



LONG TERM

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PRODUCT
CATALOGUE

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Refrigerant



R-507 R-134a R-22 R-32 R-134a (12 oz) R-410A R407C

MAPP Pro / MAPP Gas



Product Description:

- Flame temperature in air: up to 3600°F
- Full burning time for one bottle: Nearly 2 hours and 40 mins
- Pressure: 110 psi at 20°C
- CGA600 connector, suitable for most torches on the market
- CE tested gas cylinder for increased safety

Refrigerant Recovery Cylinders



CLD-30Y 30LBS CLD-30Y 50LBS

Cleaner



CP-RED CP-BLUE

Application



Refrigerant Compressor Oil



Series	Model
GS	3GS-1G 3GS-4L 3GS-20L 3GS-200L 4GS-1G 4GS-4L 4GS-20L 4GS-200L 5GS-1G 5GS-1L
POE	POE32-1 GPOE32-4L POE32-1L POE32-5L POE46-1L POE46-4L POE46-1G POE46-5L POE68-4L POE68-1G POE68-1L POE68-5L POE170-280L POE170-4L POE170-200L POE170-1G POE170-1L POE170-5L
PAG	PAG46-1G PAG46-4L PAG46- 500ml PAG46-200ml PAG46-1L PAG46-1L PFPAG46-250ml PFPAG46-500ml PFPAG46-5L PFPAG100-1G PAG100-4L PAG100-500ml PAG100-250ml PAG100-1L PAG100-1L-PF PAG100-5L-PF PAG100-250ml-PF PAG100-500ml-PF PAG150-4L PAG150-500ml PAG150-250ml PAG150-1L PAG150-946ml PAG150-1G

Vacuum Pump Oil



Model	Capacity
VAC235-500ml	500ml
VAC235-250ml	250ml
VAC235-1L	1L
VAC235-467ml	467ml
VAC235-1G	1G

PAG UV Series



PAG150-237UV

Model
PAG150-237UV
PAG150-250UV
PAG46-30UV
PAG46-100UV
PAG100-30UV
PAG100-100UV
PAG150-30UV
PAG150-100UV
PAG170-30UV
PAG170-100UV

UV Leak Sealer Kit



- Flashlight.
- Leak sealer with UV.
- Digital guage.

AC Leak Filler



LSH6P

Intelligent Cold Storage Control Device



Air Coolers

Model Code
D L - 2.0 / 10

- Cooling Area(m²)
- Cooling Capacity(KW)
- Temperature L: -5°C ~ 5°C, D: -15°C ~ -20°C, J: Below -25°C
- Series Code

DH Series Bilateral Wind Chiller

Model	Capacity	Area	Power	Coil
DH-L10	1530	10	1*108	2*500
DH-L20	4260	20	2*108	2*1600
DH-L 30	4610	30	2*108	2*2400
DH-L 40	6150	40	2*227	2*2400
DH-L55	8600	55	2*227	2*3000
DH-L80	12450	80	2*278	2*3400
DH-L105	16380	105	2*278	2*4000

Model	Capacity	Area	Power	Coil
DH-D7	1300	7	1*108	2*500
DH-D15	2800	15	2*108	2*1600
DH-D22	3700	22	2*108	2*2400
DH-D30	5600	30	2*227	2*2400
DH-D40	7500	40	2*227	2*3000
DH-D60	11200	60	2*278	2*3400
DH-D80	14900	80	2*278	2*4000

Box-type Condensing Units

High-end case with PLC display

Model Code
LTO - YM34E1G

- Compressor Model
- Series Name

This unit has added a control scheme for indoor units, so there is no need to install another control box. It adopts a 4.3-inch industrial touch screen, high and low pressure sensors, and pressure gauges are connected with hoses. The liquid reservoir is equipped with a ball valve or an angle valve, and electronic expansion valves are used for throttling.

Copeland Condensing Units



Model Code
LT - ZB15E - 2

- HP
- Copeland Compressor Model
- Series Name

Bitzer Semi-Closed Condensing Units



Model Code
LT Z - 2EES - 2 Y

- Y: Ester oil, the mineral oil is not indicated, others oil less
- Bitzer Compressor Model
- Application: G is for high temp, Z is for medium temp, D is for low temp
- Series Name

Bitzer Compressor original and replacement are both available, upon your request.

Maneurop Hermetic Condensing Units



Model Code
LTO M18

- Maneurop Compressor Model
- Series Name

Standard configuration: Compressor, condenser, liquid receiver, pressure controller, pressure gauge, filter, solenoid valve and wiring box, etc.

Secop Condensing Units



Model Code
LT - SC10CL

- Secop Compressor Model
- Series Name

Standard configuration: Compressor, fan motor, liquid receiver, filter drier.
Selection accessories: Oil separator, Pressure controller, H/L P oil gauge, suction accumulator, sight glass.

Compressor



Semi-Closed Compressor



Semi- Hermetic Screw Compressor



Square Shaded-Pole Motor



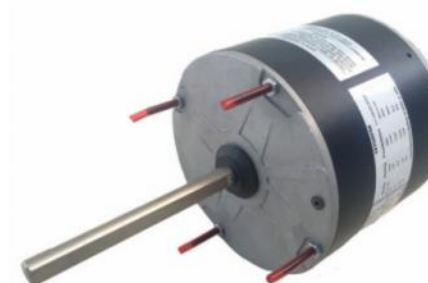
Air Conditioner Plastic Sealed Motor



Unit Bearing Motor



PSC Condenser Fan Motor



48 Frame 1075RPM

Features:

- Class B Insulation
- UL Recognized
- Automatic Reset Thermal Overload Protector
- Continuous Air Over
- High Efficiency
- Quiet Operation
- Reversible Rotation
- Continuous Duty



MM-554



MM-131



MM-135



MM-137

High Efficiency Motor



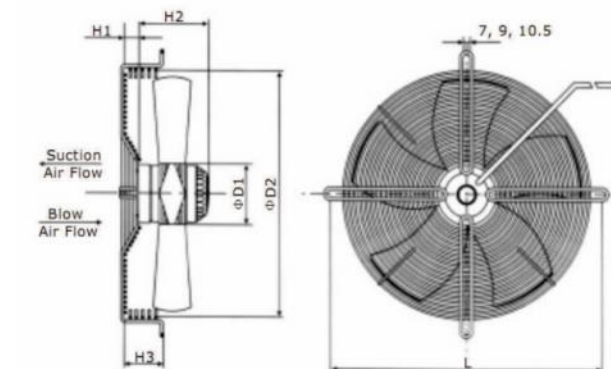
Freezing Fan



AC Fan

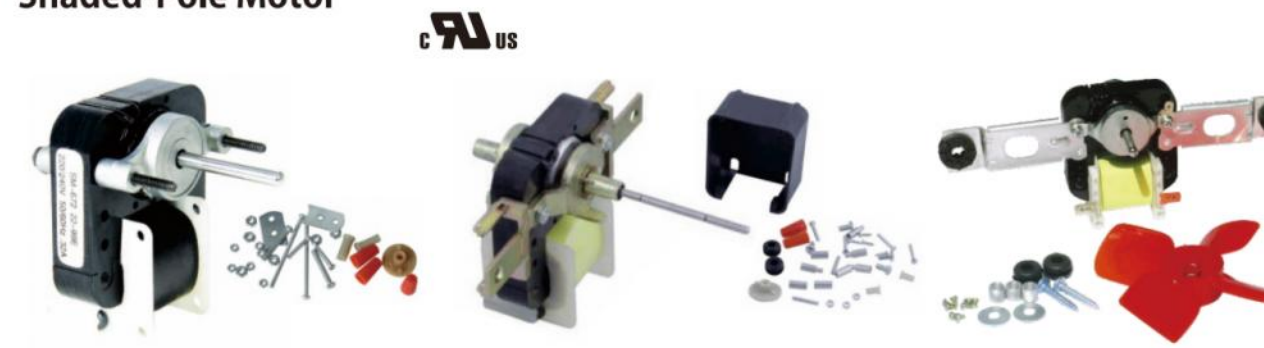


Axial Fans



* The Axial Fans series includes models LTF2D, LTF2E, LTF4D, LTF4E, LTF6D, LTF6E, and LTF8D, offering a variety of options to suit different airflow and performance needs. For more detailed information, please contact us directly.

Shaded-Pole Motor



EM670

EM999

EM998

EM343

SEK Series Drying Filters



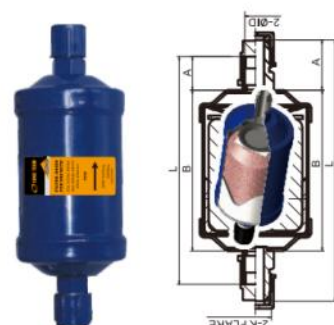
Model	SEK-032	SEK-032S	SEK-033	SEK-033S	SEK-052	SEK-052S
Connection	1/4"	1/4"	3/8"	3/8"	1/4"	1/4"

Model	SEK-082	SEK-082S	SEK-083	SEK-083S	SEK-084	SEK-084S
Connection	1/4"	1/4"	3/8"	3/8"	1/2"	1/2"

Model	SEK-162	SEK-162S	SEK-163	SEK-163S	SEK-164	SEK-164S
Connection	1/4"	1/4"	3/8"	3/8"	1/2"	1/2"

Model	SEK-165	SEK-165S	SEK-166	SEK-166S	SEK-167S	SEK-303
Connection	5/8"	5/8"	3/4"	3/4"	7/8"	3/8"

SADK Series Drying Filters



Model	SADK-032	SADK-032S	SADK-033	SADK-033S	SADK-052	SADK-052S
Connection	1/4"	1/4"	3/8"	3/8"	1/4"	1/4"

Model	SADK-053	SADK-053S	SADK-082	SADK-082S	SADK-083	SADK-083S
Connection	3/8"	3/8"	1/4"	1/4"	1/4"	1/4"

Model	SADK-084	SADK-084S	SADK-085	SADK-085S	SADK-162	SADK-162S
Connection	1/2"	1/2"	5/8"	5/8"	1/4"	1/4"

Model	SADK-163	SADK-163S	SADK-164	SADK-164S	SADK-165	SADK-165S
Connection	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"

SDML/SDCL Series Drying Filters



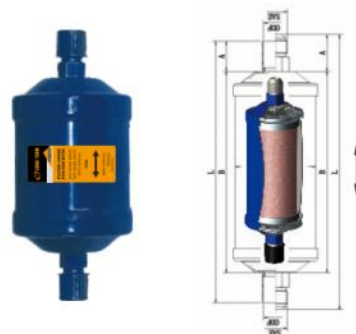
Model	SDML/SDCL-032	SDML/SDCL-032S	SDML/SDCL-033	SDML/SDCL-033S	SDML/SDCL-052
Connection	1/4"	1/4"	3/8"	3/8"	1/4"

Model	SDML/SDCL-052S	SDML/SDCL-053	SDML/SDCL-053S	SDML/SDCL-054	SDML/SDCL-054S
Connection	1/4"	3/8"	3/8"	1/2"	1/2"

Model	SDML/SDCL-082	SDML/SDCL-082S	SDML/SDCL-083	SDML/SDCL-083S	SDML/SDCL-084
Connection	1/4"	1/4"	3/8"	3/8"	1/2"

Model	SDML/SDCL-084S	SDML/SDCL-085	SDML/SDCL-085S	SDML/SDCL-162	SDML/SDCL-162S
Connection	1/2"	5/8"	5/8"	1/4"	1/4"

SFK Series Two-way Heat Pump Drying Filter



Model	SFK-082	SFK-082S	SFK-083	SFK-083S	SFK-084	SFK-084S
Connection	1/4"	1/4"	3/8"	3/8"	1/2"	1/2"

Model	SADK-085	SADK-085S	SADK-162	SADK-162S	SADK-163	SADK-163S
Connection	5/8"	5/8"	1/4"	1/4"	3/8"	3/8"

Model	SADK-164	SADK-164S	SADK-165	SADK-165S	SADK-166	SADK-166S
Connection	1/2"	1/2"	5/8"	5/8"	3/4"	3/4"

Model	SADK-167	SADK-303	SADK-303S	SADK-304	SADK-304S	SADK-305
Connection	7/8"	3/8"	3/8"	1/2"	1/2"	5/8"

SFL Series Burned Drying Filter



Model	SFL-052	SFL-052S	SFL-053	SFL-053S	SFL-082	SFL-082S
Connection	1/4"	1/4"	3/8"	3/8"	1/4"	1/4"

Model	SFL-083	SFL-083S	SFL-084	SFL-084S	SFL-085	SFL-085S
Connection	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"

Model	SFL-162	SFL-162S	SFL-163	SFL-163S	SFL-164	SFL-164S
Connection	1/4"	1/4"	3/8"	3/8"	1/2"	1/2"

Model	SFL-165	SFL-165S	SFL-166	SFL-166S	SFL-167S	SFL-303
Connection	5/8"	5/8"	3/4"	3/4"	7/8"	3/8"

SFX Series Suction Filter LTC Series Liquid Receivers



Model	ODF (in)
SFX-283T	3/8"
SFX-284T	1/2"
SFX-285T	5/8"
SFX-286T	3/4"
SFX-287T	7/8"
SFX-289T	1-1/8"
SFX-2811T	1-3/8"
SFX-2813T	1-5/8"



Model	Inlet A	Outlet B
LTC-101	3/8"	1/4"
LTC-101A	3/8"	1/4"
LTC-102	3/8"	3/8"
LTC-102A	3/8"	3/8"
LTC-103	3/8"	3/8"
LTC-103A	3/8"	3/8"
LTC-104	1/2"	1/2"
LTC-104A	1/2"	1/2"
LTC-105	5/8"	5/8"
LTC-105A	5/8"	5/8"
LTC-1.0L	3/8"	3/8"
LTC-2.1L	3/8"	3/8"

Model	Inlet A	Outlet B
LTC-3.2L	1/2"	3/8"
LTC-4.0L	1/2"	1/2"
LTC-5.5L	1/2"	1/2"
LTC-6.0L	1/2"	1/2"
LTC-7.0L	1/2"	1/2"
LTC-10.0L	5/8"	5/8"
LTC-12.0L	3/4"	5/8"
LTC-14.0L	3/4"	5/8"
LTC-133	3/8"	3/8"
LTC-233	3/8"	3/8"
LTC-333	3/8"	3/8"
LTC-433	3/8"	3/8"

Dry And Suction Filter Cartridges



Model	LT-485T	LT-487T	LT-489T	LT-4811T	LT-4813T	LT-4817T	LT-967T
ODF	5/8"	7/8"	1-1/8"	1-3/8"	1-5/8"	2-1/8"	7/8"

Model	LT-969T	LT-9611T	LT-9613T	LT-9617T	LT-1449T	LT-14411T	LT-14413T
ODF	1-1/8"	1-3/8"	1-5/8"	2-1/8"	1-1/8"	1-3/8"	1-5/8"

Model	LT-14417T	LT-19211T	LT-19213T	LT-19217T	LT-30013T	LT-30017T	LT-30021T
ODF	2-1/8"	1-3/8"	1-5/8"	2-1/8"	1-5/8"	2-1/8"	2-5/8"

