889	20.95 cchev.



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COPPER TUBE



Straight Copper Tube

Outer Diameter		Wall Thickness			Gross Weight		
		Type K	Type L	Type M	Type K	Type L	Type M
Inch	mm	mm	mm	mm	Kg/m	Kg/m	Kg/m
3/8"	9.52	0.89	0.76	-	0.216	0.187	-
1/2"	12.7	1.24	0.89	0.64	0.398	0.295	0.217
5/8"	15.88	1.24	1.02	0.71	0.508	0.425	0.302
3/4"	19.05	1.24	1.07	-	0.618	0.539	-
7/8"	22.23	1.85	1.14	0.81	0.95	0.673	0.486
1 1/8"	28.58	1.85	1.27	0.89	1.244	0.972	0.69
1 3/8"	34.92	1.85	1.4	1.07	1.537	1.314	1.014
1 5/8"	41.28	1.85	1.52	1.24	2.021	1.693	1.39
1 7/8"	53.98	3.11	1.78	1.47	3.065	2.622	2.162
2 1/8"	66.68	-	2.03	1.65	-	3.675	3.005
3 1/8"	79.38	-	2.29	1.83	-	4.943	3.974
4 1/8"	104.78	-	2.79	2.41	-	7.968	6.908
5 1/8"	130.18	-	3.18	2.77	-	11.308	9.862
6 1/8"	155.58	-	3.56	3.1	-	15.154	13.206



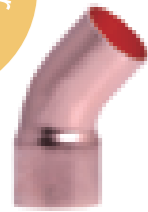
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Pancake Coil

Outer Diameter		Wall Thickness		Type		
Inch	mm	Inch	mm	15m	30m	>30m
3/16"	4.76	0.014-0.035	0.36-0.89	Single Layer	Double Layer	Multi Layer
1/4"	6.35					
5/16"	7.94					
3/8"	9.52	0.020-0.045	0.51-1.14	Double Layer	Double Layer	Multi Layer
1/2"	12.7					
5/8"	15.88					
3/4"	19.05					
7/8"	22.23	0.024-0.058	0.61-1.50	Double Layer	Double Layer	Multi Layer
1-1/8"	28.58					

COPPER FITTING



90° Elbow Short Radius



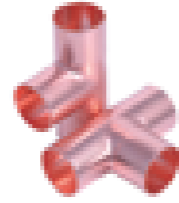
Size(IN) 英寸尺寸	Metric sized 公制尺寸
1/4"	8 mm
5/16"	10 mm
3/8"	12 mm
1/2"	16 mm
5/8"	18 mm
3/4"	22 mm
7/8"	25 mm
1"	28 mm
1-1/8"	32 mm
1-1/4"	35 mm
1-3/8"	42 mm
1-1/2"	54 mm
1-5/8"	64 mm
1-3/4"	67 mm
2-1/8"	76 mm
2-5/8"	80 mm
3-1/8"	89 mm
3-5/8"	108 mm
4-1/8"	133 mm
5-1/8"	159 mm



Coupling Equal



Size(IN) 英寸尺寸	Metric sized 公制尺寸
1/4"	8 mm
3/8"	10 mm
1/2"	12 mm
5/8"	14 mm
3/4"	16 mm
7/8"	18 mm
1"	22 mm
1-1/8"	25 mm
1-1/4"	28 mm
1-3/8"	35 mm
1-1/2"	42 mm
1-5/8"	54 mm
1-3/4"	64 mm
2"	67 mm
2-1/8"	76 mm
2-5/8"	80 mm
3-1/8"	89 mm
3-5/8"	108 mm
4-1/8"	133 mm



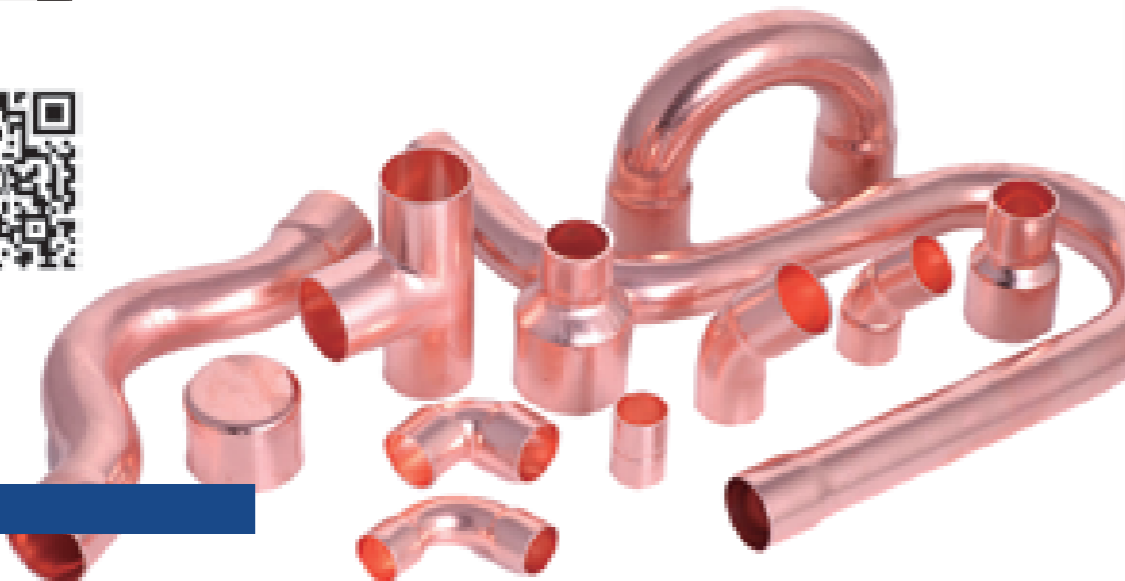
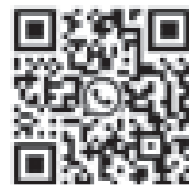
Tee Equal



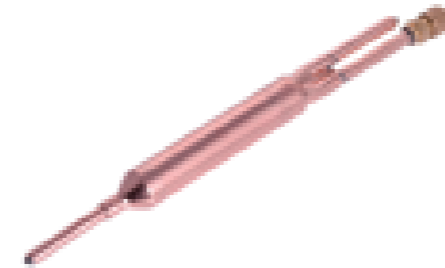
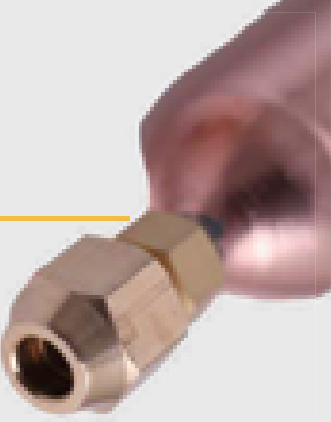
Coupling Reducing



Size(IN) 英寸尺寸	Metric sized 公制尺寸
1/4" x 3/16"	10 x 8 mm
3/8" x 1/4"	12 x 8 mm
3/8" x 5/16"	12 x 10 mm
1/2" x 1/4"	15 x 8 mm
1/2" x 5/16"	15 x 10 mm
1/2" x 3/8"	15 x 12 mm
5/8" x 1/4"	16 x 10 mm
5/8" x 3/8"	16 x 12 mm
5/8" x 1/2"	16 x 15 mm
3/4" x 3/8"	18 x 10 mm
3/4" x 1/4"	18 x 12 mm
3/4" x 1/2"	18 x 15 mm
3/4" x 5/8"	22 x 10 mm
7/8" x 1/4"	22 x 12 mm
7/8" x 3/8"	22 x 15 mm
7/8" x 1/2"	22 x 16 mm
7/8" x 5/8"	22 x 18 mm
7/8" x 3/4"	28 x 15 mm
1" x 1/2"	28 x 18 mm
1" x 5/8"	28 x 22 mm
1" x 7/8"	35 x 15 mm
1" x 3/4"	35 x 18 mm