Gas Liquid Separator Series



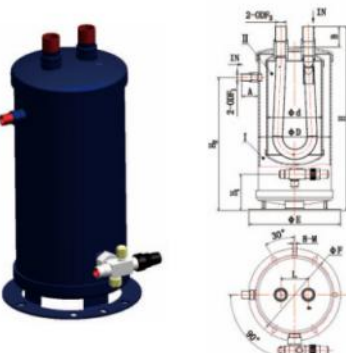
Model	LT-204GLS	LT-205GLS	LT-206GLS	LT-207GLS	LT-208GLS	LT-209GLS
ODF (in)	1/2"	5/8"	3/4"	7/8"	1-1/8"	1-3/8"
Model	LT-210GLS	LT-596GLS	LT-597GLS	LT-5126GLS	LT-5127GLS	LT-5137GLS
Connection	1-5/8"	3/4"	7/8"	3/4"	7/8"	7/8"
Model	LT-5139GLS	LT-5179GLS	LT-51711GLS	LT-61411GLS	LT-62013GLS	
Connection	1-1/8"	1-1/8"	1-3/8"	1-5/8"	1-5/8"	

Heat Exchange Gas Liquid Separator



Model	Low pressure welding ODF,(in)	High pressure welding ODF,(in)	In the refrigerating capacity of the evaporation temperature						Cubage
			R22		R134a		R404A		
			-18℃	5℃	-18℃	5℃	-18℃	5℃	
LT-2404	1/2"	3/8"	3.2	7.0	2.17	4.3	2.8	4.6	1.6L
LT-2405	5/8"	3/8"	4.9	10.5	2.8	6.0	4.2	7.0	2.0L
LT-2406	3/4"	1/2"	6.3	14.1	3.2	8.1	5.3	9.2	3.5L
LT-2407	7/8"	1/2"	11.6	25.7	6.3	14.0	9.5	16.2	4.5L
LT-2411	1-1/8"	5/8"	18.9	51.5	10.9	25.3	15.5	26.7	7.2L
LT-2413	1-3/8"	3/4"	29.9	66.1	16.2	37.6	25.3	42.9	9.5L
LT-2415	1-5/8"	7/8"	41.0	79.2	24.1	50.8	32.6	53.0	10.5L
LT-2417	2-1/8"	1-1/8"	49.6	92.4	35.4	71.7	42.8	75.3	10.5L

Gas Liquid Regenerator



Model	Low pressure welding ODF (in)	High pressure welding ODF (in)	High And Low Pressure Container Cubage		
			High Pressure Container		Low Pressure Container
			Cubage	Reservoir Cubage	Cubage
LT-341207	1/2"	3/8"	1.98L	1.20L	0.65L
LT-351708	5/8"	3/8"	2.65L	1.70L	0.80L
LT-373224	7/8"	3/8"	5.96L	3.20L	2.40L
LT-341207A	1/2"	3/8"	1.98L	1.20L	0.65L
LT-351708A	5/8"	3/8"	2.65L	1.70L	0.80L
LT-373224A	7/8"	3/8"	5.96L	3.20L	2.40L
LT-496040A	1-1/8"	1/2"	10.6L	6.0L	4.0L
LT-5117250A	1-3/8"	5/8"	12.7L	7.2L	5.0L

Oil Separator



Model	ODF	SAE	In the refrigerating capacity of the evaporation temperature						Cubage
			R404A/R507		R134a		R22/R407C		
			-40℃	5℃	-40℃	5℃	-40℃	5℃	
LT-5201	1/2"	1/4"	5.31	7.0	3.2	6.2	5.3	7.1	1.73L
LT-5202	5/8"	1/4"	14.2	19.3	11.4	15.8	15.9	19.5	2.17L
LT-5203	7/8"	1/4"	22.8	29.2	16.7	22.4	24.8	28.3	2.47L
LT-5204	1-1/8"	1/4"	30.0	37.6	22.4	29.9	31.8	37.2	2.70L
LT-5205	1-3/8"	1/4"	36.7	49.0	28.1	40.4	40.5	47.8	3.28L
LT-55824	1/2"	3/8"	5.31	7.0	3.2	6.2	5.3	7.1	1.73L
LT-55855	5/8"	3/8"	14.2	19.3	11.4	15.8	15.9	19.5	2.17L
LT-55877	7/8"	3/8"	22.8	29.2	16.7	22.4	24.8	28.3	2.47L
LT-55889	1-1/8"	3/8"	30.0	37.6	22.4	29.9	31.8	37.2	2.70L
LT-559011	1-3/8"	3/8"	36.7	49.0	28.1	40.4	40.5	47.8	3.28L
LT-569011	1-3/8"	3/8"	41.0	50.8	33.4	48.4	45.2	49.8	6.20L
LT-569211	1-3/8"	3/8"	41.0	50.8	41.3	56.3	56.5	63.4	7.50L
LT-569213	1-5/8"	3/8"	51.4	65.2	41.3	56.3	56.5	63.4	7.50L
LT-569417	2-1/8"	3/8"	88.5	108.6	63.3	89.0	91.4	105.5	7.50L

Detachable Oil Separator



Model	ODF	SAE	In the refrigerating capacity of the evaporation temperature						Cubage
			R404A/R507		R134a		R22/R407C		
			-40℃	5℃	-40℃	5℃	-40℃	5℃	
LT-5301	1/2"	3/8"	5.31	7.0	3.2	6.2	5.3	7.1	1.70
LT-5302	5/8"	3/8"	14.2	19.3	11.4	15.8	15.9	19.5	2.38
LT-5303	7/8"	3/8"	22.8	29.2	16.7	22.4	24.8	28.3	2.98
LT-5304	1-1/8"	3/8"	30.0	37.6	22.4	29.9	31.8	37.2	3.16
LT-5305	1-3/8"	3/8"	36.7	49.0	28.1	40.4	40.5	47.8	3.44
LT-6303	1-3/8"	3/8"	41.0	50.8	33.4	48.4	45.2	49.8	6.20
LT-6304	1-5/8"	3/8"	51.4	65.2	41.3	56.3	56.5	63.4	7.20
LT-6305	2-1/8"	3/8"	88.5	108.6	63.3	89.0	91.4	105.5	8.30

Helical Oil Separator



Model	ODF	Maximum Discharge Volume (m³/hr)	In the refrigerating capacity of the evaporation temperature						Cubage (m³)
			R404A/R507		R134a		R22/R407C		
			-40℃	5℃	-40℃	5℃	-40℃	5℃	
LT-04422	1/2"	2.6	5.3	7.0	3.6	5.2	5.3	7.0	2.2L
LT-05425	5/8"	6.8	14.1	19.2	9.4	13.6	15.8	19.4	2.5L
LT-07429	7/8"	10.2	22.4	39.4	16.0	19.0	24.6	28.2	2.9L
LT-09433	1-1/8"	11.9	27	35	19	23	29	33	3.3L
LT-11658	1-3/8"	26.8	58	76	42	51	65	74	5.8L
LT-13658	1-5/8"	30.6	66	87	48	58	73	84	5.8L
LT-17658	2-1/8"	32.3	82	104	50	61	82	104	5.8L
LT-17913	2-1/8"	50.6	110	145	80	97	124	140	13.2L
LT-21913	2-5/8"	87.8	154	212	112	146	174	208	13.2L
LT-211 123	2-5/8"	102	220	290	159	195	249	281	22.7L
LT-251123	3-1/8"	143	296	382	203	238	318	364	22.7L
LT-251337	3-1/8"	161	349	469	253	309	392	444	37.2L

Oil Filter



Model	ODF (in)
LT-082	1/4"
LT-082S	1/4"
LT-083	3/8"
LT-083S	3/8"
LT-084	1/2"
LT-084S	1/2"
LT-085	5/8"
LT-085S	5/8"

Drying Filter Cores



Model No.
D-48; D-100; DW-48; DW-100;
H-48; H-100; HW-48; HW-100

Suction Line Filter Cores



Model: S-48; S-100

Molecular Sieve



Model No.
XH-7; XH-9; XH-11
Package: Drum Bottle

Suction Oil Filter Cores



Model: SX-48; SX-100

Pressure Relief Ports



LT-1110R
Circular Pressure Relief Ports

LT-1110
Square Pressure Relief Ports

Strip PVC Curtain

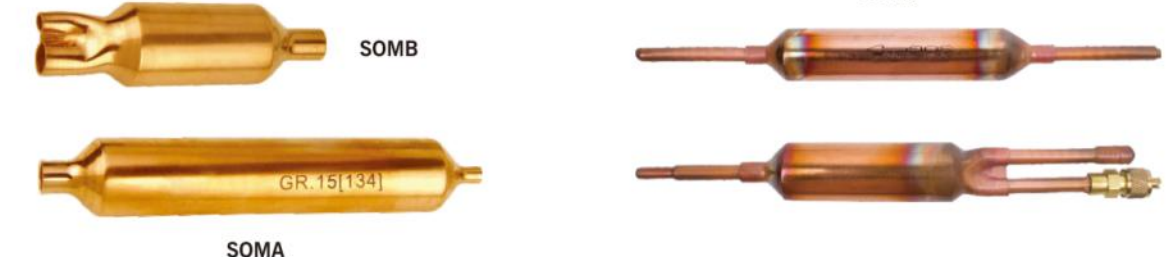


- Width: 150mm, 200mm, 300mm;
- thickness: 2mm, 2.6mm, 3mm;
- Length: 30m, 45m, 50m, 60m, 90m;
- Standard length is 50m per roll;



CURH-200

Copper Filter Drier



Fridge Light



Technical Spec	LED11.1-6-KG
Rated Current Voltage	1W 220VAC 1W 12VAC
Insulation Resistance	≥100mΩ
Dielectric Intensity	1500VAC/1min

Door Switch



Technical Spec	HC-050K
Rated Current Voltage	2.5A 250VAC 5A 125VAC
Contact Resistance	≤50mΩ
Insulation Resistance	≥100mΩ
Dielectric Intensity	1500VAC/1min
Working Life	50000cycles

Refrigerator Condenser



Cold Storage & Freezer Board



Cold Room Storage		9m ³	15m ³	22m ³	30m ³
Size	L*W*H (m)	3*1.6*2	3*2*2.5	4*2.2*2.5	5.4*2.2*2.5
Temperature Range		-18°C-22°C			
Panel	Material	Polyurethane			
	Thickness	100mm			
Power Supply		220V/380V/50HZ			
Condensing Unit	Condensing & Evaporator	2HP	2HP	3HP	3HP
Compressor		Sanyo			
Control Panel		JDC-5088F			
Defrost Method		Hot Fluoride Defrost			

Air Curtain



Simple cross flow air curtain machine (iron shell) (remote control)

Classic cross flow air curtain machine (remote control) (iron shell)

Latch & Hinge



LT-1238P LT-1238 LT-1238A LT-1238B

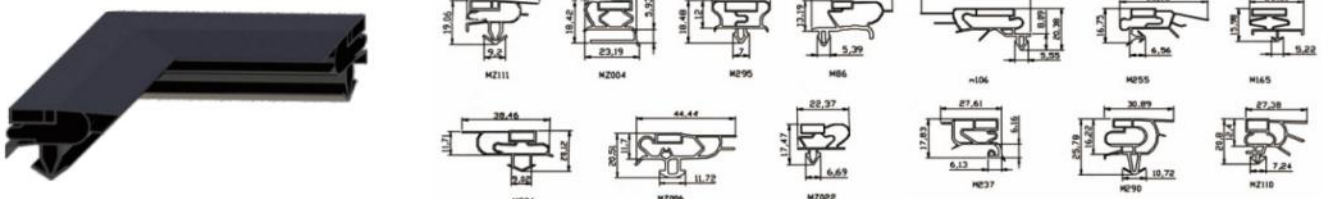
LT-1250A / LT-1250B LT-1178A / LT-1178AA LT-8065

Lamps



VPL-1 LED-1

Refrigerator Door Gaskets



Can be customized according to customer requirement

Refrigerator Evaporator



420*300 370*270 420*300

Voltage Protector

When the voltage is too high or low, our device will automatically cut off power, so as to protect the household appliances.

US Plug AVP



Model	V008
Work Voltage	110V
Frequency	50/60Hz
Current	15A
Delay Time	30seg/3M(Selectable)
Under and Over Voltage	90V~140V
Surge Protection	140J



Model	V009
Work Voltage	110V
Frequency	50/60Hz
Current	15A
Delay Time	30seg/3M(Selectable)
Under and Over Voltage	90V~140V
Surge Protection	140J/303J



Model	V010
Work Voltage	110V or 220V
Frequency	50/60Hz
Current	20A
Delay Time	3M
Under and Over Voltage	90V~105V Adju or 170V~197V Adju
Over Voltage	140V or 265V

Voltage Protector

US Plug AVP



Model	V700
Work voltage	120V
Frequency	50/60Hz
Current	15A
Delay time	3M
Under and Over Voltage	90V~140V
Surge Protect	140J



Model	V700-D
Work Voltage	120V
Frequency	50/60Hz
Current	15A
Delay Time	5S/3M
Under Voltage	90V~110V
Over Voltage	120~140V



Model	V701
Work Voltage	120V or 220V
Frequency	50/60Hz
Current	30A/40A/45A
Delay Time	180~300S
Under Voltage	90V~115V or 170~210V
Over Voltage	125~145V or 220~260V



Model	V273
Work Voltage	110V
Frequency	50/60Hz
Current	15A
Delay Time	5S
Under and Over Voltage	90V~140V
Surge Protection	90J



Model	V219
Work Voltage	220V
Frequency	50/60Hz
Current	20A
Delay Time	4M
Under and Over Voltage	165V~260V



Model	V350
Work Voltage	110V or 220V
Frequency	50/60Hz
Current	20A
Delay Time	3M
Under Voltage	90V~105V (adju) or 170V~197V (adju)
Over Voltage	140V or 264V



Model	V701-D
Work Voltage	120V or 220V
Frequency	50/60Hz
Current	30A/40A/45A
Delay Time	180~300S
Under Voltage	90V~115V or 170~210V
Over Voltage	125~145V or 220~260V



Model	V276-D
Work Voltage	120V
Frequency	50/60Hz
Current	15A
Delay Time	5S/3M
Under Voltage	90V~110V(adju)
Over Voltage	120V~140V(adju)



Model	V015
Work Voltage	110V or 220V
Frequency	50/60Hz
Current	20A
Delay Time	180-300S adju
Under Voltage	90V~115V adju or 170V~210V adju
Over Voltage	125V~145V adju or 220V~260 adju

EU Plug AVP

UK Plug AVP



Model	V312
Work Voltage	220V
Frequency	45~80Hz
Current	30A/40A
Delay Time	180~300S(adju)
Under Voltage	170V~210V
Over Voltage	220V or 260V



Model	V312
Work Voltage	220V
Frequency	45~80Hz
Current	30A/40A
Delay Time	180~300S(adju)
Under Voltage	170V~210V
Over Voltage	220V~260V



Model	V102
Work Voltage	220V
Current	12A
Delay Time	30secs
Under and Over Voltage	170V~260V
Protection	over-voltage, surges & spikes

Wiring Type



Model	V019
Work Voltage	110V or 220V
Frequency	50/60Hz
Current	20A
Delay Time	3M
Under Voltage	90V~105V adju or 170V~185V adju
Over Voltage	130V~150V adju or 225V~270 adju