COPPER FILTERS



ACCUMULATOR

Size(O*L)	Inlet(In*φ)	Outlet(Out Dia.)
φ19mm×150mm	3/8"	1/4"
φ24mm×190mm	3/8"	3/8"
φ22.2mm×200mm	5/16"	5/16"
φ45mm×170mm	5/8"	3/8"
φ48mm×200mm	1/2"	1/2"

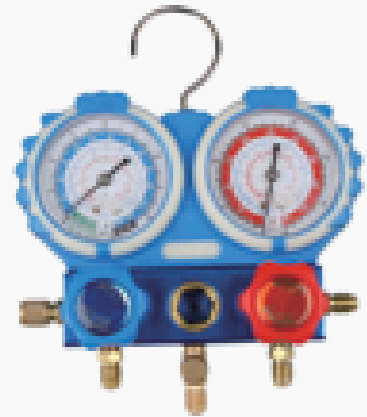
FILTER DRIER WITH ACCESS VALVE

Molec.Sieve (Gr.)	Filter Body Sizes		Connection	
	φ(mm)	L(mm)	A(mm)	B(mm)
10	18.8	98	2X6.35	6.35
10	18.8	115	2X6.35	6.35
25	25.4	120	2X6.35	6.35
25	25.4	130	2X6.35	6.35

FILTER WITH BRASS NUTS

Molec.Sieve (Gr.)	Filter Body Sizes		Connection	
	φ(mm)	L(mm)	A(mm)	B(mm)
10	24	105	1/4"SAE	1/4"SAE
12	25.4	90	1/4"SAE	1/4"SAE
25	25.4	107	1/4"SAE	1/4"SAE
	16	77	1/4"SAE	1/4"SAE

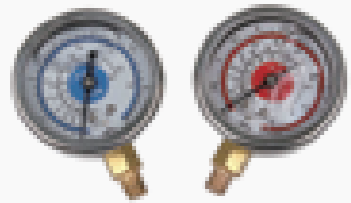




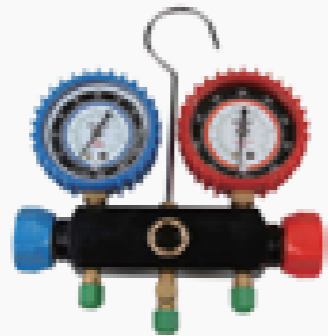
**Manifold Gauge
MF236-A**



**Manifold Gauge
MF536-B**



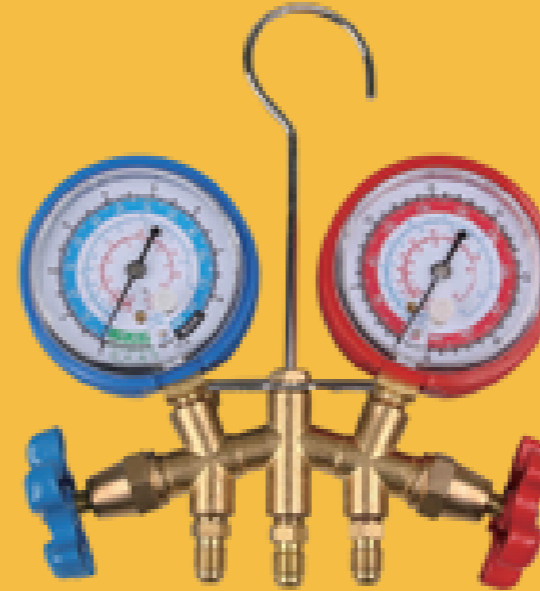
**Single Gauge
Valve
MF467-L/H**



**Manifold Gauge
MF536-A**



Charging Hose



Manifold Gauge

The manifold gauge is a revolutionary tool designed for engineers, mechanics, and car enthusiasts who want to monitor their vehicle's performance and identify potential issues before they become major problems. This compact, user-friendly device measures the pressure and temperature of the engine's coolant system, providing real-time data to help users optimize their vehicle's performance, fuel efficiency, and longevity.

Details:

3-way air conditioning diagnostic manifold gauge set for R134A, R12, R22, and R502 refrigerants. Designed for checking the pressure in AC lines, leak determination, AC charging, recovery work, and complete evacuation & recharges.

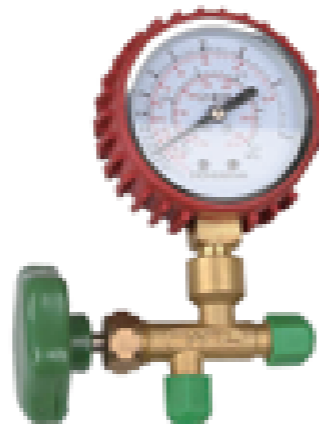
Blue for low, red for high, and yellow for charging, these durable PVC hoses have 4 reinforced layers to work with daily pressures up to 600 psi (burst pressure: 3000 psi)



Specifications:

Weight: 1660g / 3.6lbs

Hose Size: 1/4 inch, Overall Length: 1.5m / 60 inch



MANIFOLD GAUGE

The AC manifold gauge HVAC is a precision instrument designed for heating, ventilation, and air conditioning (HVAC) technicians and homeowners who need to diagnose and repair issues with their air conditioning systems. This versatile tool provides real-time measurements of refrigerant pressure, temperature, and flow rate, allowing users to quickly identify leaks, blockages, and other problems that can cause system failures. With its rugged design, easy-to-read display, and advanced features, the AC manifold gauge HVAC is an essential tool for any HVAC professional or DIY enthusiast.

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Manifold Gauge

The Manifold Gauge comes with a comprehensive user manual, featuring detailed instructions, troubleshooting tips, and technical specifications.

Details:

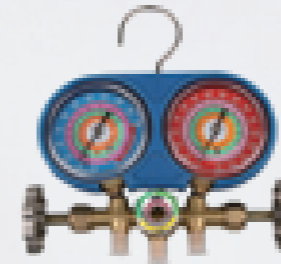
Blue Gauge (low): 0-250 PSI,

Red Gauge (high): 0-500 PSI.

Extra-strength hoses with burst pressure at 3000PSI, Max working pressure: 600PSI.

Celsius degree units with an easy-to-read instrument panel.

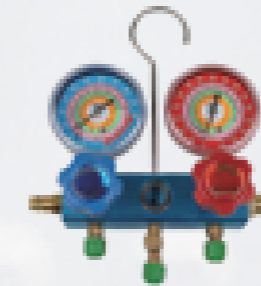
Includes: 1pc 3-way gauge (1/4" male), 3pc hoses (1/4" female), 2pc quick couplers (1/4" male), 1pc adapter (1/4" Male to 1/2" Female)



MF-536B

Two-Valve Brass Manifold

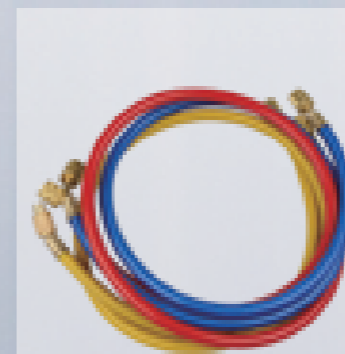
- Forged brass valve body
- Equipped 68mm metric gauge
- Rubber root is optical
- Sight glass to easily view refrigerant movement and condition.



MF-536B

Two-Valve Aluminum Manifold

- Aluminum alloy valve body
- Equipped 68mm metric gauge
- Rubber root is optical
- Sight glass to easily view refrigerant movement and condition.



Model	Length	Description
For R12 / R22 / R-502		
R12-36	90cm (36")	Working pressure: 500 PSI
R12-60	150cm (60")	Burst pressure 2500 PSI
R12-72	180cm (72")	1/4" SAE connection
For R134a		
R12-36-134	90cm (36")	Working pressure: 600 PSI
R12-60-134	150cm (60")	Burst pressure 3000 PSI
R12-72-134	180cm (72")	1/4" SAE connection
For R410A		
R12-36-410	90cm (36")	Working pressure: 800 PSI
R12-60-410	150cm (60")	Burst pressure 4000 PSI
R12-72-410	180cm (72")	1/4" & 5/16" SAE connection

FILTER DRIER

Use: For Use In Refrigeration And Air Conditioning Systems
 Universal: Will Replace Any Brand And Fit Any System According To

Specifications:

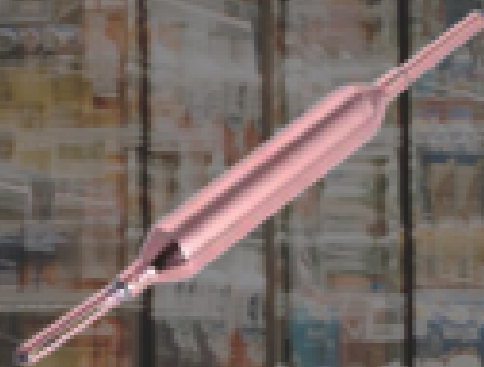
- 1/4 In Copper Connections & In Body Length Molecular Sieve Filtering Element.
- 40 grams (1.44 ounces)
- 20.95 x 1.90 x 1.90 cm (8.25 x 0.75 x 0.75 inches)

COPPER SPUN FILTER DRIER

-Copper filter drier for refrigerators and freezer filled in refrigerant
 - 10 grams, 15 grams, and 20 grams.
 - Copper filter driers (Copper Strainers) for refrigerators, freezers, air conditioners and compressor units

Specifications:

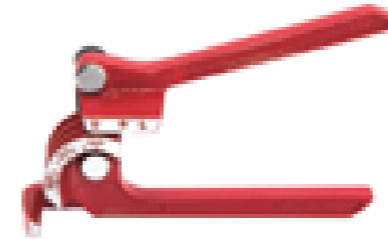
Applicable for all common HCFC, HFC, and HC refrigerants such as: R134a, R404A, R407C, R410A, R507A, R600a.
 Ambient temperature min./max.: -30/+55°C
 Medium temperature TS min./max.: -30°C / +80°C
 Max. operating pressure PS: 4.2 MPa (42 bar)



Molec.Sieve (Gr.)	Filter Body Sizes			Connection	
	φ(mm)	l(mm)	L(mm)	A(mm)	B(mm)
10g	19	105	205	6.35±0.5	6.35
15g	19	125	225	6.35±0.5	6.35
20g	24	120	220	6.35±0.5	6.35
25g	24	140	240	6.35±0.1	6.35
30g	24	150	275	6.35±0.1	6.35
50g	29	160	280	6.35±0.1	6.35

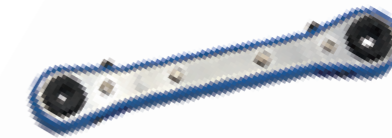
Molec.Sieve	Size(φL)	Inlet(Inch φ)	Outlet(Out Dia.)
10g	φ16mmx115mm	6.35mm	2.5 mm
15g	φ19mmx115mm		2.5 mm
20g	φ24mmx125mm		2.5 mm
30g	φ24mmx140mm		2.5mm
40g	φ24mmx150mm		3.1 mm
50g	φ29mmx160mm		3.1 mm

TOOLS



Tube Bender

Model: CT-368-90
Description: For 1/4", 5/16", 3/8 O.D. tubing



Ratchet Tool

CT-122: 1/4", 3/8", 3/16", 5/16" square ratchet
CT-123L: 1/4", 3/8", 9/16", 1/2" hex ratchet



Universal Flaring Tool

Model: CT-525
Description: For 3/16" to 5/8" (5mm to 16mm) O.D



Capilar Tube Cutter

Model: PTC-01
Description: <6mm, cleanly cut capillary tube without flattening or constructing tube



CT1063



Premium Tube Cutters

Model: CT-274 / CT-274
Description: For 1/8", 1/4 to 1-1/8", 1-5/8" (3, 6mm to 28mm, 41mm) O.D



Mini Tube Cutters

Model: CT-128
Description: For 1/8" to 7/8" (3mm to 22mm) O.D.



Large Tube Cutters

Model: CT-206
Description: For 3/8" to 2-5/8" (10mm to 66mm) O.D.

FLARING TOOL

The Flaring Tool Kit comes with a sturdy carrying case for convenient storage and transportation. The case includes individual pockets for each tool, keeping them organized and protected. This flaring kit swivel-type swaging adapters and flaring cone are made of the sturdiest steel and chromed for easy operation and precision. Plastic durable case with handle for easy transportation, safe storage, and quick organization.

45° Flaring & Swagging Tool Kit

This Complete 10 Piece Flare Tool Kit includes every tool a professional needs to properly flare plastics and soft metals

Details:

- Flaring bar holes: 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8 and 3/4 inch
- Expansion tube adapters: 3/16, 1/4, 5/16, 3/8, 1/2, 5/8 and 3/4 inch.
- Tube cutter: 1/8 to 1-1/8 inch
- Ratchet Wrench: 1/4, 3/8, 3/16 and 5/16 inch
- Contained by LTK-275, LTC-274 & LTC-122
- LTC-274 Tube cutter For 1/8" to 1-1/8" (3-28mm)
- LTC-122 Ratchet wrench For 1/4", 3/8", 3/16" & 5/16"

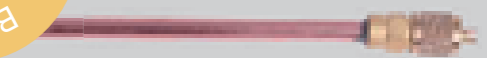


Item Weight: 2535g / 5.59 lbs

Product Dimensions: 40 x 19 x 5 cm / 15.75 x 7.48 x 1.97 inches



BRASS UNION & VALVES



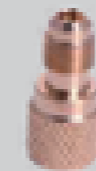
Brass Adapter

Specifications:
Out 1/4 X In 5/16
Out 5/16 X In 1/4



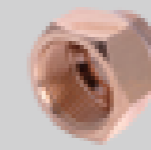
Access Valve

Specifications:
1/8, 3/16, 1/4, 5/16,
3/8, 1/2



Brass Adapter

Specifications:
Out 1/4 X In 5/16
Out 5/16 X In 1/4



Forged Nut

Specifications:
1/4, 5/16, 3/8, 1/2,
5/8, 3/4, 7/8 SAE



Standard Union

Specifications:
1/4, 5/16, 3/8, 1/2,
5/8, 3/4, 7/8



Ball Valve

Specifications: 1/4,
5/16, 3/8, 1/2, 5/8,
3/4, 7/8, 1-1/8



Air Conditioning Valve

Specifications: 1/4,
5/16, 3/8, 1/2, 5/8,
3/4, 7/8, 1-1/8



Air Conditioning Valve

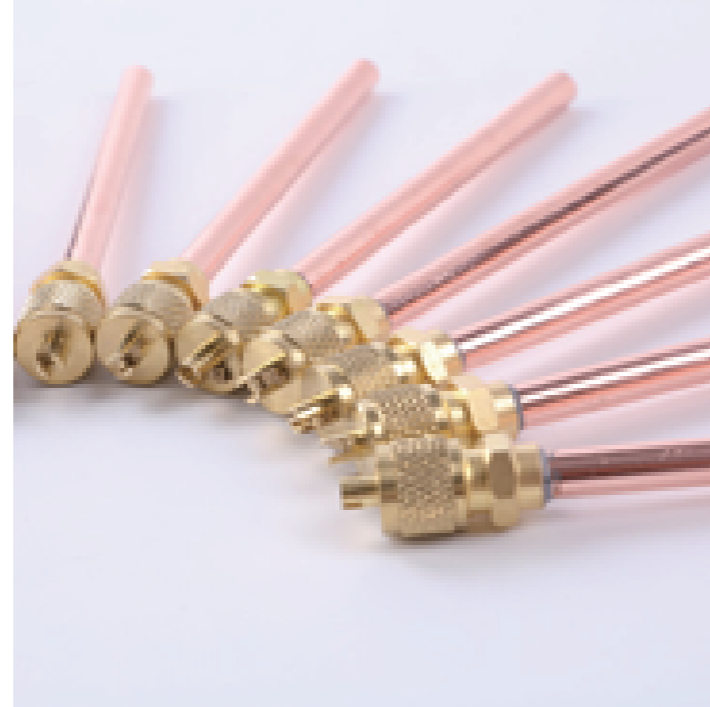
Specifications: 1/4,
5/16, 3/8, 1/2, 5/8,
3/4, 7/8, 1-1/8



ACCESS VALVE

Access Valves are generally used to have easy access to many refrigeration and air conditioning systems for vacuum, charging, pressure checkup, and other applications. The bullet piercing valve(not included) and access service valve can be used together for the air conditioner refrigerant system.