Model	V236
Work voltage	120V or 220V
Frequency	45~80Hz
Current	30A/40A
Delay time	180~300S(adju)
Under voltage	90V~115V or 170V~210V
Over voltage	125V~145V or 220V~260V



Model	V236-D
Work Voltage	120V or 220V
Frequency	45~80Hz
Current	30A/40A
Delay Time	180~300S(adju)
Under voltage	90V~115V or 170V~210V
Over voltage	125V~145V or 220V~260V

Air Conditioner Condensate Pump



PU02E



MD-MPM-66 / MD-MPM-50



QD-PU01E



QD-PU02E

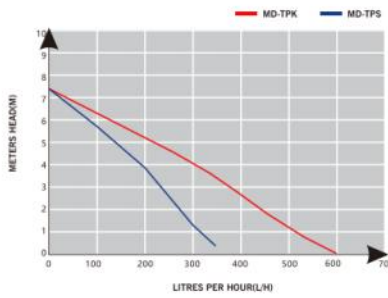
Tank Pump-Super Star



MD-TPS



MD-TPK

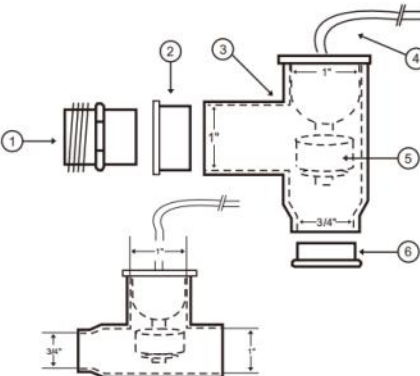


Model	Input Voltage (V)	Hz	Amps	Watts	Flow.L/H (@0.3M)	Flow.L/H (@1.5M)	Flow.L/H (@2.7M)	Max.Lift
MD-TPS-15-110/240	110-240	50/60	1.2	38	360	/	/	15"/4.6M
MD-TPS-20-110/240	110-240	50/60	1.2	38	420	/	/	20"/6.1M
MD-TPS-22-110/240	110-240	50/60	1.2	38	450	/	/	22"/6.7M
MD-TPS-24-110/240	110-240	50/60	1.2	38	520	/	/	24"/7.3M
MD-TPS-26-110/240	110-240	50/60	1.2	38	580	/	/	26"/7.9M
MD-TPK-15-115	115	60	1.0	60	250	200	150	15"/4.6M
MD-TPK-20-115	115	60	1.5	75	303	265	208	20"/6.1M
MD-TPK-22-115	115	60	1.85	85	550	500	430	22"/6.7M
MD-TPK-24-115	115	60	2.2	90	580	520	470	24"/7.3M
MD-TPK-15-230	230	50/60	0.6/0.45	65/60	260/250	230/200	170/150	15"/4.6M
MD-TPK-20-230	230	50/60	0.7/0.55	85/75	260/303	230/265	180/208	20"/6.1M
MD-TPK-22-230	230	50/60	1.2/1.0	95/85	500/550	460/500	400/430	22"/6.7M
MD-TPK-24-230	230	50/60	1.3/1.1	100/90	530/580	480/520	420/470	24"/7.3M

Liquid Level Switch



SS1



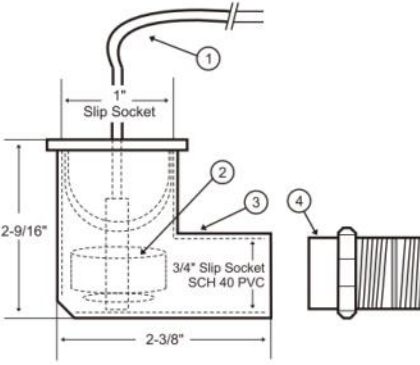
- 3/4" NPT X 3/4" SLIP PVC Adaptor
- 3/4" X 1" SLIP PVC Bushing
- 1" X 3/4" X 1" SLIP Tee (Schedule 40/PVC 1)
- 72"-Inch, 18AWG Cables (Prewired/Potted)
- Electrically Potted Switch/Cap Assembly
- 3/4" SLIP Plug for Close Coupled Applications

Requirements:

- Potted, water sealed reed/magnet switch design.
- Schedule 40 PVC plastic components.
- Carry Capacity 1.25 Amp.



SS2



- 72", 18AWG Cables (Pre-wired and Potted)
- Electrically Potted Switch/Cap Assembly
- 1" X 3/4" Slip EL
- 3/4" Slip X 3/4" NPT SCH 40PVC Adaptor Fitting

Requirements:

- Potted, electrically watersealed reed/magnet switch design.
- Schedule 40 PVC plastic components.
- 24 VAC.
- 1.25 Amp carry capacity.

Electric Duct Heater



Air Handler Electric Heat Kit with Breaker

Product Features

- * 240V | 60HZ | 5kW
- * Controlled by sequencers for better temperature control
- * Multiple branch circuit capability
- * Completely assembled and tested
- * Built-in overcurrent protection
- * Control circuit arranged to readily permit staging
- * Fuse link secondary high-temperature limit control
- * Plug-in wiring harness for easy installation into air handler
- * Rust-resistant nickel-chromium heat elements

ADJUSTABLE AIR HANDLER BASE (FOLDABLE)

Material: Hot-Dipped Galvanized Steel



Model	Length (inch)	Width (inch)	Height (inch)	Loading Capacity (lb)
LTAHS-18	16-26	22	18	500
LTAHS-24	16-26	22	24	500
LTAHS-36	16-26	22	36	500

Mini A/C Cleaning Pump



Product introduction

PCW series AC cleaning pump is designed according to the feature of domestic air conditioner and refrigerant equipment. The inner pump adopts with DC permanent magnet motor. this product has the good performance of light weight, high pressure, reliable and self-priming. The pump has automatic cut-off with the pressure control and all accessories place in one bag, easy to carry.

Product description

Model	PCW-4M2
Voltage	220V/50-60Hz or 100-120V/50-60Hz
Power	80W
Flow Rate	4L/min
Working Pressure	0.7-1.0 Mpa
Weight	4KGS

Pressure Washer



GFS-C1S

Product introduction

Portable sprayer with a 17L refillable water tank, adjustable spray, and built-in rechargeable battery. No power or water connections needed. Features a shoulder strap for easy carrying.

Specifications

Water tank: 17L	Charger: input AC100-240V,output 13.4V
Battery: 12V 2200mAh	Charging time: 3-4 hours
Power: 45W	Working time: 30-35 minutes
Pressure: 43.5-72.5PSI (3-5Bar)	

Colour: 



Ceiling A/C Cleaning Cover



PCC-1

Indoor Unit of Ceiling Air-conditioner

- Waterproof material-PU.
- Quality sewing of the material.
- Has a water external outlet to let you drain your water in a bucket.
- Also can be used as a dust cover.
- With a elastic strap, effectively protects your air conditioner.

Cordless Coil Cleaning Machine



PCW-4WLi

Li-ion Battery Power,Portable & Professional

Portable water tank with rechargeable Li-ion battery for mobile cleaning indoors or outdoors. No need for mains water or electrical supplies. Features adjustable shoulder strap for easy mobility and specialized pressure settings (5bar/10bar) safe for air conditioner coils.

Accessories



Product description

Model	PCW-4WLi
Voltage	18V(AEG/RIGRID interface)
Working Pressure	5/10Bar(Dual)
Flowrate	4L/min
Water Tank	16L

Portable Coil Cleaning Machine



PCW-4P/4Li

Dual Pressure,Compatible using

Compact and lightweight design for easy portability. Provides efficient cleaning with a 4L/min flow rate. Features specialized and balanced pressure that is safe for coils. Includes automatic on/off function controlled by built-in pressure controller.

Product description

Model	PCW-4P	PCW-4Li
Voltage	230V/50-60Hz or 100-120V/50-60Hz	18V(AEG/RIGRID interface)
Working Pressure	5/10Bar(Dual)	5/10Bar(Dual)
Flowrate	4L/min	4L/min
Power	80W	80W
Weight	4.0KG	4.5KG(Include Battery)

Accessories



Mini Split A/C Cleaning Cover



PCC-2

Cover circumference: 3.2 meters

- Waterproof material-PU.
- Quality sewing of the material.
- Has a water external outlet to let you drain your water in a bucket.
- Also can be used as a dust cover.
- With a elastic strap, effectively protects your air conditioner.

JHSD Electric Pipe Heating Cable



Specifications

Cable Construction	Twin Conductor	Twin Conductor	Twin Conductor
Rated Voltage	120/240VAC	230VAC	230VAC
Output	7W/ft	12W/m	15W/m
Heating Element Size	3-80ft	2-25m	2-25m
Bending Radius	1 inch	25mm	25mm
Conductor Insulation	XLPE	XLPE	XLPE
Outer Insulation	PVC	PVC	PVC
Min. Installation Temp.	15°F(-10°C)	-10°C	-10°C
Cold Lead	2ft length 18/3 with plug	2m length with plug	2m length with plug

Oven Accessories



318112500



WB17T10006



WB17X5051



12001676



330031 / 5303935058



WB2X8228



WB2M2261



814399



WP9758079



W10196405 8" & W10196406 6"



MP15YA 6" & MP21YA 8"



WB31M20 6" & WB31M19 8"

Igniter



316489402



WB13K21



316489400



5303935066



DG94-00520A



00492431



4391996



MEE61841401

Washing Machine Parts



W10006355



W10780045



DC97-16350C



131763202 Washer Lid Switch



W10404050 & W10240513



36863



285753A



3363394

Dishwasher Accessories



W10350376 & W10195840 & W10195839
& W10508950 & W10250160



W10195416 W10195417



154568001



8561996



165314



4581DD3002A



8268383 / W10083957V



4933DD3001B

Dryer Accessories



4392067RC



4392065 & 341241 & 349241



661570 & 279640 & W10837240



12001541 & 6-3700340 & WP33002535



4581EL2002C & 4561EL3002A
& 4400EL2001A



312959



8066184 & 341241



5303281153

Dryer Accessories



8544771



279838



3387747



DC47-00019A



5301EL1001J



4391960



297838 Kit



3387747 kit



WE11X10007



DC47-00019A Dryer element coil



WE11X203



WE11X60



303404



DC97-14486A



WE49X20697



338906 & 279834 & 3392519

Thermocouple Gasket Kit



TC-KIT

Product Packaging

- Gasket (4-1/2" x 7-1/4")
- 4 Torx screws
- 4 steel clips
- Thermocouple (24")
- Torx screwdriver

Application

- Compatible with Richmond, Rheem, Ruud, and GE FVIR water heaters.

Features

- OEM quality parts
- Easy installation with included tools
- Enhances efficiency and safety

Thermocouple



- Model: 22218, 22224, 22230, 22236, 22248
- Exceeds OEM specifications.
- Single wire, metric thread.
- For Vanguard Units.
- Fits Gas Log Fireplaces.
- Sizes available: 18-48".



Straight Liquid Tight Connectors Non-Metallic

Model	Size
LTC-38	3/8"
LTC-12	1/2"
LTC-34	3/4"
LTC-1	1"
LTC-114	1-1/4"
LTC-112	1-1/2"
LTC-2	2"



90° Liquid Tight Connectors Non-Metallic

Model	Size
LTC90-38	3/8"
LTC90-12	1/2"
LTC90-34	3/4"
LTC90-1	1"
LTC90-114	1-1/4"
LTC90-112	1-1/2"
LTC90-2	2"

Liquid Tight Flexible PVC Conduit



- Sizes: 1/2", 3/4", 1"
- Customizable length: 1-100ft
- Material: Fused PVC
- Features: Non-metal core, nonconductive, lightweight, corrosion-resistant
- Durable, flexible, easy to cut, resistant to crushing and crimping
- Suitable for standard-duty applications
- Liquid-tight for indoor or outdoor use

Surge Protection



- Model: SP50
- 120/240 Volt
- 50,000 Amp Peak Protection
- Replacement Surge Protector
- Configuration: 1-phase, 3-wire (isolated ground)
- Enclosure Rating: NEMA 4X, suitable for various environments

Whips



- Individually bagged with hanging hole.
- Each whip comes assembled.
- Three distinct wire colors for ease hook-up.
- A labor saving convenience kit for A/C unit hookup.
- Also use for heat pumps, refrigeration, hot tubes, swimming pools and outdoor lighting.
- 1 straight and 1 90° non-metallic connector.
- UL Approved. UL file #E363302.

Model	Description	Uom	Order Multipl
LT76124	1/2"*4ft #10 THHN Wire - Non-Metallic Connectors	EA	6
LT76126	1/2"*6ft #10 THHN Wire - Non-Metallic Connectors	EA	6
LT76344	3/4"*4ft #8 THHN Wire - Non-Metallic Connectors	EA	6
LT76346	3/4"*6ft #8 THHN Wire - Non-Metallic Connectors	EA	6

Pull-out Disconnect Switch



Model	Description	Amps	Voltage	Replacement
PDB-30A	Nema Type 3R Outdoor Enclosure Metal, Fused	30	240	DDS-30,83316,83330,83386
PDB-60A	Nema Type 3R Outdoor Enclosure Metal, Fused	60	240	DDS-60,80317,83317
PDB-60AN	Nema Type 3R Outdoor Enclosure Metal, Non-Fused	60	240	DDS-60U,83315,MA-NFD60A,755-60NF

Note: Switch boxes do not include fuses by default.