The Air Conditioners Access Valves, meet SAE, EPA, and UL requirements for Containment of Refrigerant. The thickness of the refrigeration service access valves is twice that of other schrader system valves.



Part No	Tube Size
ENC-01	1/8"
ENC-02	3/16"
ENC-03	1/4"
ENC-04	5/16"
ENC-05	3/8"
ENC-06	1/2"

Dimensions:

Size: 1/4" SAE x 1/4" O.D,
Length: 11.9cm (4.7inch),
Pipe thickness: 0.7mm (0.027inch)

These filling access valves are made of thickened premium copper material, with high quality for long-time use



DRIER FILTERS



Drier Filter



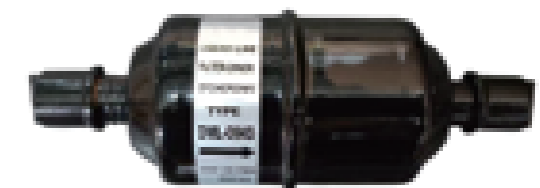
Simple drop-in replacements for most driers installed in refrigeration, air conditioning, and heat pump units refrigerant line

Details: Designed to protect HVAC/R systems from acid and humidity. Max temperature 160F (70C) min temperature -40F (-40C)

Core: 100% Solid molecular sieve core to ensure complete humidity removal.

High filtration capacity

- Corrosion-resistant finish
- 500 Psig safe working pressure
- Hard copper on sweat connector types
- High capacity for organic acids, inorganic acids, and oil breakdown products.
- ODF or SAE type adaptors available
- Suitable for R12, R22, R410A, R134A and R502 refrigerant
- Models range from 1/4 to 1-1/8 Connections.



DCL-163S

CAN TAP VALVE



CT-338

CT-339

CT-340

CT-341

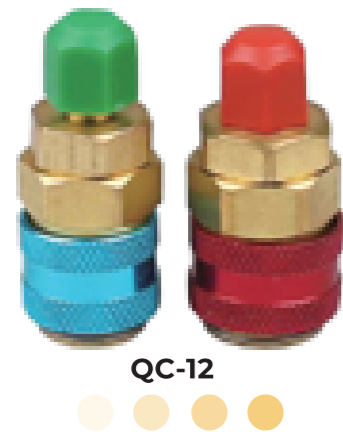
QUICK COUPLER



QC-L&QC-H



QC-L&QC-HA



QC-12



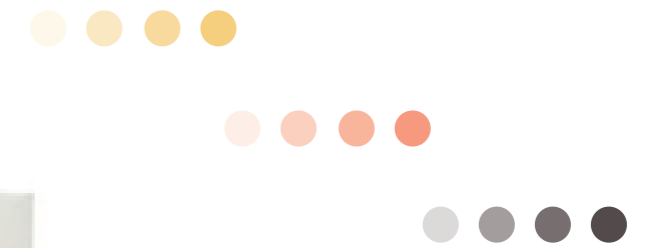
QC-12A



REFRIGERANT



REFRIGERANT R134a
11.3 KG



REFRIGERANT R134a
1KG



REFRIGERANT GAS

Refrigerants are a crucial component in air conditioning systems, existing in either liquid or gas forms. Their primary function is to cool a designated space by absorbing heat and transferring it elsewhere. Various types of refrigerants are available, each designed to effectively capture and release heat energy to meet specific cooling demands.

Best-seller
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Refrigerant Gas R410a

R410A is an HFC blend designed for new R22 applications. It operates at higher pressures than many other refrigerants, and so cannot be used to retrofit R22 systems. Systems designed for R410A can take advantage of its ability to use smaller components, making it a key refrigerant for domestic and light air conditioning equipment.



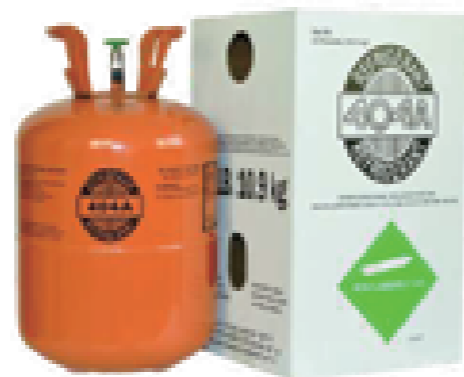
R407a

R134a

R404a



R407A
11.3KG



R404A
11.3KG

HAND TORCH

The ultimate Hand Torch for soldering and brazing in refrigeration and HVAC applications. This versatile tool provides a reliable, portable heat source that's perfect for working with copper, aluminum, and other metals.

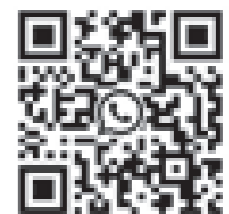


Best-seller
a
Best-seller

Hand Torch With Self Ignitor



Reliable Ignition System Ensures **Quick** And **Easy Start-Ups** Every Time.



Hand Torch

The ultimate Hand Torch for soldering and brazing in refrigeration and HVAC applications. This versatile tool provides a reliable, portable heat source that's perfect for working with copper, aluminum, and other metals.

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



MAP-Pro 14.1 Oz Cylinder

Higher burn temperature than standard propane, allowing for faster and more efficient completion of tasks

Versatility in applications, such as soldering large copper pipes, brazing, and heat treating

Durable and lightweight design, making it easy to handle and maneuver

Compatibility with Digital Fuel Gauge for accurate measurement of remaining fuel

High flame temperature of 3,730 degrees Fahrenheit for powerful and precise heat applications.



AC ROTARY COMPRESSOR



Compressor Rotary A/C

The rotary compressor used in HVAC applications for air conditioning and heating systems offers some of the most efficient air conditioner and heat pump systems one can find on the market.

Specifications:

VOLTS: 220-240 / BTU: 12.000 - 18:000 - 24.000 / REFRIGERANT: R-410A



Displ. cchrev.	Cooling Capacity		Power W	COP WW	Capacitor uF / V
	W	Btu/hr			
13.2	2220	7575	705	3.15	30 / 370
14.7	2430	8201	770	3.16	30 / 370
15.8	2610	8905	825	3.16	30 / 370
16.4	2780	9485	880	3.16	30 / 370
17.4	2940	10031	935	3.08	30 / 370
19.9	3370	11498	1065	3.16	30 / 370
21.1	3520	12010	1115	3.16	30 / 370
25.2	4245	14484	1380	3.08	40 / 370
28.2	4680	15900	1550	3.01	45 / 370
30.7	5180	17674	1680	3.08	50 / 400
31.4	5310	18118	1725	3.08	50 / 400
33.8	5810	19824	1815	3.2	60 / 400
35.8	6140	20950	1980	3.1	50 / 400
37.7	6615	22570	2070	3.2	60 / 370
39.3	6895	23528	2150	3.21	60 / 400
41.8	7200	24566	2340	3.08	50 / 370
42.1	7355	25095	2260	3.25	55 / 400
43.8	7610	25865	2415	3.15	60 / 370
47.2	8355	28507	2680	3.12	60 / 400
48.8	8675	29599	2795	3.1	60 / 400

VACUUM PUMP



Vacuum Pump

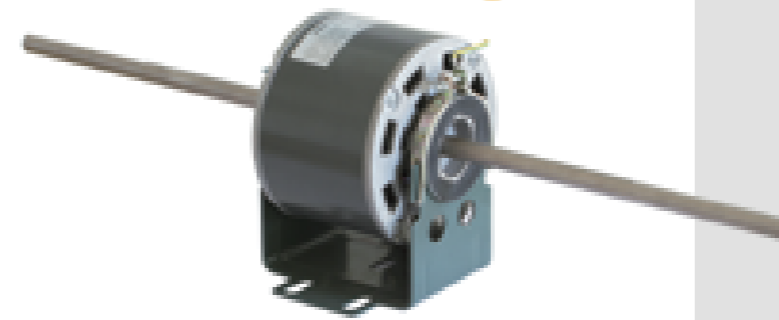


Suitable for various systems. The Vacuum Pump 4.5 CFM single-stage air vacuum pump is perfect for maintaining R134a, R12, R22, and R502 air conditioning systems; The machine is also suitable for R410a when equipped with a 5/16-inch adapter

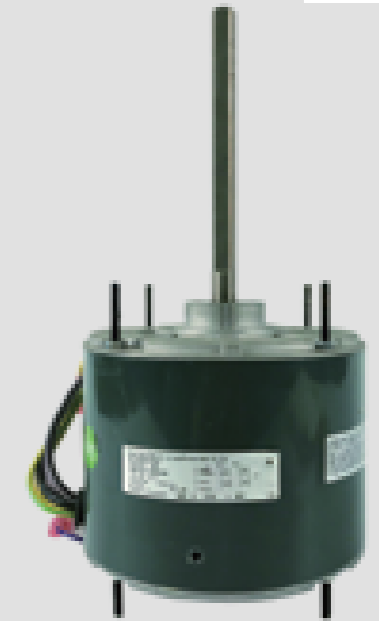


型号 Model No	ENC-SVB-1	ENC-VB-1	ENC-VB-1.5	ENC-VB-2	ENC-VB-2	
编号 Numbering	11094	11095	11096	11097	11098	
抽气速率 Flow Rate	50Hz	1.5CFM 42L/min	2CFM 56L/min	3CFM 85L/min	4CFM 113L/min	6CFM 170L/min
	60Hz	1.8CFM 50L/min	2.4CFM 68L/min	3.6CFM 100L/min	4.8CFM 135L/min	7.2CFM 203L/min
极限真空 Ultimate Vacuum	5Pa 150micron	5Pa 150micron	5Pa 150micron	5Pa 150micron	5Pa 150micron	
电机功率 Power	1/5HP	1/4HP	1/4HP	1/3HP	1/2HP	
进气接头 Inlet Port	1/4"Flare	1/4"Flare	1/4"Flare	1/4"Flare	1/4" & 3/8"Flare	
油量 Oil Capacity	210ml	330ml	330ml	330ml	500ml	
外形尺寸 Dimensions(mm)	252x104x297	281x123x230	281x123x230	305x123x230	332x129x242	
重量 Weight	4.5KG	5.3KG	5.8KG	7.5KG	9.3KG	

A/C MOTOR



Fan Coil Unit Motor



Condenser Motor



Part Number	Specification
YY139/25-6	1/6hp, 208-230v/60Hz, 1075rpm, Ball bearing
YY139/30-6	1/4hp, 208-230v/60Hz, 1075rpm, Ball bearing
YY139/35-6	1/3hp, 208-230v/60Hz, 1075rpm, Ball bearing
YY139/50-6	1/2hp, 208-230v/60Hz, 1075rpm, Ball bearing
YY139/65-6	3/4hp, 208-230v/60Hz, 1075rpm, Ball bearing
YY139/68-6AD3H	3/4hp, 460V/1.60Hz, 1075rpm, Ball bearing
YY139/30-8AD	1/8hp 208-230v/60Hz, 825rpm, Ball bearing
YY139/30-8AD2	1/8hp 208-230v/60Hz, 825rpm, Ball bearing
YY139/40-SAD	1/4hp 208-230v/60Hz, 825rpm, Ball bearing
YY139/50-8AD	1/3hp 208-230v/60Hz, 825r, Ball bearing

48 Frame Direct Drive Blower Motors		
YY139/30-6AD3	1971	1/4hp, 208-230v/60Hz, 1075rpm/3spd, Ball bearing
YY139/30-6AD4	1863	1/4hp, 115v/60Hz, 1075rpm/3spd, Ball bearing
YY139/35-6AD3	1972	1/3hp, 208-230v/60Hz, 1075rpm/3spd, Ball bearing
YY139/35-6AD4	1864	1/3hp, 115v/60Hz, 1075rpm/3spd, Ball bearing
YY139/50-6AD3	1973	1/2hp, 208-230v/60Hz, 1075rpm/3spd, Ball bearing
YY139/50-6AD4	1865	1/2hp, 115v/60Hz, 1075rpm/3spd, Ball bearing
YY139/68-6AD2	8905	3/4hp, 208-230v/60Hz, 1075rpm/3spd, Ball bearing
YY139/68-6AD4	8904	3/4hp, 115v/60Hz, 1075rpm/3spd, Ball bearing

48 Frame Multi-Horsepower Condenser Fan Motors		
YY139/30-6AD62	5462	1.5-1/3HP, 208-230v/60Hz 1075RPM/2SPD, Ball Bearing
YY139/50-6AD65	5465	1.5-1/2HP, 208-230v/60Hz 1075RPM/2SPD, Ball Bearing

48 Frame Multi-Horsepower Direct Drive Blower Motors		
YY139/50-6AD61	5461	1.5-1/2HP, 208-230v/60Hz 1075RPM/4SPD, Ball Bearing
YY139/50-6AD60	5460	1.5-1/2HP, 115v/60Hz 1075RPM/4SPD, Ball Bearing



Compressor Thermal Overload Protector



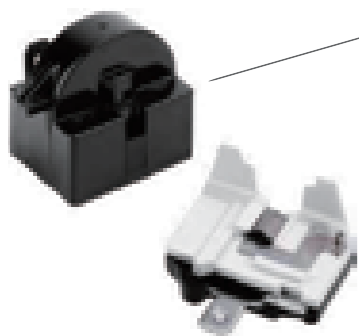
Used in refrigeration, A/C, heating and electric motors, leads, and wire nuts for simple installation
Compatible power: 250W.
Overall dimensions: 2.6 x 2.8 cm / 1 inch x 1.1 inches.

Compressor Relay starter 1/3HP



Material: Plastic, Metal, Copper
Color: Black, Copper Tone
Size: 35x35x35mm/1.4 x 1.4 x 1.4inch(L*W*H)
Type: 1/6, 1/4 and 1/3HP
Weight: 78g

Compressor Relay starter



Model: QP-02-4.7
Resistance: 3-4.7 ohm
Material: Metal, Plastic

Overload Protector

Item Weight: 16.95 grams / 0.598 ounces
Product Dimensions: 8 x 7 x 1 centimeter / 3.15 x 2.76 x 0.39 inches

INSULATION PIPE

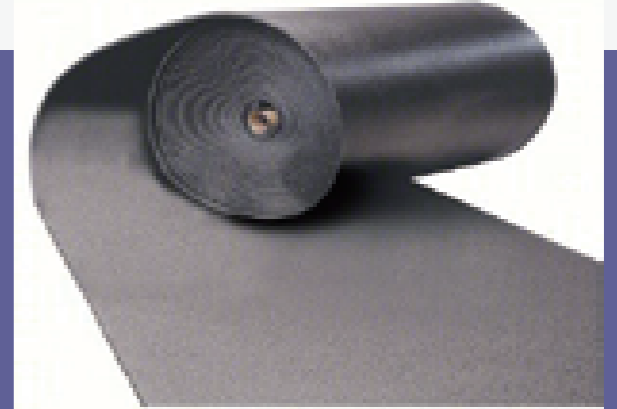


Each insulation foam measures about 1 m/ 3.28 ft in length, about 42 mm/1.65 inches in outer diameter, about 27 mm/1 inches in inner diameter, about 7.5 mm/ 0.3 inches in thickness



Insulation Tape

Insulation Tape, offers excellent resistance, weather resistance, temperature resistance, thermal insulation, and chemical resistance.