Model	Voltage	Amps	Body	Interrupting Capacity
ZR-30	150VAC / 250VDC	30	Fiberglass, current limiting	MAX AC 200KA / DC 50KA
ZR-60		60		

ZR Series Contactor

- Universal metal mounting plate allows for complete ease of replacement of other leading contactors
- Long electrical life: tested to 250,000 cycles
- Reliable mechanical life: tested to 1,000,000 cycles
- Superior copper coil



- Performance unaffected by mounting position
- All ratings provides with spades and lugs
- Meets the ARI 780/790 standard
- Class F Coil insulation



Auxiliary Switches



1.5P 20-30A

1.5P 40A



2P 20-30A

2P 40A



3P 40A

3P 20-30A



3P 50-60A

3P 75-90A



4P 20-30A

4P 40A

Model	Poles	F/L Inductive Amps	Locked Rotor Amps 240/280/600	Resistive Amps	Coil Voltage	Furnas Replacement
ZRC12420AA	1	20	120/100/80	30	24	
ZRC112020AA	1	20	120/100/80	30	120	
ZRC124020AA	1	20	120/100/80	30	208/240	
ZRC12425AA	1	25	150/125/100	35	24	45DG10AJA
ZRC112025AA	1	25	150/125/100	35	120	45DG10AFA
ZRC124025AA	1	25	150/125/100	35	208/240	45DG10AGA
ZRC12430AA	1	30	180/150/120	40	24	45EG10AJA
ZRC112030AA	1	30	180/150/120	40	120	45EG10AFA
ZRC124030AA	1	30	180/150/120	40	208/240	45EG10AGA
ZRC12440CC	1	40	240/200/160	50	24	45GG10AJA
ZRC112040CC	1	40	240/200/160	50	120	45GG10AFA
ZRC124040CC	1	40	240/200/160	50	208/240	45GG10AGA
ZRC22420AA	2	20	120/100/80	30	24	
ZRC212020AA	2	20	120/100/80	30	120	
ZRC224020AA	2	20	120/100/80	30	208/240	
ZRC22430AA	2	25	150/125/100	35	24	42AF15AJ
ZRC212030AA	2	25	150/125/100	35	120	42AF15AF
ZRC224030AA	2	25	150/125/100	35	208/240	42AF15AG
ZRC22430AA	2	30	180/150/120	40	24	42BF15AJ
ZRC212030AA	2	30	180/150/120	40	120	42BF15AF
ZRC224030AA	2	30	180/150/120	40	208/240	42BF15AG
ZRC22440CC	2	40	240/200/160	50	24	42CF15A
ZRC212040CC	2	40	240/200/160	50	120	42CF15AF
ZRC224040CC	2	40	240/200/160	50	208/240	42CF15AG
ZRC32420CY	3	20	120/100/80	30	24	
ZRC312020CY	3	20	120/100/80	30	120	
ZRC324020CY	3	20	120/100/80	30	208/240	
ZRC32425CY	3	25	150/125/100	35	24	42AF35AJ
ZRC312025CY	3	25	150/125/100	35	120	42AF35AF
ZRC324025CY	3	25	150/125/100	35	208/240	42AF35AG
ZRC32430CY	3	30	180/150/120	40	24	42BF35AJ
ZRC312030CY	3	30	180/150/120	40	120	42BF35AF
ZRC324030CY	3	30	180/150/120	40	208/240	42BF35AG
ZRC32440CG	3	40	240/200/160	50	24	42CF35AJ
ZRC312040CG	3	40	240/200/160	50	120	42CF35AF
ZRC324040CG	3	40	240/200/160	50	208/240	42CF35AG
ZRC32450CJ	3	50	300/250/200	65	24	42DF35A
ZRC312050CJ	3	50	300/250/200	65	120	42DF35AF
ZRC324050C	3	50	300/250/200	65	120	42DF35AG
ZRC32460CJ	3	60	360/300/240	75	208/240	42EF35AJ
ZRC312060CJ	3	60	360/300/240	75	24	42EF35AF
ZRC324060CJ	3	60	360/300/240	75	120	42EF35AG
ZRC32475CJ	3	75	450/375/300	90	208/240	42FE35AJ106
ZRC312075C	3	75	450/375/300	90	24	42FE35AF106
ZRC324075CJ	3	75	450/375/300	90	120	42FE35AG106
ZRC32490CJ	3	90	540/450/360	120	208/240	42GE35AJ106
ZRC312090CJ	3	90	540/450/360	120	24	42GE35AF106
ZRC324090CJ	3	90	540/450/360	120	120	42GE35AG106
ZRC42430CY	4	30	180/150/120	40	208/240	42BF25AJ
ZRC412030CY	4	30	180/150/120	40	24	42BF25AF
ZRC424030CY	4	30	180/150/120	40	120	42BF25AG
ZRC42440CG	4	40	240/200/160	50	208/240	42CF25AJ
ZRC412040CG	4	40	240/200/160	50	120	42CF25AF
ZRC424040CG	4	40	240/200/160	50	208/240	42CF25AG

LT Series Contactor

- For industrial motor control.
- Mechanical life: 10 million cycles.
- 4-pole contactors should be paired with overload relays.



- We have extended our line up to 90 Amp contactors.
- Covers can be provided as a standard feature to all of our contactors.
- UL and CUL Approved.



1.5P 20-30A



1.5P 40A



2P 20-30A



2P 40A



3P 40A



3P 20-30A



3P 50-60A



3P 75-90A



4P 25-30A



4P 40A

Model	Poles	F/L Inductive Amps	Coil Voltage
LTA-1S-20	1.5	20	24
LTB-1S-20	1.5	20	120
LTC-1S-20	1.5	20	208/240
LTA-1S-25	1.5	25	24
LTB-1S-25	1.5	25	120
LTC-1S-25	1.5	25	208/240
LTA-1S-30	1.5	30	24
LTB-1S-30	1.5	30	120
LTC-1S-30	1.5	30	208/240
LTA-1S-40	1.5	40	24
LTB-1S-40	1.5	40	120
LTC-1S-40	1.5	40	208/240
LTA-2S-20	2	20	24
LTB-2S-20	2	20	120
LTC-2S-20	2	20	208/240
LTA-2S-25	2	25	24
LTB-2S-25	2	25	120
LTC-2S-25	2	25	208/240
LTA-2S-30	2	30	24
LTB-2S-30	2	30	120
LTC-2S-30	2	30	208/240
LTA-2S-40	2	40	24
LTB-2S-40	2	40	120
LTC-2S-40	2	40	208/240
LTA-3S-20	3	20	24
LTB-3S-20	3	20	120
LTC-3S-20	3	20	208/240
LTA-3S-25	3	25	24
LTB-3S-25	3	25	120
LTC-3S-25	3	25	208/240
LTA-3S-30	3	30	24
LTB-3S-30	3	30	120
LTC-3S-30	3	30	208/240
LTA-3S-40	3	40	24
LTB-3S-40	3	40	120
LTC-3S-40	3	40	208/240
LTA-3S-50	3	50	24
LTB-3S-50	3	50	120
LTC-3S-50	3	50	208/240
LTA-3S-60	3	60	24
LTB-3S-60	3	60	120
LTC-3S-60	3	60	208/240
LTA-3S-75	3	75	24
LTB-3S-75	3	75	120
LTC-3S-75	3	75	208/240
LTA-3S-90	3	90	24
LTB-3S-90	3	90	120
LTC-3S-90	3	90	208/240
LTA-4S-30	4	30	24
LTB-4S-30	4	30	120
LTC-4S-30	4	30	208/240
LTA-4S-40	4	40	24
LTB-4S-40	4	40	120
LTC-4S-40	4	40	208/240

Mini Circuit Breaker



Model	Rated Current A	Poles	Voltage (V)	Breaking Capacity (A)
DZ47(C45N)	1 3 6 10 16	1	230/400	6000
	20 25 32 40	2 3 4	400	
	50 63	1	230/400	4500
		2 3 4	400	

Phase Protector

- Protect your 3-phase equipment against low voltage, phase reversal and phase loss.
- All installation and operating instructions enclosed in the box.
- Automatic reset.
- Both delta and wye circuits can be monitored.
- Phase sequence ABC. Will not operate in CBA sequence.

PF083A

- Round type eight pins female socket Model PF083A(sold separately)

Model	Operating Adjustable Voltage	Type of Adjustment	Drop-Dut Voltage		Output Ratings
			1 Phase Low	3 Phase Low	
JQX-F220	190 to 270	Screwdriver	1.58 to 224	171 to 243	SPDT, 345VA Inductive, 10 Amp Resistive @ 240V
JQX-F440	430 to 480		3.57 to 398	387 to 432	SPDT, 380VA Inductive, 10 Amp Resistive @ 240V

Fan Center

UL 40VA Transformer-Primary Voltage 120 Volts- Secondary Voltage 24 Volts Color coded Primary Connections Leads Low voltage terminal board-Secondary Connections Terminal Board 24 Volt Relay Replaces Mars 24012 series & White Rodgers 90-113 series.

Model	Input Voltage	Output Voltage	V/A Rating	Relay	Replacement
LTT4011FC-2C	120	24	40	DPDT	90-112
LTT4011FC-1C	120	24	40	SPDT	90-113
LTT4011FC-1B	120	24	40	SPNO/SPNC	90-118E
LTT4021FC-1C	208/240	24	40	SPDT	90-119
LTT4031FC-2C	120/208/240	24	40	DPDT	90-130

Low Frequency, Open Construction With Circuit Breaker, Class II Transformers

Agency Standards:

- UL, compliant to UL1585 / UL5085-3.
- CSA, compliant to CSA 22.2 #66.3

Transformer details:

General Specification:

- Terminals-Lead wire
- Insulation-Class B(130°C)
- CE, UL

Model	VA Rating	Primary Voltage (V)	Secondary Voltage (V)
LTT20110F	20	120	24
LTT20310F	20	120/208/240	24
LTT40110F	40	120	24
LTT40210F	40	208/240	24
LTT40310F	40	120/208/240	24
LTT402770F	40	277	24
LTT403120F-13	40	120/208/240	12/24
LTT403130F-11	40	120/208/240	2.5/12/24
LTT50110F	50	120	24
LTT50210F	50	208/240	24
LTT50310F	50	120/208/240	24
LTT501110F-33	50	240	24
LTT503120F-13	50	120/208/240	12/24
LTT503130F-11	50	120/208/240	2.5/12/24
LTT60310F	50	120/208/240	24
LTT75510F-22	75	120/240	24
LTT75510F-31	75	120/208/240	24
LTT50410FC-X	50	120/208/240/480	24
LTT75410FC-X	75	120/208/240/480	24
LTT100410FC-X	100	120/208/240/480	24
LTT2031MT	20	120/208/240	24
LTT4031MT	40	120/208/240	24
LTT5031MT	50	120/208/240	24
LTT7541F	75	120/208/240/480	24
LTT5051MWC-B-Y	50	120/208/240/480	24
LTT10051CBPT-Y	100	120/208/240/480	24

Fan Relay

UL E344027

- Install in any position. Snap-acting for remote control of air conditioning, heating, and ventilation systems, and to control fans, blowers, motors (up to 1-1/2 HP), tools, and other electrical devices within ratings.

Model	Description	Amps RES	FLA/ LRA @125V	FLA/ LRA @250V	Coil Voltage (VAC)
PR360A	SPST-NO	18	12/60	8/48	24
PR362A	SPST-NO	18	12/60	8/48	120
PR364A	SPST-NO	18	12/60	8/48	240
PR366A	SPST-NO	18	12/60	8/48	277
PR370A	SPDT	18	12/60	8/48	24
PR372A	SPDT	18	12/60	8/48	120
PR374A	SPDT	18	12/60	8/48	240
PR376A	SPDT	18	12/60	8/48	277
PR380A	SPST NO+NC	18	12/60	8/48	24
PR382A	SPST NO+NC	18	12/60	8/48	120
PR384A	SPST NO+NC	18	12/60	8/48	240

Potential Relay

UL E353539

- Used to start 1-phase, capacitor-type motors in air conditioning and refrigeration applications.

Model	Continuous Coil Voltage(V)	Pick-up(V)		Drop-out(V)
		Min	Max	
PR-9026	395	180	195	100
PR-9063	170	139	153	55
PR-9064	395	260	275	120
PR-9065	332	168	182	90
PR-9066	395	215	225	120
PR-9067	420	295	315	125
PR-9068	502	325	345	135
PR-9069	336	180	195	105
PR-9071	420	223	252	150

Model	HP	Volts(V)	Continuous Coil Voltage	Pick-up(V)	Drop-out(V)
AM-A3C2	3/4,1,1-1/1,2	208/230	332	280-309	55-100
AM-A3D3	3/4,1	230	332	399-327	50-100
AM-A3R3	1/2,3/4,1,1-1/2	115	332	171-184	40-90
AM-A4A3	2,3,4,5	230	502	239-268	60-135
AM-A4D3	1-1/2,3,4,5	230	502	295-324	60-135
AM-A5C2	1/2,3/4,1	230	253	278-306	35-77

2-Pole Switching Relay

UL E344027

- Install in any position. Snap-acting for remote control of air conditioning, heating, and ventilation systems, and to control fans, blowers, motors (up to 1-1/2 HP), tools, and other electrical devices within ratings.

Model	Description	Coil Voltage
PR-340	DPDT	24
PR-341	DPDT	110/120
PR-342	DPDT	208/240
PR-343	SPDT	24
PR-344	SPDT	110/120
PR-345	SPDT	208/240
PR-346	DPST-NO	24
PR-347	DPST-NO	110/120
PR-348	DPST-NO	208/240
Contact Rating	Power 120V	208V/250V
Full Load Amps	12	6
Resistive Amps (277 VAC)	15	15
Inrush Amps	60	35
Horsepower	1/2	1/2

Hard Start Kits



LS-1

- Air Conditioner/Heat Pump Kickstart 3-1/2 to 5HP, 208-230V
- The only two-wire, pre-assembled starting components Hard Start Device on market that uses a high-quality Mechanical Potential Relay in a unique design! Absolutely no use of circuit boards, timers or PTCR devices.
- Proven performance and reliability.
- Mechanical potential relay and Start Capacitor.

LO-5

- The only two-wire, pre-assembled starting components Hard Start Device on the market that uses a high-quality Mechanical Potential Relay in a unique design! Absolutely no use of circuit boards, timers or PTCR devices.
- 1 to 3HP, 330VAC, 50/60Hz.
- Proven performance and reliability.
- Mechanical potential relay and Start Capacitor.



LTUA / HS3-1

- For 1,2,3 Ton
- Extends the life of your compressor
- Protects internal components
- Starts AC in 30-50% less time

LTUC / HS3-3

- Extends the life of your compressor
- For 4 and 5 Ton
- Protects internal components
- Starts A/C in 30-50% less time
- Capacitor: 270-324 Mfd

LTUB / HS3-2

- For 3-1/2,4,5 Ton
- Potential Relay & Start Capacitor For Scroll/ Reciprocating 208-240V Only
- Instructions and mounting hardware included, easy installation

Replacement: CSRU1, CSRU2, CSRU3



LTR1

- For 3-1/2 to 5HP air conditioner, 208- 230V
- Mechanical potential relay for starting motors
- Two-wire connection for installation
- Voltage-sensing capability

LTR5

- For 1 to 3HP air conditioner, 330V, 50/60Hz
- Mechanical potential relay for starting motors
- Two-wire connection for installation
- Voltage-sensing capability



SA33773

Model	Increased Torque	Replacement
HS5	300%(270 oz.in)	SPP5
HS6	500%(270 oz.in)	SPP6
HS8	690%(270 oz.in)	SPP8
HS7S	600%(270 oz.in)	SPP7S

- Relay and Hard Start Capacitor
- For all PSC A/C units from 4000 thru 120000BTU (1/2 thru 10Hp)
- Can be used on 120 thru 288VAC units.



SA33773

Model	Operating Voltage(V)	Equipment Range(Hp)	Recommended Range(Hp)	Capacitor(uF)	Replacement
HS4E	90-130	1/12 to 1	1/8 to 1	88-106	SPP4E
HS5E	90-277	1/2 to 10	1/3 to 2	43-52	SPP5E
HS6E	90-277	1/2 to 10	1/2 to 3	88-106	SPP6E
HS7E	90-277	1/2 to 10	1 to 4	130-156	SPP7E
HS8E	90-277	1/2 to 10	1 to 5	189-227	SPP8E



SA33773

Model	Robertshaw	HP	Voltage	Replacement
HS21	600-210	1/12 thru 1/2	115V	RC0210
HS41	600-410	1/4,1/3	115V	RC0410
HS81	600-810	1/12 thru 1/5	115V	RC0810

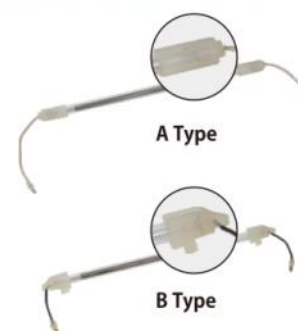
Relay Protector Series



SPP



Defrost Heater



A Type

B Type

PW Series Relay Protector

Model	Pick-up Current(A)	Drop-out Current(A)	Horsepower(Hp)
PW-S1	4.25	3.35	1/5
PW-S2	4.75	3.75	1/4
PW-S3	5.3	4.25	1/3

IC Series Solid State Relay

Model	Voltage(V)	PTC Resistance(Ω)
IC-3	220	22±20%
IC-4	220	22±20%

ICG Series Relay

Model	Voltage(V)	Horsepower(Hp)
ICG-1	115	1/12 thru 1/2
ICG-220	230	1/12 thru 1/2
SPP	115-230	210 Ounce inches

Refrigerator Compressor Start Relay and Capacitor

Model	Compatible Brand	Compatible Model
W10613606	Whirlpool, Kenmore, Jenn-Air, Litton, Crosley, Amana, Dacor, Admiral, Hardwick, Magic Chef, Inglis	W10416065, PS8746522, 67003186, PS8746522, AP5787784, ETC.