Insulation Sheet



ADHESIVE TAPES

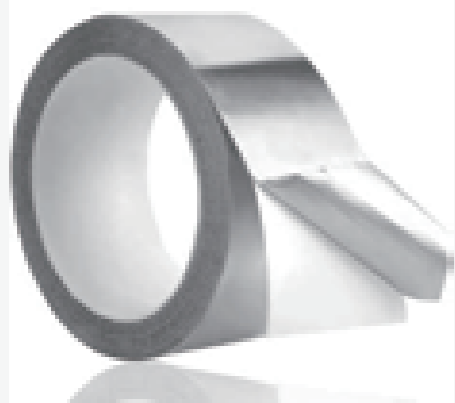
In HVAC work, tape has many uses:
 For seaming and sealing joints and connections on ductwork
 For additional sealing to mechanical connections where a tape may not be approved as a mechanical connector,
 For sealing and seaming insulation wrap on ductwork



Insulation Rubber Tape



Sealing Kraft Tape



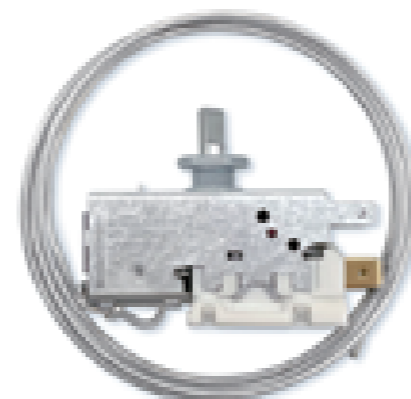
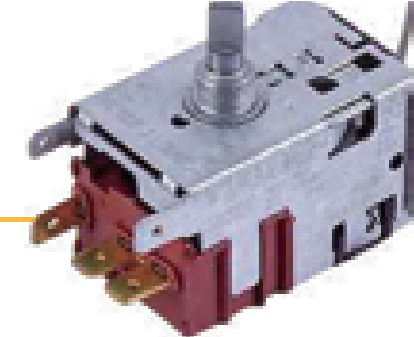
Aluminum Foil Tape



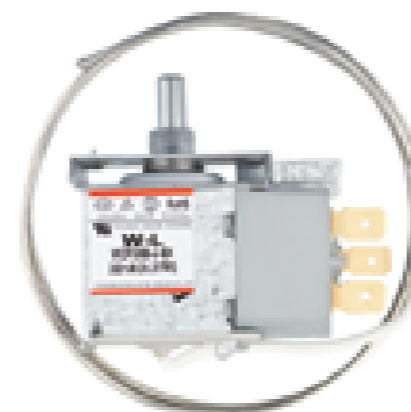
Insulation Sheet

KING COOL®

THERMOSTAT



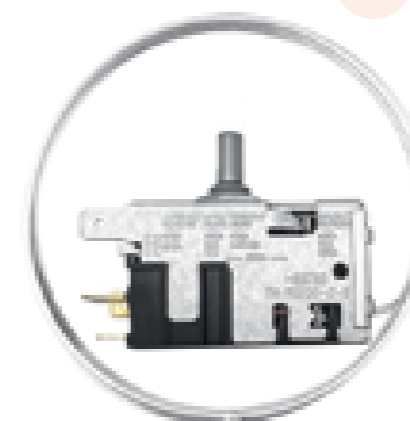
Thermostat



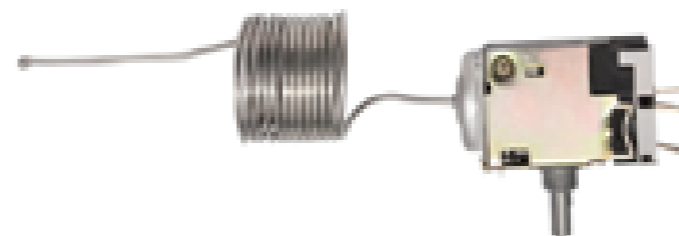
Thermostat



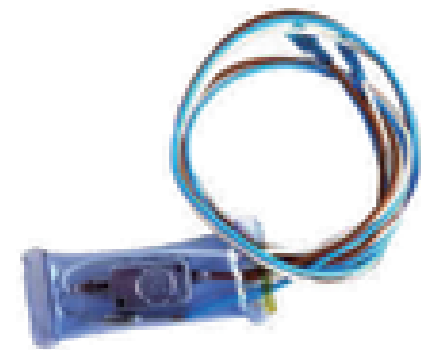
Thermostat 3ART5C184



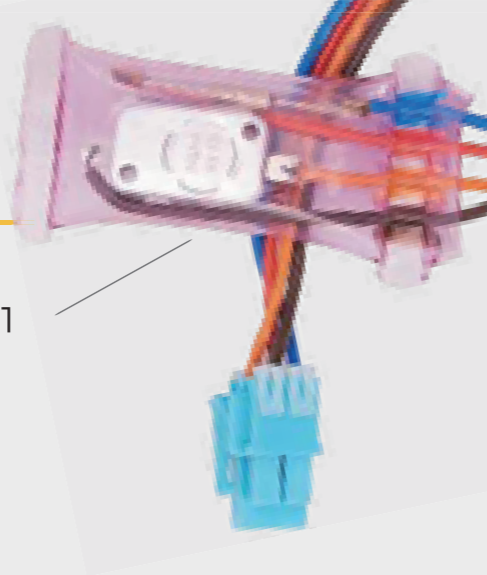
Thermostat



DEFROST THERMOSTAT



KSD-2011



KSD 10 Series

KSD 10 SERIES	L37	L45	L50	L55	L60	L70	L80	L90
OFF (°F)	10	20	28	30	30	33	50	55
OPEN (°F)	37	45	58	55	60	70	80	90
CLOSE (°F)	47	55	58	55	40	50	30	35

KSD - 2003

Action Temperature: -OFF/Open: 11+ -3 degree C. ON/Close: 2+ - 4 degree C; Electrical Ratings: 250V; Tube Size : 7.5 x 3.5cm/3" x 1.4"(L*W)

Each Wire Dia: 2.5mm / 0.098"; Total Length: 37cm / 14.6"

Net Weight: 21g; Package: 1 x Refrigerator Defrost Thermostat.

KSD - 2001

Action Temperature: -7 Celsius degree; Electrical Ratings : 250V; Tube Size : 7.5 x 3.5cm/3" x 1.4"(L*W)

Each Wire Dia: 2.5mm / 0.098"; Total Length: 37cm / 14.6"

Net Weight: 21g; Package: 1 x Refrigerator Defrost Thermostat.



DEFROST TIMER



Defrost Timer TMD-C

Product features: Single layer, double layer, multi-layer, easy to Installation.

Application notes: Mainly used for insulated tubes, ACR spare parts, etc



Defrost Timer TMD-B

Product features: Single layer, double layer, multi-layer, easy to Installation.

Application notes: Mainly used for insulated tubes, ACR spare parts, etc

Defrost Timer TMD-D

Product features: Single layer, double layer, multi-layer, easy to Installation.

Application notes: Mainly used for insulated tubes, ACR spare parts, etc

DEFROST TIMER

A defrost timer is a device that controls the defrost cycle of a refrigerator or freezer. It is used to regulate the timing of the defrost cycle, which helps to prevent frost buildup and maintain proper temperature levels inside the appliance. The defrost timer is typically installed in the control panel of the refrigerator or freezer and can be set to activate the defrost cycle at specific intervals.