MZ Series PTC Starting Relay with One, Two and Three Heads

Model	Resistance at 25°C(Ω)	Resistance Time (S)	Power(W)
MZ-12	12	≤80	6
MZ-15	15	≤80	7
MZ-22	22	≤80	7
MZ-33	33	≤80	6
MZ-47	47	≤80	8
MZ-100	100	≤80	3

RP Series Push-on Type Relay

Model	Pick-up(A)	Drop-out(A)	Horsepower(Hp)
RP18	3.15	2.5	1/8
RP16	3.75	3	1/6
RP15	4.75	3.75	1/8
RP14	5.35	4.25	1/7
RP13	6	5.2	1/3
RP12	8.4	7	1/2

Model	Length	Watts	VAC
DH08	8"	90W/100W	11V/220V
DH10	10"	110W/115W	11V/220V
DH12	12"	120W/130W	11V/220V
DH13	13"	145W/150W	11V/220V
DH14	14"	145W/150W	11V/220V
DH16	16"	180W/220W	11V/220V
DH18	18"	220W/220W	11V/220V
DH20	20"	220W/240W	11V/220V
DH22	22"	240W/280W	11V/220V

Glass Tube: Φ10.5x1 or Φ9x1

Relay Protector Series



RO Series Relay & Overload Combination

Model	Voltage(V)	Gemline	Horsepower(Hp)
RO-81	115	IC-15	1/12 thru 1/5
RO-41	115	IC-13	1/4 and 1/3
RO-82	230	--	1/12, 1/10 and 1/8
RO-62	230	IC-25	1/6 and 1/5
RO-42	230	IC-23	1/4 and 1/3



ICA Series Relay-Overload Combination

Model	Voltage(V)	Frequency(Hz)	Horsepower(Hp)
ICA-13	120	50/60	14, 1/3
ICA-15	120	50/60	1/8, 1/6, 1/5
ICA-23	240	50/60	1/4, 1/3
ICA-25	240	50/60	1/8, 1/6, 1/5



PO Series Relay

Model	Voltage(V)	Horsepower(Hp)
PO115	115	1/12 thru 1/2
PO230	230	1/12 thru 1/2



PP1100 Series Relay Protector

Model	Resistance(Ω)	Voltage(V)	Current(A)
PP1100-1	5	110	4
PP1100-2	22	220	6



PW Series Relay Protector

Model	Pick-up Current(A)	Drop-out Current(A)	Overload Current(A)
PW4.5A	3	2.5	6.5
PW5.5A	3.7	3	7.8



QD Series Overload Protector

Model	Horsepower(Hp)	Break Time(S)	Temperature(°C)
QD-18	1/8	7~15	25±2
QD-16	1/6	7~15	25±2
QD-15	1/5	7~15	25±2
QD-14	1/4	7~15	25±2
QD-13	1/3	7~15	25±2

Defrost Timer



"Classic Metal" Defrost Timer

Model(250V)	Defrost Frequency (Hours)	Defrost Time(Mins)	Voltage	Replaces
DS-001-821	8	21	120V/220V	Whirlpool 482493
DS-001-820	8	20	120V/220V	Frigidaire 628518
DS-001-832	8	32	120V/220V	Amana D70041-4
DS-001-625	6	25	120V/220V	GE WR 9x330
DS-001-620	6	20	120V/220V	----
DS-001-621	6	21	120V/220V	Admiral 55467-1
DS-013-621	6	21/25	220V	WR 9x363
DS-013-821	8	21/25	220V	WR 9x363
DS-003-621	6	21/25	220V	WR 9x363
DS-003-821	8	21/25	220V	WR 9x363
DS-023-621	6	21/25	220V	WR 9x363
DS-023-821	8	21/25	220V	WR 9x363



"Flying Lead" Defrost Timer

Model(250V)	Working Cycle Time		Defrost Time	
	50Hz	60Hz	50Hz	60Hz
DS-004/R-0215	2hr	2hr	15min	12min
DS-004/R-430A	4hr48min	4hr	30min	25min
DS-004/R-621	6hr	5hr	21min	17min30s
DS-004/R-625	6hr	5hr	25min	21min
DS-004/R-725	7hr12min	6hr	25min	21min
DS-004/R-730	7hr12min	6hr	30min	25min
DS-004/R-807	8hr	6hr40min	7min	5min50s
DS-004/R-820	8hr	6hr40min	20min	16min40s
DS-004/R-824	8hr	6hr40min	24min	20min
DS-004/R-832	8hr	6hr40min	32min	26min40s
DS-004/R-908	9hr36min	8hr	8min24s	7min
DS-004/R-938	9hr36min	8hr	38min	32min
DS-004/R-1004	10hr	8hr19min	4min	3min36s
DS-004/R-1021	10hr	8hr19min	21min	17min50s
DS-004/R-1215	12hr	10hr	15min	12min30s
DS-004/R-1225	12hr	10hr	25min	21min
DS-004/R-1236	12hr	10hr	36min	30min
DS-004/R-1242	12hr	10hr	42min	35min
DS-004/R-1425	14hr24min	12hr	25min	21min
DS-004/R-1615	16hr	13hr20min	15min	12min30s
DS-004/R-2290	22hr42m	20hr	90min	75min
DS-004/R-2496	24hr	20hr	96min	80min

Universal Defrost Timers



LT-DTAV40

Specifications:

Maximum Contact Switch Rating:

40A Resistive@120-240VAC
2HP @ 240VAC; 1HP @ 120VAC

Electrical Life:

50,000 Operations at Full Load

Environmental Ratings:

Operating Temperature Range: -40°F to 104°F
(-40°C to 40°C)

Operating Humidity: 0-95% RH, non-condensing

Wiring Connection:

Screw box lug terminals. Up to one #8AWG Wire



DS-ALL Defrost Timer

D1	D2	Defrost Frequency (Hours)	D3	D4	Defrost Time(Mins)
ON	ON	6	ON	ON	15
ON	OFF	8	ON	OFF	21
OFF	ON	12	OFF	ON	25
OFF	OFF	24	OFF	OFF	32

During the usage of DS-ALL, it can be set any defrost hour or time in the above table.

Variable Frequency Drive



SN160MN

Model	0.75kW-2.2kW	3.7kW-18.5kW
Input Voltage	AC,1PH,220V(-15%)~240V(+10%) AC,3PH,380V(-15%)~440V(+10%)	AC,3PH,380V(-15%) ~480V(+ 10%)
Rated Frequency	50/60 Hz	
Frequency Range	±5% (47.5 ~63Hz)	
Output Voltage	0-Input Voltage	
Maximum Output Frequency	0.1~500Hz	
Output Power	Please refer to Rated Parameter table	
Output Current	Please refer to Rated Parameter table	

Defrost Timer



DS-005



DS-007
Japanese Type



UET120



UET240



DS-014

"Heavy-Duty" Defrost Timer

Defrost Frequency(Hours)	Defrost Time(Mins)	Voltage	Replaces
6	25	120V 220V	Whirlpool 482493
6	21	120V 220V	Frigidaire 628518



DS-006



DS-006T

"Korea Type" Defrost Timer

Model	Defrost Frequency(Hours)	Defrost Time (Mins)	Voltage	Replaces
DS-006-630	6	30	120V	TD20L
DS-006-807	6	7	120V	TD20C

Delay Timer Relay



QD-207



QD-208



QD-209

Specifications

Input

Line Voltage: 18 -240 VAC
Line Frequency: 50/60 Hz

Output Ratings

Maximum: 1 amp
Minimum: 40 mA
Inrush: 10 amps

Time Delay

3 or 5 minute fixed
10 minute adjustable

Delay Timer Relay



QD-100



QD-068



QD-101



QD-072

Specifications

Parameter	Description	Replaces
Model	QD-068/QD-100/QD-101 (Delay On) /QD-072 (Delay Off)	Diversified: C-800,ASC-600, 601
Input Voltage	18-240VAC/DC	Gemline: 1C310,1C213
Frequency	50/60Hz	Mars: 32391,32367
Rated Output	Maximum 1.5A	Robertshaw: 3310-068
Minimum Output	0.04A	Supco: TD-68,TD-69
Surge Current	1.5A	ICM: 102
Time Relay	Adjustable Delay 0.03 to 10 minutes (1.8 to 600 seconds)	Watsco: EAC-701-ADJ, EAC-700-A



QD-253



QD-254



QD-175



QD-205



QD-206

Specifications

Line Frequency: 50/60Hz;Inrush Current: 10 amps

Model	Input Voltage (VAC)	Maximum Output	Minimum Output	Time Delays	Replaces
QD-253	18-30	1 amp	20 mA	OFF delay: 12-390 seconds	Mars: 32393; ICM: 253; Gemline: Ic216
QD-254	18-30	1 amp	20 mA	ON delay: 1-180 seconds, OFF delay: 12-390 seconds	Honeywell: S876A1016,ICM254, Watsco: PSTD-000-060W, PSTD-000-005W
QD-175	18-240	1 amp	40 mA	10-1000 seconds	Mars: 32395; ICM: 175; Supco: TDP68

Specifications

Line Frequency: 50/60Hz;Inrush Current: 15 amps

Model	Input Voltage (VAC)	Maximum Output	Minimum Output	Time Delays	Replaces
QD-204	18-30	1.5 amp	40 mA	3 minute fixed	Gemline: 1C243; Mars: 32381,32382; Supco: TL243,TL245; Robertshaw: 3310-183, 3310-305; ICM: 204,205,206; Watsco: EAC551, EAC-426-180,EAC-426-300, EAC-426-ADJ;
QD-205	18-30	1.5 amp	40 mA	5 minute fixed	
QD-206	18-30	1.5 amp	40 mA	10 minute adjustable	



QD-104
24VAC



QD-104
120-240VAC

Specifications

Model	Input Voltage (VAC)	Line Frequency (Hz)	Output Ratings	N.O. Contact (Resistive)	Motor Load Rating	Time Delays
QD-104	24 120-240	50/60	SPDT 1 FORM C	20 amps, 10 amps	@120VAC: N.O., 2HP; N.C., 1/2HP @240VAC: N.O., 2HP; N.C., 1/2HP	10-1000 seconds adjustable

CB60 Run Capacitors (CBB60)



CB6004-CB6030(250V) CB6004L-CB6030L(450V)

Model		Microfarad(uF)	Model		Microfarad(uF)
CB6004	CB6004L	4	CB6017	CB6017L	17
CB6005	CB6005L	5	CB6018	CB6018L	18
CB6006	CB6006L	6	CB6019	CB6019L	19
CB6007	CB6007L	7	CB6020	CB6020L	20
CB6008	CB6008L	8	CB6021	CB6021L	21
CB6009	CB6009L	9	CB6022	CB6022L	22
CB6010	CB6010L	10	CB6023	CB6023L	23
CB6011	CB6011L	11	CB6024	CB6024L	24
CB6012	CB6012L	12	CB6025	CB6025L	25
CB6013	CB6013L	13	CB6026	CB6026L	26
CB6014	CB6014L	14	CB6027	CB6027L	27
CB6015	CB6015L	15	CB6028	CB6028L	28
CB6016	CB6016L	16	CB6029	CB6029L	29
			CB6030	CB6030L	30

CBB65 Motor Run Capacitor



370V, 50/60Hz, Round Run, UL Listed

Model	MFD	Model	MFD	Model	MFD	Model	MFD
37R050	5	37R2540	25+4	44R050	5	44R2050	20+5
37R075	7.5	37R2550	25+5	44R075	7.5	44R20150	20+15
37R100	10	37R3030	30+3	44R100	10	44R2550	25+5
37R125	12.5	37R3040	30+4	44R125	12.5	44R25100	25+10
37R150	15	37R3050	30+5	44R150	15	44R2575	25+7.5
37R175	17.5	37R3530	35+3	44R175	17.5	44R25150	25+15
37R200	20	37R4050	40+5	44R200	20	44R3040	30+4
37R250	25	37R4075	40+7.5	44R250	25	44R3050	30+5
37R300	30	37R4550	45+5	44R300	30	44R3075	30+7.5
37R350	35	37R4575	45+7.5	44R350	35	44R3530	35+3
37R400	40	37R5050	50+5	44R400	40	44R3540	35+4
37R450	45	37R5075	50+7.5	44R450	45	44R3550	35+5
37R500	50	37R5010	50+10	44R500	50	44R3575	35+7.5
37R550	55	37R5550	55+5	44R550	55	44R4030	40+3
37R550	55	37R5575	55+7.5	44R600	60	44R4050	40+5
37R600	60	37R6050	60+5	44R800	80	44R4075	40+7.5
37R700	70	37R6075	60+7.5			44R4550	45+5

CD60 Motor Start Capacitor



110-125V/220-250V, 50/60Hz, UL Listed

Model	Microfarad(uF)
11S21-25	21-25
11S25-30	25-30
11S30-36	30-36
11S36-43	36-43
11S43-53	43-53
11S47-56	47-56
11S56-75	56-75/53-64
11S67-77	67-77/64-77
11S72-88	72-88
11S88-108	88-108
11S108-130	108-130
11S124-149	124-149
11S130-156	130-156
11S145-174	145-174
11S161-193	161-193
11S189-227	189-227
11S200-240	200-240
11S216-259	216-259
11S233-280	233-280
11S243-292	243-292
11S270-324	270-324
11S324-388	324-388
11S340-408	340-408
11S378-455	378-455
11S400-480	400-480
11S430-516	430-516
11S460-552	460-552
11S540-648	540-648
11S590-708	590-708
11S708-850	708-850
11S829-995	829-995
11S1000-1200	1000-1200

165V/300V, 50/60Hz, UL Listed

Model	Microfarad(uF)
16S72-88	72-88
16S88-108	88-108
16S108-130	108-130
16S124-149	124-149
16S130-156	130-156
16S145-174	145-174
16S161-193	161-193
16S189-227	189-227
16S216-259	216-259
16S233-280	233-280
16S243-292	243-292
16S270-324	270-324
16S340-408	340-408
16S378-455	378-455
16S400-480	400-480
16S500-648	500-648
33S21-25	21-25
33S25-30	25-30
33S30-36	30-36
33S36-43	36-43
33S43-53	43-53
33S47-56	47-56
33S53-64	56-75/53-64
33S64-77	67-77/64-77
33S72-88	72-88
33S88-108	88-108
33S108-130	108-130
33S124-149	124-149
33S130-156	130-156
33S145-174	145-174
33S161-193	161-193
33S189-227	189-227

CD60 MOTOR START CAPACITOR

- A Dielectric Material: Aluminum Electrolytic
- Terminal: Wire
- Ambient Temperature: 10/55/10
- Rated Capacitance: 400uF
- Tolerance: +/-10-20%
- Rated Frequency: 50/60Hz
- Rated Voltage: 110~330V

CB61 Series Run Capacitor



CB6110-CB6150(250V) / CB6110L-CB6150L(450V)

Model(250V)	Model(450V)	Microfarad(uF)
CB6110	CB6110L	1
CB6115	CB6115L	1.5
CB6120	CB6120L	2
CB6125	CB6125L	2.5
CB6130	CB6130L	3
CB6140	CB6140L	4
CB6150	CB6150L	5

CBB65 Motor Run Capacitor

- Capacitor is round/oval shape
- Capacitor is UL Listed
- Filled with non-PCB oil
- Made on non metalized film
- Comes with metal cases
- Includes four blades, quick connect insulated terminals.