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Defrost Timer TMD-E



Defrost Timer TMD-F



Defrost Timer TMD-J

SHADED POLE MOTOR



Type	Y22-12-50		Y22-20-50		Y22-30-50		Y22-40-50		Y22-50-50		Y22-60-50		Y22-80-50	
Voltage V	200-240	110-120	200-240	110-120	200-240	110-120	200-240	110-120	200-240	110-120	200-240	110-120	200-240	110-120
Frequency Hz	50/60	50	50/60	50	50/60	50	50/60	50	50/60	50	50/60	50	50/60	50
Rated input W	30	30	30	40	55	70	70	70	70	70	70	70	70	70
Output W	5	5	7	10	15	18	18	18	18	18	18	18	18	18
Rated current A	0.21	0.26	0.29	0.25	0.34	0.44	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
Rated speed r/min	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Full load cosφ	0.80		0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80



Shaded Pole Motor

Single-phase and four-pole, and running at the rated voltage/frequency of 220-240V,50/60Hz or 110-120.60Hz. They are widely applied to radiators, evaporation, and other refrigeration equipment.

- The output power is from 5W to 34W, which can be adjusted according to the stack length.
- The insulation class of the motors is B, and the protection class of that is IP42. We can supply motors with IP44 protection class as per the client's requirement.
- Motors of output power below 10W have impedance protection, and motors of output power above 10W have thermal protectors whose cutoff temperature is 135°C±5°C.
- The applicable environment temperature of the motors is from 40°C to +60°C.
- The average working life of the motors is over 20000 hours.



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EVAPORATOR MOTORS



2J01289B
220V 50/60Hz

220V -50/60 Hz
Rated Power: 6.5W
Rated Current: 0.06 A



15ES
110/220V

110/220V - 50/60 Hz
Rated Power: 7W
Rated Current: 0.065 / 0.14 A



SM670
110V 60Hz

110V -50/60 Hz
Rated Power: 20W
Rated Current: 0.45 A



DREP5020LB
115V 60Hz

115V - 60 Hz
Rated Power: 9W
Rated Current: 0.09 A



SM999
110V - 60 Hz

110V - 60 Hz
Rated Power: 8.5W
Rated Current: 0.085 A



WR60*10074
220V

220V - 60 Hz
Rated Power: 4/27W
Rated Current: 0.2A



CAPACITORS



CBB65 AC MOTOR CAPACITOR

Cap. µF	240V - 300V		350V - 400V		440V - 480V	
	Diam. mm	Height mm	Diam. mm	Height mm	Diam. mm	Height mm
2	40	55	40	55	40	55
3	40	55	40	55	40	55
4	40	55	40	55	40	55
5	40	55	40	55	40	55
7.5	40	55	40	55	40	55
10	40	55	40	55	40	55
12.5	40	55	40	55	40	75
15	40	55	40	55	40	75
17.5	40	55	40	75	40	75
20	40	75	40	75	50	85
25	40	75	45	85	50	75
30	40	75	50	75	50	85
35	40	75	50	75	50	85
40	45	85	50	85	50	100
45	45	100	50	100	50	110
50	45	100	50	100	50	110
55	50	90	50	110	50	125
60	50	100	50	125	50	125
65	50	110	50	125	55	110
70	50	125	50	125	55	125
80	50	125	55	125	60	125
100	55	125	60	125	60	140

CBB65B-DUAL AC MOTOR

Cap. µF	370V		440V	
	Diam. mm	Height mm	Diam. mm	Height mm
15+1.5	50	65	50	75
20+1.5	50	75	50	85
25+3	50	75	50	85
30+5	50	85	50	95
35+5	50	95	50	105
40+5	50	105	50	120
45+5	50	105	50	120
45+7.5	50	120	50	125
50+5	50	120	50	125
50+6	50	120	50	125
50+7.5	50	120	50	125
55+7.5	50	125	55	125
60+7.5	50	125	55	125
65+7.5	55	125	60	120
70+7.5	55	125	60	125
80+10	60	125	60	135

CAPACITORS



HARD START KIT CAPACITOR

Model	Capacitance (μF)	D ± 1 (mm)	D ± 1 (mm)	D ± 1 (mm)	H ± 2 (mm)
SPP5	36-43		45	45	130
SPP5	43-52	37	45	45	130
SPP5	53-64	37	45	45	130
SPP5	64-77	37	45	45	130
SPP6	73-88	48	45	45	155
SPP6	108-130	48	45	45	155
SPP7	130-155	48	45	45	155
SPP7	161-193	48	45	45	155
SPP7	189-227	48	45	45	155



CD 60 STARTING CAPACITOR

The rated voltage range: 110~330 VAC

Nominal capacity range: 20~1500uF

Dissipation factor value · t08<0.15 0° 100H7)

Durability: +55°C constant temperature < 160V.29 S power after 1 each time 1 second accumulative total 75000 times 160V quartile.59 S power after teaching time 1 second accumulative total 30000 times



CBB 60 CAPACITOR

Ambient Temp.	Rated Voltage	Range of Capacitance	Testing Voltage	Dissipation Factor	Operating Frequency
-40~85°C	250-500	1-100	T-T:250V/5S T-D: > 2500VAC10S	tanδ<0.002(100HZ)	50-60HZ

CLAMP METER



Clamp Meter DT-66



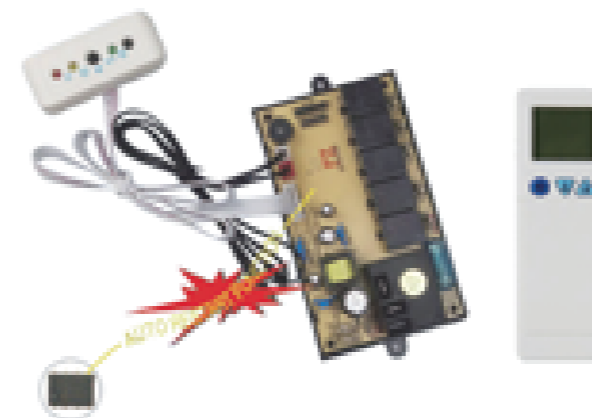
Clamp Meter DT-66FT



Clamp Meter MT-87



UNIVERSAL SYSTEM A/C



Universal System A/C

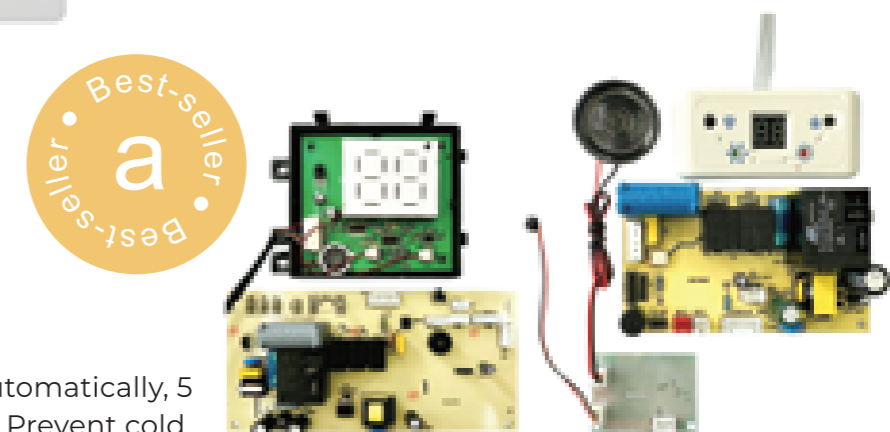
Product features:

3 Fan speed, Sleep function, Defrost automatically, 5 working modes, Auto-restart function, Prevent cold air in heating mode

Universal System A/C

Product features:

3 Fan speed, Sleep function Defrost automatically, 5 working modes, Auto-restart function, Prevent cold air in heating mode.