370V, 50/60Hz, Oval Run, UL Listed

Model	MFD	Model	MFD	Model	MFD	Model	MFD
370020	2	3701530	15+3	440020	2	4400540	5+4
370030	3	3701540	15+4	440025	2.5	4401540	15+4
370040	4	3701550	15+5	440030	3	4401550	15+5
370050	5	37015100	15+10	440040	4	44020150	20+15
370060	6	3702040	20+4	440050	5	4402550	25+5
370075	7.5	3702050	20+5	440060	6	4402575	25+7.5
370100	10	37020150	20+15	440075	7.5	44025100	25+10
370125	12.5	3702530	25+3	440100	10	4403040	30+4
370150	15	3702540	25+4	440125	12.5	4403050	30+5
370175	17.5	3702550	25+5	440150	15	4403075	30+7.5
370200	20	3702580	25+8	440175	17.5	44030100	30+10
370250	25	37025100	25+10	440200	20	4403530	35+3
370300	30	37025150	25+15	440250	25	4403550	35+5
370350	35	3702575	25+7.5	440250	25	4403510	35+10
370400	40	3703050	30+5	440300	30	4403575	35+7.5
370450	45	3703075	30+7.5	440350	35	4404050	40+5
370500	50	37030100	30+10	440400	40	4404075	40+7.5
370550	55	3703530	35+3	440450	45	4404550	45+5
370600	60	3703540	35+4	440500	50	4405050	50+5
370700	70	3703550	35+5	440550	55	4405550	55+5
370800	80	37035100	35+10	440550	55	44055100	55+10
		3703575	35+7.5	440600	60	4406050	60+5
		3704050	40+5				
		37040100	40+10				
		3704550	45+5				
		37045100	45+10				
		37045150	45+15				
		3705550	55+5				
		3705575	55+7.5				
		3706050	60+5				
		3706075	60+7.5				
		37060100	60+10				

Time Delay Relay And Sequencer

Sequencer serves as a reliable alternative for most fan and heating sequence functions, meeting your heating control requirements.

Combinations: Various bimetallic disc and PTC options for flexibility.

Applications: Suitable for electric furnaces, substrate, and pipeline heaters.

Approval: UL and CUL certified.

Replace: SUPCO, GEM, Mars, and Robertshaw etc.

Logic: M1-M2 contacts activate in sequence.

Timing: Five-second delay between stages.



KSD015
24/120/240VAC, SPST



KSD015W
24/120/240VAC, SPST



KSD016
24/120/240VAC, DPST



KSD016W
24/120/240VAC, DPST



KSD016X
24/120/240VAC, DPST+SPST



KSD030
24/120/240VAC, 2*SPST



KSD031
24/120/240VAC, DPST+SPST



KSD032
24/120/240VAC, 2*DPST



KSD033
24/120/240VAC, 2*DPST+SPST

*Note all Sequencers include a 24 volt heater except the KSD016 which has a 240 volt heater.

Water Heater Thermostat



KST207R
DPST Manual Reset



KST208R
DPST Manual Reset



KST200
SPST



KST201
SPDT



KST202
SPST+DPST



KST203
SPST+DPST



EWH-01
Electric Water Heater Tune-Up Kit



EWH-02
Electric Water Heater Tune-Up Kit



EWH-03
Electric Water Heater Tune-Up Kit



EWH-4500D
Electric Water Heater Tune-Up Kit



PT04-00
Extended Shank T&P Valve



KSDP200 & KSDP203
Thermostat cover



LTDS-01
Water diversion tool



WH-01 WH-RNC
Electrical Water Heater Tube



WBTT
Socket Spanner



EWHB-01
Water heater thermostat bracket

Refrigeration Thermostats



5708L



5709L / 103079005



103079002 / 33405



33420 / 33455



297216600



5303917625



5303917954



WR50X10025



WR50X10068



WR50X10071



WR50X10073



WR50X122



WR50X129



4387489



4387490



4387499



4387503



52085-10



52085-15



52085-19

Refrigeration Thermostats



52085-28



WP10442411



107153



107153

Refrigeration Sensors



WR55X10025



6500JB2002X



6500JB2001B



6500JB2002T



DA32-00006S



DA32-00006W



DA47-00095E



DA32-10105H

Defrost Heaters



WR51X442/WR51X443



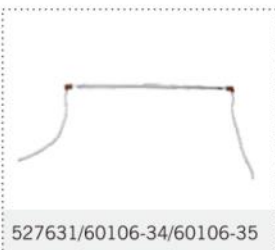
WR51X10031



WR51X10038



WR51X10053



527631/60106-34/60106-35



WR51X10101

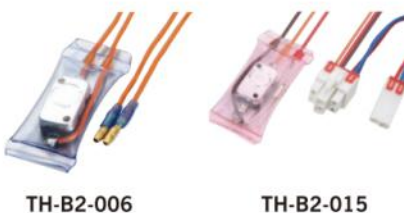


WR51X411



WR51X10055

Defrost Thermostat with Sealed PVC TH-B2



TH-B2-006

TH-B2-015

TH-B2 SERIES is sealed construction provides moisture resistance for moisture prone environments.

Applications: Refrigerator, Ice maker, Air-conditioning, Freezer.

Technical Specification

Rated Voltage	Rated Current	Temperature Range	Tolerance	
			Min	Standard
120V/240V 250V/277V	1A-16A	-30-80	+/-3°C	+/-5°C

Thermostat



R9900489



53-1096



LA-1035



6931EL3003D



6931EL3004B



6931EL3002M



6931EL3003C



DC32-00007A



DC47-00015A



3387134



3390291



DC47-00016A



DC47-00018A



DC96-00887AR



279769



279816



279973



307473



53-1107



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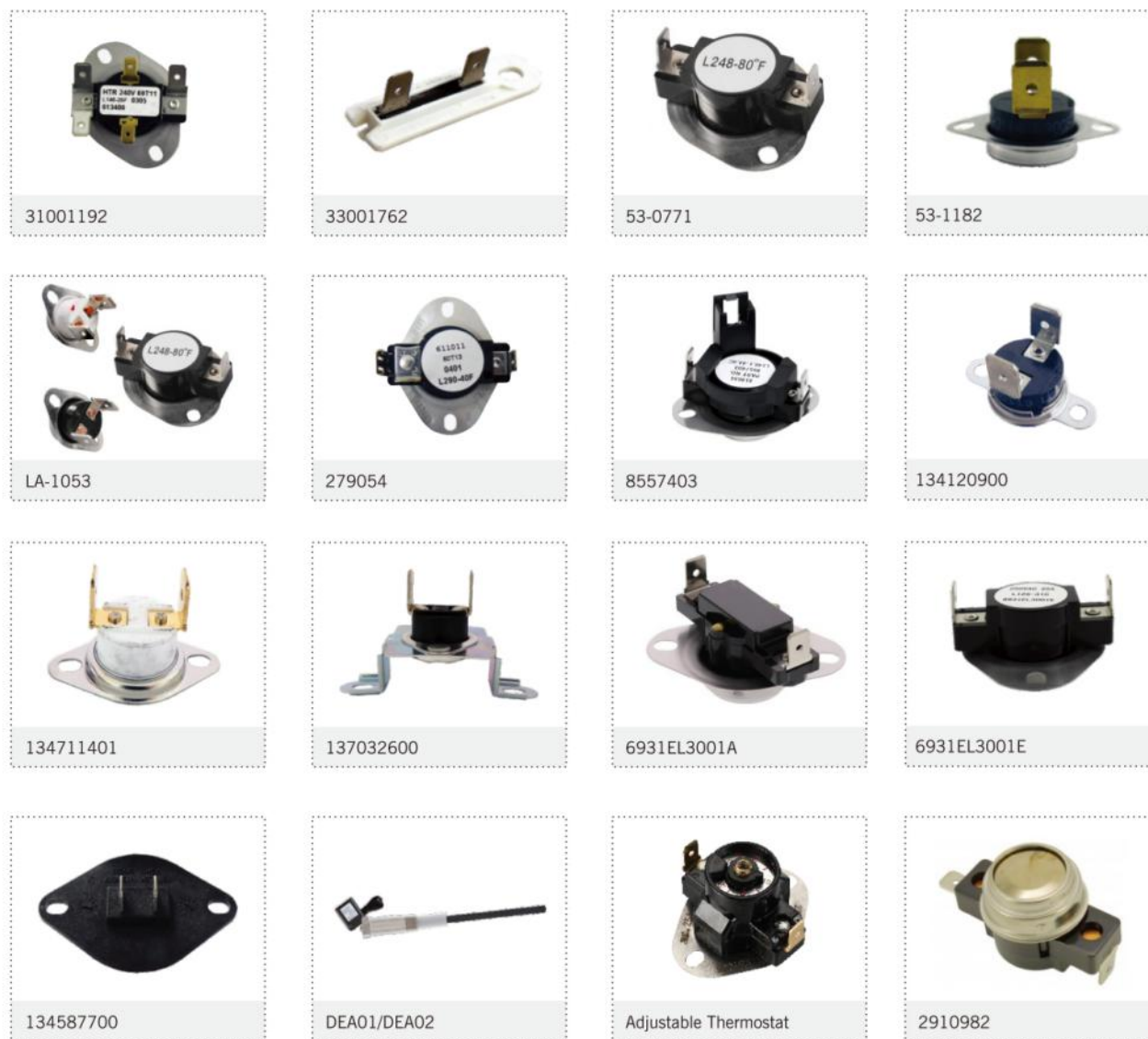


3977767



8577274

Thermostat



Robertshaw Thermostat



RANCO Thermostat



GE Thermostat





SAGINOMIYA Thermostat



PRODIGY Thermostat



WHITE RODGERS/ Honeywell Thermostat





Danfoss Thermostat

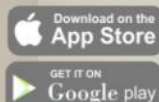
EGO Thermostat





COTHERM Thermostat

Wi-Fi Universal Control System for Cabinet A/C



Programmable thermostat
Everyday programmable
Easy to program



Specification

- Temperature sensing element: NTC
- Temperature control precision: $\pm 0.5^{\circ}\text{C}$
- Temperature setting: $7\sim 32^{\circ}\text{C}$
- Display range: $7\sim 32^{\circ}\text{C}$
- Working condition: $5\sim 35^{\circ}\text{C}$ 0-90%RH
- Key: Mechanical keys
- Supply voltage: AC 18-30V 50/60HZ
- Consumable Power: $<1\text{W}$
- Terminal block: 2 lines*1.5 mm², or 1 line*2.5mm²
- Load limitation: 1A with resistant load; 1.5A with inductive load
- Shell : Fire-retardant PMMA+ABS
- Protection : IP30

*Mobile phone control and suitable for Android & IOS system.

Room Thermostat For Central Air Conditioner

- **Application:** Central air conditioner, heating and cooling temperature control, with different wire connection options and operation modes.
- **Rated power supply:** 220~240V/50~60Hz



T6373B 1068



T6373B 1130



T6360A

Air Conditioner Thermostat



TH2017

- 100-240VAC
- Set points and room temperature display simultaneously
- 6.8sq.inch backlight LCD
- Compressor short cycling protection available



QD-HVAC20

- 100-240VAC
- Easy for installation and applicable for two-way valves or two three-way valves
- 5+2 weekly timer function
- Optional for Celsius degree and Fahrenheit degree protection available

Programmable Thermostat



QD-HVAC10

- 5+2 programmable
- 6.8sq.inch backlight LCD
- Battery power or 24V Hardwire



QD-HVAC11

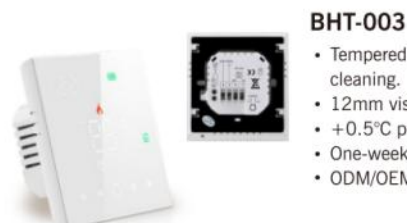
- 5+2 programmable
- Adjust Filter usage counter
- Battery power or 24V Hardwire

Thermostat Guards



Model	Base	Inside Dimension(in.)			Cross Reference
		L	W	D	
77-PG3	Ring Solid	3.75 4.00	3.50 4.00	2.26 2.50	BTG-EK F29-0252 ECST 029-0178 029-0179
77-PG6	Ring Solid	5.25 5.75	4.62 5.00	3.12 2.81	BTG-K F29-0251 KCBT F29-0257
77-PG9	Ring Solid	6.31 6.62	3.62 4.12	3.06 2.75	BTG-RK F29-0253 RCBT 029-0143
77-PG12	Ring 98Solid	8.18 8.50	4.62 5.00	3.56 3.87	BTG-UK2 F29-0254 UCBT 029-0198

Smart Heating Thermostat



BHT-003

- Tempered glass panel for easy cleaning.
- 12mm visible wall thickness.
- $\pm 0.5^{\circ}\text{C}$ precise temperature control.
- One-week preset adjustment.
- ODM/OEM customization support.



BHT-001

- Black and white classic color matching.
- Hidden display mode, simple interface, strong sense of technology.
- Panel power module split structure, easy to install.
- Support function customization, Modbus, WiFi, room card, etc.



BHT-006

- Brighter LED display for better visibility.
- Five touch buttons for smoother operation.
- Intelligent memory storage to prevent data loss.
- 11.9mm slim panel for a sleek wall fit.
- Temperature control accuracy of $\pm 1^{\circ}\text{C}$.



BHT-8000

- Center color changing ring
- 6 touch function keys design
- 15mm visible wall thickness, body thickness
- $^{\circ}\text{C}$ or $^{\circ}\text{F}$ can be customized to switch

Digital Thermostat

Our Digital Temperature Controller series is designed to seamlessly replace controllers from popular brands like Carel, Dixell, Eliwell, EVCO, Full Gauge, and Subzero, ensuring compatibility and high quality when upgrading your controllers.

Model	Replace	Model	Replace
ECS-180EZ	Carel Easy PJEZ C series	EK-530	EVCO EV3B23
ECS-02CX	DIXCELL XR02CX	EK-540	EVCO EV3B24
ECS-06CX	DIXCELL XR06CX	ETC-512E	Full Gauge MT-512E
ETC-974E	Eliwell 974	ETC-900E	Full Gauge TC-900E
ECS-961NEO	Eliwell 961	STC-7510	Subzero SZ-7510
EK-510	EVCO EV3B21	STC-7569	Subzero SZ-7569
EK-520	EVCO EV3B22		



Water Heater Thermostat 30~75°C



Thermometer



BT-1



BT-3



TPM-10



WT-2



DT-1



WT-1B



ET100



PT100



ET7620



ET240



OYTM-5S



HT390

Infrared Digital Thermometer

- Measuring range: -32~390°C(-25.6~734°F)
- Accuracy: $\pm 1.5^{\circ}\text{C}/\pm 1.5^{\circ}\text{F}$
- Resolution: 0.1°C or 0.1°F
- Distance spot ratio: 12:1
- Emissivity: 0.95(fixed)
- °C/°F unit selectable
- Auto power off & Data Hold
- Laser ON/OFF selectable
- Power: 2x1.5V AAA battery



HT550

Infrared Digital Thermometer

- Power supply: 9V battery
- Temperature range: -50°C~ 550°C(-58°F~1022°F)
- Resolution: 0.1°C or 0.1°F
- Distance to Spot size: 12:1



TJ2



TJ4



TJ1



TJ5

- Temperature Range: -40~+40°C
Front Flange
- TJ2-1φ60mm 1500mm
 - TJ2-2φ80mm 3000mm
 - TJ2-3φ100mm 4500mm

- Temperature Range: -40~+40°C
Back Flange
- TJ4-1φ60mm 1500mm
 - TJ4-2φ80mm 3000mm
 - TJ4-3φ100mm 4500mm

- Plate Size: 50mm
- Temperature Range: -40~15°C/-40~60°F
- Capillary Length: 48"

- Case dimension: Rectangle
- Case material: White or Black plastic
- Type: Back entry
- Stem material: Copper
- Scale: Single scale°C
- Accuracy: $\pm 2.0^{\circ}$
- Range: 0+120°C/-40-40°C

Remote Control



KT-Dot1

- ABC Brand letters input
- LCD backlight
- Large room temperature displayed

Features

- 46 brands in 1
- LCD backlight
- Brand letters input
- Room temperature displayed
- Clock
- Sleep function
- Permanent memory



KT-N828

- LCD backlight
- 123 Input codes by digital keys
- Large room temperature displayed

Features

- 2000 in 1
- Sleep function
- Clock
- LCD backlight
- Input codes by digital keys
- Room temperature displayed



KT-e08

- 6000 6000 in 1
- One-key function
- Room temperature displayed

Features

- Clock
- 6000 in 1
- Input codes by digital keys
- Room temperature displayed



KT-1000

- Inner keys
- Permanent memory

Features

- 1028 in 1
- Inner keys
- Timer Off
- Permanent memory



KT-GR

- No setting
- Same shape as original model

Features

- Light function
- Dry and auxiliary heating
- Function as the original
- No setting
- Timer function
- Same appearance as the original



KT-9018E

- Colorful cases
- 123 Digit number input
- Intelligent cooling/heating function

Features

- 4000 in 1
- Timer function
- Clock function
- Digit number input
- Intelligent cooling/heating function



K-380EW



Features

- Support 2G/3G/4G/Wi-Fi networks
- LED light
- Lithium battery



Q-988E

- Cool & i-heat function

Features

- Time on/off
- Fast heat and fast cool
- Offer manually & Automatically searching



K-1028E

- Cool & i-heat function

Features

- Time on/off
- Fast heat and fast cool
- Offer manually & Automatically searching LED light

WiFi Smart AC Remote Control



WIFIBO

Features

- Supports 2G/3G/4G/WiFi networks
- Remote control of AC via mobile phone
- Compatible with all major A/C brands
- 180° rotating IR transmitter for guaranteed connectivity
- Li-ion battery
- LED light with white backlight
- Mobile-controlled WiFi router connection
- Compatible with Android & iOS systems



UFO-R1

Features

- Infrared Universal Remote Control for intelligent appliance control
- Power Input: 5V DC 1A
- Material: ABS
- Working Temperature: 0-50°C
- Connection Mode: 2.4 GHz 802.11b/g/n
- Infrared Distance: $\leq 8\text{m}$
- Support Devices: Android 4.0/iOS 8.0+

Universal A/C Remote Control



QD-U02B(sw)

- Switch power series
- Same function with OD-U02B common model, and with the input voltage: AC 100V-240V 50/60Hz



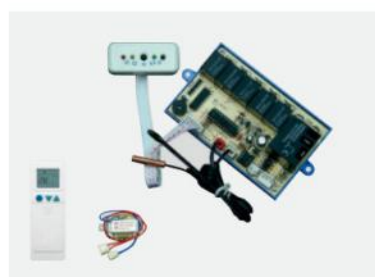
QD-U02C+

- Periodical Defrost
- Deluxe receiver, nice appearance, display real-time working condition
- Transformer connection upgrade fast plug socket, more convenient for installation
- 2 Fan Speed
- Accurate & Stable Auto Fan
- Sleep



QD-U05PG+

- PG motor
- Unlimited fan speed, low noise
- Accurate & stable auto fan
- Prevent cold wind in heating mode
- Pipe protection for higher detect temperature fault automatically
- Sleep function



QD-U03C+

- 5 working mode
- Accurate & stable temperature control
- Auto-restart function
- Timer on/off
- Defrost automatically
- Outdoor fan is controlled independently
- Compressor project timer for its run and stop
- Prevent cold wind in heating mode



QD80C

- Universal AC/DC Inverter Control System
- 6000-12000BTU
- Easy for installation
- Powerful and intelligent inverter module
- Using high-quality chip, stable and reliable
- Applied to Split Air Conditioner



QD82

- Universal DC inverter control system
- 6000-12000BTU
- Drive strong DC compressor
- Drive outdoor/indoor DC fan motor
- Drive electronic expansion valve
- Applied to split air conditioner



QD82U

- Universal DC inverter control system
- 18000-24000BTU
- Drive strong DC compressor
- Drive outdoor/indoor DC fan motor
- Drive electronic expansion valve
- Applied to split air conditioner



QD81B

- Universal AC/DC inverter control system
- 18000-24000BTU
- Easy for installation
- Using high-quality chip, stable and reliable
- Applied to air conditioner



QD85U

- Universal indoor/outdoor board, Remote control
- Enable to drive strong AC/DC compressor
- Available for indoor brushless DC motor or PG motor
- Enable to drive outdoor AC/DC fan motor
- Applicable for controlling electronic expansion valve

Pressure Switch



Pressure Range: 3PS.I~700PS.I Setting Tolerance: Open +/-5; Close +/-5

Model	Settings P.S.I		Model	Settings P.S.I	
	Open	Close		Open	Close
LPS0520	5	20	HPS200150	200	150
LPS1020	10	20	HPS250150	250	150
LPS2550	25	50	HPS300200	300	200
LPS2580	25	80	HPS350250	350	250
LPS4080	40	80	HPS400200	400	200
MPS350	350	-	HPS400300	400	300
MPS450	450	-	HPS450250	450	250

Dual/Single Pressure Control



Single Pressure Control

Model	Range(bar)		Differential(bar)		Factory Setting(bar)		Max.Bellows Press	Replacement Ranco
	Min.	Max.	Min.	Max.	OFF	ON		
LTP503	-0.7	3	0.7	1.5	2	1	16.5	-
LTP506	-0.7	6	0.6	4	3	2	16.5	010-1402
LTP506M	-0.7	6	Duplicate Voltage Disparity≤1		3	Manual Reset	16.5	-
LTP110	1	10	1	3	6	5	16.5	-
LTP516	5	16	1	4	10	8	35	-
LTP520	5	24	2	5	16	13	35	-
LTP530D	5	30	5	10	20	15	35	016-200
LTP530	8	30	Fixed 3~5		20	15~17	35	-
LTP530M	8	30	Duplicate Voltage Disparity≤4		20	Manual Reset	35	-



Dual Pressure Control

Model	Press. Side	Range(bar)		Differential(bar)		Factory Setting(bar)		Max.Bellows Press	Replacement Ranco
		Min.	Max.	Min.	Max.	OFF	ON		
LTP830	Low Side	-0.7	6	0.6	4	3	2	16.5	012-1549
	High Side	8	30	Fixed 3~5		2	15	35	
LTP830HM	Low Side	-0.7	6	0.6	4	3	2	16.5	012-1548
	High Side	8	30	Duplicate Voltage Disparity≤4		20	Manual Reset	35	
LTP830HLM	Low Side	-0.7	6	Duplicate Voltage Disparity≤1		3	Manual Reset	16.5	-
	High Side	8	30	Duplicate Voltage Disparity≤4		20	Manual Reset	35	

Flow Switch



Model	Connection	Switch Position	Waviness pipe/paddle	Paddles	Liquid Temperature	Highest Flow Pressure (kpa)
JS-01	1"11-1/2 NPT whorl connection	16(8)A. 240VAC	Phosphor bronze/stainless steel	With 1" ,2" and 3" paddles, 6" paddle as well without installation	0-121	1034

Model	Connecting size	Required to actuate switch (L/min)			
		Min.flow		Max.flow	
		Flow	Reducing Flow	Flow	Reducing Flow
TS-01	1	18	21	45	50

Vibration Absorber



Model	To Fit Copper Tube	
	Actual O.D.	
VE38	3/8	
VE12	1/2	
VE58	5/8	
VE34	3/4	
VE78	7/8	

Model	To Fit Copper Tube	
	Actual O.D.	
VE118	1-1/8	
VE138	1-3/8	
VE158	1-5/8	
VE218	2-1/8	
VE258	2-5/8	

Ball Valve



Model	Standard	With Schrader	ODF Connection Inch
SCV-11-2	Standard	SCV-11-2S	1/4
SCV-11-3	Standard	SCV-11-3S	3/8
SCV-11-4	Standard	SCV-11-4S	1/2
SCV-11-5	Standard	SCV-11-5S	5/8
SCV-11-6	Standard	SCV-11-6S	3/4
SCV-11-7	Standard	SCV-11-7S	7/8

Model	Standard	With Schrader	ODF Connection Inch
SCV-11-9	Standard	SCV-11-9S	1-1/8
SCV-11-11	Standard	SCV-11-11S	1-3/8
SCV-11-13	Standard	SCV-11-13S	1-5/8
SCV-11-17	Standard	SCV-11-17S	2-1/8
SCV-11-21	Standard	SCV-11-21S	2-5/8
SCV-11-25	Standard	SCV-11-25S	3

LT Solenoid Valve



Par No.	Model	Connection	
		Spec	Type
LTA3-2	Direct-Operated	1/4	SAE
LTA3-3	Direct-Operated	3/8	SAE
LTM8-3S	Servo-Operated	3/8	SAE
LTM8-4		1/2	SAE
LTM10-4		1/2	SAE
LTM10-5		5/8	SAE
LTM15-5		5/5	SAE
LTM15-6		3/4	SAE
LTM16-6S		3/4	ODF
LTM19-7S		7/8	ODF
LTM20-7S		7/8	ODF
LTM20-9S		1-1/8	ODF

Par No.	Model	Connection	
		Spec	Type
LTA3-2S	Direct-Operated	1/4	ODF
LTA3-3S	Direct-Operated	3/8	ODF
LTM8-3S	Servo-Operated	3/8	ODF
LTM8-4S		1/2	ODF
LTM10-4S		1/2	ODF
LTM10-5S		5/8	ODF
LTM15-5S		5/8	ODF
LTM15-6S		3/4	ODF
LTM25-9S		1-1/8	ODF
LTM25-11S		1-3/8	ODF
LTM32-11S		1-3/8	ODF
LTM32-13S		1-5/8	ODF
LTM40-13S		1-5/8	ODF

SG Series Sight Glass



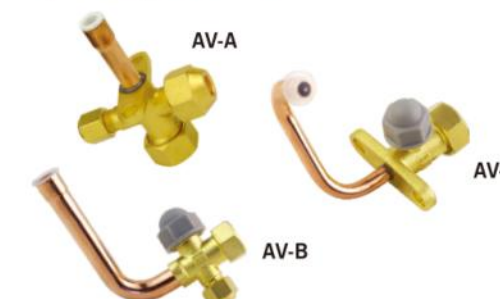
Flare	Femal	Solder	Size
SG14	SG14MF	SG14F	1/4"
SG38	SG38MF	SG38F	3/8"
SG12	SG12MF	SG12F	1/2"
SG58	SG58MF	SG58F	5/8"
SG34	SG34MF	SG34F	3/4"
SG78	SG78MF	SG78F	7/8"

HV Series Shut-off Valve(Hand Valve)



Model		Size
HV14	HV14S	1/4"
HV38	HV38S	3/8"
HV12	HV12S	1/2"
HV58	HV58S	5/8"

Split A/C Valve



Model			Tube	Connection Thread
AV-1A	AV-1B	AV-1C	1/4"-2WAY	7/16"-20UNF
AV-2A	AV-2B	AV-2C	3/8"-3WAY	5/8"-18UNF
AV-3A	AV-3B	AV-3C	1/2"-3WAY	3/4"-16UNF
AV-4A	AV-4B	AV-4C	5/8"-3WAY	7/8"-14UNF
AV-5A	AV-5B	AV-5C	3/4"-3WAY	1-1/16"-12UNF
AV-6A	AV-6B	AV-6C	7/8"-3WAY	1-3/16"-12UNF

XKVC Hot Gas Bypass Regulating XKVP Evaporative Pressure Regulating



Model	Nominal Refrigerating Capacity(kw)				Flare		ODF	
	R22	R134a	R404A/R507	R407C	in	mm	in	mm
XKVC12	7.6	4.8	6.9	8.4	1/2	12	1/2	12
XKVC15	14.9	9.4	13.6	16.4	5/8	16	5/8	16
XKVC22	19.1	12.0	17.4	21.0	-	-	7/8	22
XKVP12	4.0	2.8	3.6	3.7	1/2	12	1/2	12
XKVP15	4.0	2.8	3.6	3.7	5/8	16	5/8	16
XKVP22	4.0	2.8	3.6	3.7	-	-	7/8	22
XKVP28	8.6	6.1	7.7	7.9	-	-	1-1/8	28
XKVP35	8.6	6.1	7.7	7.9	-	-	1-3/8	38

4-Way Reversing Valve



Part No.	Connection(ODF)	Reference Capacity for R22	Nominal Capacity(kw)
DSF-4	Discharge: 5/16", suction: 3/8"	0.75~1.5HP	4
DSF-9	Discharge: 3/8", suction: 1/2"	1.5~3.5HP	9
DSF-11	Discharge: 1/2", suction: 5/8"	2.5~4.0HP	11
DSF-20	Discharge: 1/2", suction: 3/4"	4~6HP	20
SW-01	Power supply: 220V, 50/60Hz, 6W/5W		Coil

Thermal Expansion Valve



Model	Refrigerant	Pressure-Equalizing Pipe	Capillary	Connection Inlet x Outlet		Code No.					
						N Series -40~+10°C		Nm Series -40~-5°C		B Series -60~-25°C	
						With MOP	Without MOP	With MOP	Without MOP	With MOP	Without MOP
TX2	R22	Internal Balance	1.5	3/8x1/2	10x12	06873206	06823208	068Z3224	068Z3226	068Z3207	06873228
TEX2		External Balance	1.5	3/8x1/2	10x12	06873209	06823211	068Z3225	068Z3227	068Z3210	06873229
TZ2	R407C	Internal Balance	1.5	3/8x1/2	10x12	068Z3496	068Z3516				
TEZ2		External Balance	1.5	3/8x1/2	10x12	068Z3501	068Z3517				
TN2	R134A	Internal Balance	1.5	3/8x1/2	10x12	06873346	06873347	068Z3393	068Z3369		
TEN2		External Balance	1.5	3/8x1/2	10x12	068Z3348	068Z3349	068Z3392	068Z3370		
TS2	R404A/R507	Internal Balance	1.5	3/8x1/2	10x12	068Z3400	068Z3402	068Z3406	068Z3408	068Z3401	068Z3410
TES2		External Balance	1.5	3/8x1/2	10x12	06823403	06873405	068Z3407	068Z3409	06823404	068Z3411