UNIVERSAL REMOTE

Universal Remote Control KT-9018E

NEW 5000 in 1 Universal Air Conditioner Remote Control KT-9018E LCD Infrared remote controller.



Universal Remote Control KT-109 II

Large capacity and various functions. Long range LCD display mode indicator, different range of temperature to which operate the air conditioner.

Universal Remote K-2012E

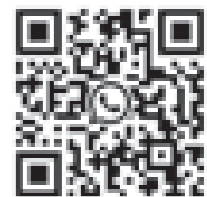
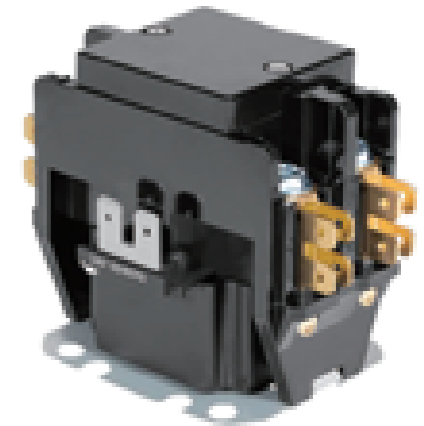
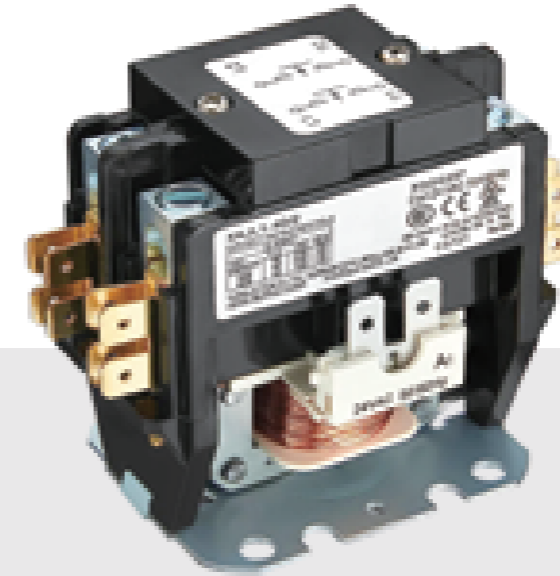
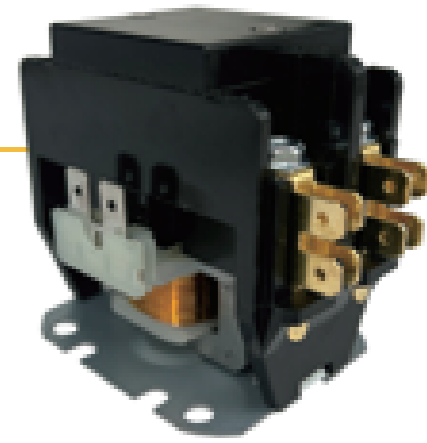
Universal remote control for air conditioners. LCD display, 4000 air conditioner codes, automatic code search function.



Universal Remote Control KT-08

The remote control for the QUNDA KT-E08 (6000 in 1) split system is suitable for domestic and foreign brands, old and new versions. Can be used for 98% of air conditioners in the world

AC CONTACTOR



Simple drop-in replacements for most driers installed in refrigeration, air conditioning, and heat pump unit refrigerant lines.

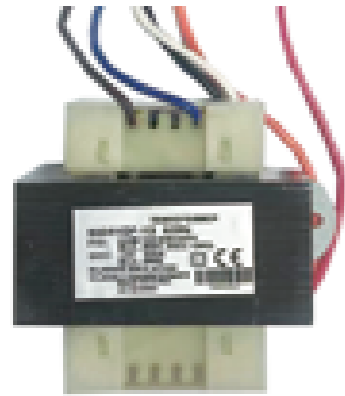
Details: Designed to protect HVAC/R systems from acid and humidity. Max temperature 160F (70C) min temperature -40F (-40C)

Core: 100% Solid molecular sieve core to ensure complete humidity removal.

High filtration capacity

- Corrosion-resistant finish
- 500 Psig safe working pressure
- Hard copper on sweat connector types
- High capacity for organic acids, inorganic acids, and oil breakdown products.
- ODF or SAE type adaptors available
- Suitable for R12, R22, R410A, R134A and R502 refrigerant
- Models range from 1/4 to 1-1/8 Connections.





TRANSFORMER

Part No.	Va	Voltage Primary	Voltage Secondary
2011-OF	20	120	24
4021-OF	40	208/240	24
4031-OF	40	120/208/240	24
5031-OF	50	120/208/240	24
6021-OF	60	208/240	24
6031-OF	60	120/208/240	24
7511-OF	75	480	24
7541-OF	75	120/208/240/480	24
10041-OF	100	120/208/240/480	24



POTENTIAL RELAY

Part No.	Continuous Coil Voltage	PICK-UP		DROP-OUT
		MIN.	MAX.	MAX.
90-63	170	139	153	55
90-64	395	280	275	120
90-65	332	188	182	90
90-66	395	215	225	120
90-67	420	295	315	125
90-68	502	325	345	135
90-69	336	180	195	105

FAN RELAY

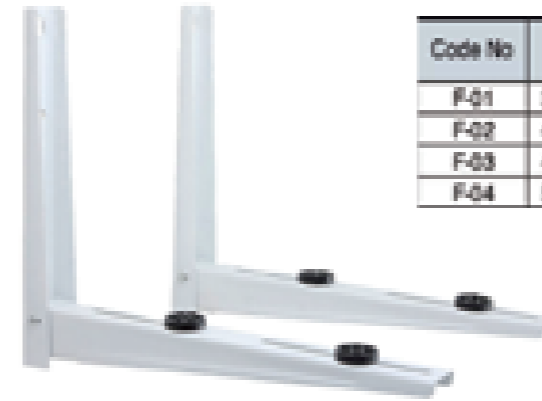
Part No.	Coil Voltage	Type	Part No.	Continuous	Type
90-360	24	SPST	90-390	24	SPST
90-362	110/120	SPST	90-391	110/120	SPST
90-364	208/240	SPST	90-392	208/240	SPST
90-370	24	SPST	90-393	24	SPDT
90-372	110/120	SPST	90-394	110/120	SPDT
90-374	208/240	SPST	90-395	208/240	SPDT
90-380	24	SPNO-NC			
90-382	110/120	SPNO-NC			
90-384	208/240	SPNO-NC			



AC BRACKET



AC Bracket



Code No	Size mm	Th mm	Material	Surface	N.G kg	G.W kg	Load kg
F-01	365x450	1.7	cold steel	powder coating	1.8	2.4	100-150
F-02	400x500	2	cold steel	powder coating	2.5	3	100-150
F-03	450x550	2	cold steel	powder coating	2.8	3.3	150-200
F-04	500x550	2	cold steel	powder coating	3	3.5	150-200



AC Bracket With Support Bar

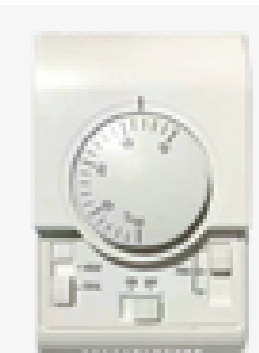
Code No	Size mm	Th mm	Material	Surface	N.G kg	G.W kg	Load kg
GM-01	780x380x450	1.7	cold steel	powder coating	3	4.1	100-150
GM-02	780x400x550	1.8	cold steel	powder coating	3.6	4.7	150-200



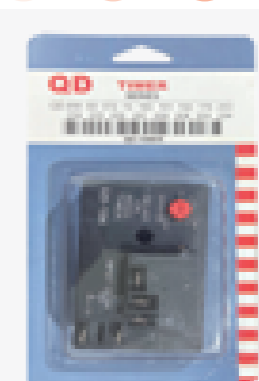
Electronic Thermostat



Voltage Protector



Fan Coil Thermostat



Delay Timer

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SERVICES

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