Check Valve



Type	O.D. (inch)	Valve Dia D(mm)
CV-6	3/8	22
CV-8	1/2	22
CV-10	5/8	22
CV-12	3/4	29
CV-14	7/8	29
CV-18	1-1/8	54
CV-22	1-3/8	54
CV-26	1-5/8	54
CV-34	2-1/8	92
CV-42	2-5/8	105

Orifice of Expansion Valve



Model	Orifice of Valve
LEV-00X	00
LEV-000	0
LEV-001	1
LEV-002	2
LEV-003	3
LEV-004	4
LEV-005	5
LEV-006	6

Cut-off Valve



Model	O.D. Size		Connection Thread
	inch	mm	
SCV-04-1	3/8"	φ10	1"-14UNS
SCV-04-2	1-1/8"	φ28	1-3/4"-12UN
SCV-04-3	1-3/8"	φ35	1-3/4"-12UN
SCV-04-4	3/4"	φ19	1"-1/4"-12UNF
SCV-04-5	7/8"	φ22	1"-1/4"-12UNF
SCV-04-6	1/2"	φ12	1"-14UNS
SCV-04-7	7/8"	φ22	1-3/4"-12UN
SCV-04-8	5/8"	φ16	1"-14UNS
SCV-04-9	5/8"	φ16	1-1/4"-12UNF

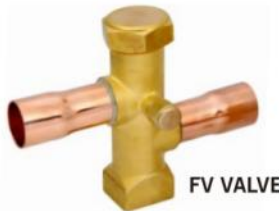


Model		O.D. Size		
Tin Coating	Copper Coating	inch	mm	Connection Thread
SCV-05-1	SCV-07-9	5/8"	φ16	1"-14UNS
SCV-05-2	SCV-07-8	5/8"	φ16	1-1/4"-12UNF
SCV-05-3	SCV-07-5	7/8"	φ22	1-1/4"-12UNF
SCV-05-4	SCV-07-6	1/2"	φ12	1"-14UNS
SCV-05-5	SCV-07-2	1-1/8"	φ28	1-3/4"-12UN
SCV-05-6	SCV-07-1	3/8"	φ10	1"-14UNS
SCV-05-7	SCV-07-3	1-3/8"	φ35	1-3/4"-12UN
SCV-05-8	SCV-07-4	3/4"	φ19	1-1/4"-12UNF
SCV-05-9	SCV-07-7	7/8"	φ22	1-3/4"-12UN

Cut-off Valve



Model		A(mm)
J3A22-7/8	J3B22-7/8	7/8
J3A28-1-1/8	J3B28-1-1/8	1-1/8
J3A35-1-3/8	J3B35-1-3/8	1-3/8
J3A42-1-5/8	J3B42-1-5/8	1-5/8



Model	Size
MVA-2W12	1/2",two way
MVA-2W34	3/4",two way
MVA-3W12	1/2",three way
MVA-3W34	3/4",three way

Angle Type Check Valve



Model	ODF (inch)	H1 (mm)	H2 (mm)	L1 (mm)	L2 (mm)	φD (mm)	Pressure drop across valve Δp1/bar	Kv Value m³/h
LZV-14L	7/8	107	47	17	102	41	0.04	8.5
LZV-18L	1-1/8	113	48	20	109	41	0.04	19.0
LZV-22L	1-3/8	130	70	25	133	54	0.04	29.0
LZV-26L	1-5/8	146	68	30	147	54	0.04	32.0

Valve



LTV21	LTV31
1/2"- 5/8"	1/4",5/16",3/8"



LTV22	LTV32
1/2"- 5/8"	1/4",5/16",3/8"

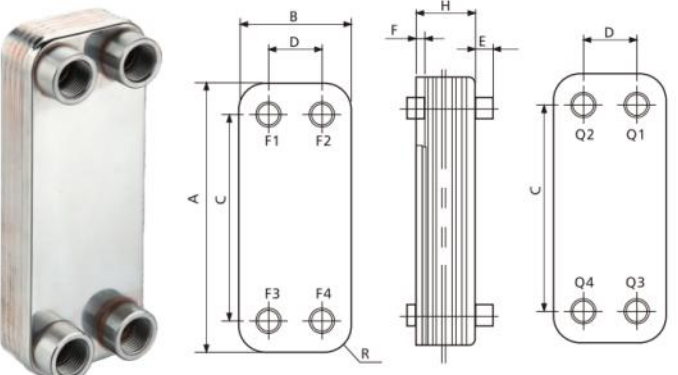


LTV2
3/8"- 1-3/8"



LTV25
LTV-2, 25 feet X 1/4" O.D.

Brazen Plate Heat Exchanger



Model Description		cULus
B	A	
3 - 95	60 - 3.0	
Design pressure (Mpa)		
Number of plate		
Fluids direction, A,C for parallel channels B for diagonal channels, DW for double wall		
Unit heat exchanger area (0.001m²)		
3 for copper brazing, 4 for nickel brazing		
Brazen Plate Heat Exchange		



Rubber Ground Base

Independent modular ground support for outdoor units and VRV/VRF systems.

Model	L*H*P(mm)	Max(kg)	Range
S-610	1000*415*1200	300	44714
S-615	2000*415*1200	600	73800
S-618	3000*415*1200	800	107861



Mini-Split Stand

Model	Specification(mm)
SS-19	850*480*400 1.5mm



Bracket

Material: Cold rolled steel / hot dipped steel / stainless steel.

Size/Thickness/Color: Can customize

Model	Specification (mm)	Thickness (mm)	N.W (kg)	Loading (kg)
TB-125A	100*500*80	2.0	2.0	250



Bracket

Model	Description	Dimension (mm)	Max Installation Weight (Kg)	Max Installation Dimension (cm) L*W	Net Weight (Kg)/set
A205J	201 # stainless steel 1-2hp ground bracket	573*424	60	32	0.9
A206J	201 # stainless steel 3-5hp ground bracket	673*524	120	42	1.1

Bracket

Model	Description	Dimension (mm)	Max Installation Weight (Kg)	Max Installation Dimension (cm) L*W	Net Weight (Kg)/set
MA204J	201 # stainless steel 1-1.5hp welded bracket	430*410 (thicken)	50	34.5	1.6
MB204J	201 # stainless steel 1-1.5hp welded bracket	430*410	45	34.5	1.25
MB207J	201 # stainless steel 2-5hp welded bracket	540*580	60	40	2.6
MB208J	201 # stainless steel 3-5hp welded bracket	580*670	120	50	3.8

Air Conditioner Bracket

Material: ABS

Feature: High Temperature Resistance

Model	Material
BRA-NJZJ	Stainless steel



Stainless Steel Bracket

Model	Description	Dimension (mm)	Max Installation Weight (Kg)	Max Installation Dimension (cm) L*W	Net Weight (Kg)/set
M1	M series 304# stainless steel 1-2hp bracket	740*460*483	55	60*34	3.5
M2	M series 304# stainless steel 2-3hp bracket	1100*550*483	70	75*47	5.6



Floor Bracket

Model	Specification(mm)	Range
430-35	350*95	1.0-2.0HP
430-45	450*95	2.0-3.0HP



Roof Bracket

Model	Specification(mm)	Thickness(mm)	Range
DWG-01	800*560*560	2.0	1.0-2.0HP
RBA-450	800*450*450	2.0	1.0-3.0HP
RBA-550	800*550*550	2.0	1.0-3.0HP



Steel Bracket

Model	Specification(mm)	Thickness(mm)	Range
BRA-550	500*500	2.0	1.0-2.0HP
BRA-560	500*600	2.0	1.0-3.0HP



Steel Bracket

Model	Specification(mm)	Thickness(mm)	Range
BRA-100	390*450	1.5	1.0-1.5HP
BRA-1009	400*450	1.5	1.0-2.0HP
BRA-1010	400*550	1.8	2.0-3.0HP
BRA-300	390*400	1.5	1.0-1.5HP
BRA-3001	420*450	1.5	1.0-2.0HP



Angle Iron Bracket

Model	Specification(mm)	Range
BRA-1.5P	460*460	1.0-1.5HP
BRA-2P	500*500	2.0HP
BRA-3P	560*560	3.0HP





Steel Bracket

Model	Specification(mm)	Range
BRA-4000	420*312	1.5-2HP
BRA-4001	500*500	2-2.5HP
BRA-4002	600*500	3-5HP
BRA-4003	485*515	3-5HP



Steel Bracket

Model	Specification(mm)	Thickness(mm)	Range
BRA-200	790*390*450	1.5	1.0-1.5HP
BRA-2001	790*390*450	2.0	1.0-2.0HP
BRA-2002	790*390*550	2.0	2.0-3.0HP



Floor Bracket

Material: Galvanized steel

Surface treatment: Epoxy resin powder coating UV durable

Model	Specification(mm)	Thickness(mm)
SS-20	Min900-Max1200 adjustable*620*320	2



Floor Bracket Double Deck

Material: Galvanized steel

Surface treatment: Epoxy resin powder coating UV durable

Model	Specification(mm)	Thickness(mm)
SS-21	Min900-Max1200 adjustable*620*860	2



Size Adjustable Floor Bracket

Material: Galvanized steel

Surface treatment: Epoxy resin powder coating UV durable

Model	Specification(mm)	Thickness(mm)
SS-22	850 x Min240-Ma x 370 adjustable x Min380-Max480 adjustable	1.5



Size Adjustable Floor Bracket

Material: Galvanized steel

Surface treatment: Epoxy resin powder coating UV durable

Model	Specification(mm)	Thickness(mm)
SS-23	Min520-Max1000 adjustable x 420 x 400	1.5



Ceiling Mounting Bracket

Material: Galvanized steel

Surface treatment: Epoxy resin powder coating UV durable

Model	Horizontal strut (mm)	Vertical strut (mm)	Ceiling mounting strut (mm)	Thickness(mm)
SS-24	500	630	700	1.5
SS-25	500	680	700	1.5



A/C Outdoor Unit Lift

Material: Galvanized steel

Surface treatment: Epoxy resin powder coating UV durable

Model	Length (mm)	Height (mm)	Cable length (mm)	Loading (kg)	Dimension (mm)
DZ-1	850	1650	20	250	1022*215*192



A/C Outdoor Unit Protective Housing

Material: Galvanized steel

Surface treatment: Epoxy resin powder coating UV durable

Model	Length (mm)	Width (mm)	Front height (mm)	Rear height (mm)
KTZ-A	1000	500	730	850



Condenser Water Tray

Material: Galvanized steel

Surface treatment: Epoxy resin powder coating UV durable

Model	Length (mm)	Width (mm)	Height (mm)
U040C	790	350	30
U041C	930	350	30
U041C	970	350	30



APS-450

Rubber Ground Base

Model	BW(kg)	Package
APS-450	400	4pcs rubber mount. 8 pcs nut. 8 pcs washer.
AP-500	500	
AP-600	600	
AP-1000	800	



HVAC Umbrella

LT-MUKIT-P / LT-MUKIT

Strong Magnetism: Heavy duty magnets firmly attach to metal surface.

Package Include: 60" Umbrella, Adjustable base, Magnetic base, Tripod, Water bag, Hex nut, Screws, Screwdriver.

Air Conditioner Duct



Model	Product Name	Include
PVC-110120	12"line set cover Kit Include	3 x 4" long line tube,2 x couples 1 x wall inlet,1 x ending Fitting 1 x 90° elbow Horizontal
PVC-76100	Duct or pipe cover line set	76*62mm*1m 4 x straight pipes, 1 x cap,4 x connectors, 1 x adjustable elbow, 1 x vertical elbow, 1 x tail connector,1 x flexible hose, zip ties, instructions, and screws.

Rubber Mount



Insulation Pipe



I.D.(inch)	ITEM Thickness 3/8"	ITEM Thickness 1/2"	ITEM Thickness 3/4"	ITEM Thickness 1"
1/4	IP1438	IP1412	IP1434	IP141
3/8	IP3838	IP3812	IP3834	IP381
1/2	IP1238	IP1212	IP1234	IP121
5/8	IP5838	IP5812	IP5834	IP581
3/4	IP3438	IP3412	IP3434	IP341
7/8	IP7838	IP7812	IP7834	IP781
1	IP138	IP112	IP134	IP11
1-1/8	IP11838	IP11812	IP11834	IP1181
1-1/4	IP11438	IP11412	IP11434	IP1141
1-3/8	IP13838	IP13812	IP13834	IP1381
1-5/8	IP15838	IP15812	IP15834	IP1581
1-7/8	IP17838	IP17812	IP17834	IP1781
2	IP238	IP212	IP234	IP21
2-1/8	IP21838	IP21812	IP21834	IP2181
2-3/8	IP23838	IP23812	IP23834	IP2381
2-5/8	IP25838	IP25812	IP25834	IP2581
2-7/8	IP27838	IP27812	IP27834	IP2781
3	IP338	IP312	IP334	IP31
3-1/8	IP31838	IP31812	IP31834	IP3181
3-1/2	IP31238	IP31212	IP31234	IP3121

PVC Electrical Insulation Tape

Flexible backing for a snug fit and secure grip.

Model	PETB-A1920B
Size	0.19mm*19mm*20m
Description	Self-Adhesive
Voltage Capacity	up to 600 Volts
Temperature Resistance	up to 176°F (80°C)

To be adjusted as per specific requirement.

Foam Tape

Model	RI-350		
Material	High density vinyl	Resistance	Weather, oxidation, and fungus resistant
Function	Prevents pipe sweating and reduces heat loss	Density	7 lbs./cu. ft. (112 Kg/M³)
Temperature Range	-40 to 180°F / -40 to 80°C	Tensile Strength	25 PSI
Thermal Conductivity	0.27 BTU/Hr. (sq. ft.) - °F/Inch	Packaging	Individually boxed
Water Absorption	1.1%	Size	3mm*50mm*10m Roll

To be adjusted as per specific requirement.

Cork Insulation Tape

Model	BTP-350	Water Absorption	0.02%
Material	Synthetic rubber, asphalt, and granulated cork	Composition	No asbestos content
Function	Prevents condensation, seals pipes and fittings	Resistance	Prevents rust
Temperature Range	-20 to 160°F / -29 to 71°C	Adhesion	Adheres easily to metals and itself
Thermal Conductivity	1.26 BTU/Hr. (sq. ft.) - °F/Inch	Size	3mm*50mm*9.14m Roll

To be adjusted as per specific requirement.

Aluminum Tape

Model	AF50-5.0*45		
Thickness	90 Micron / 3.6 Mil	Adhesive	High performance for permanent sealing
Temp Range	-22 to 248°F / -30 to 120°C	Application	HVAC duct work joints and seams
Material	High tensile strength aluminum foil	Aging Resistance	Indoor and outdoor use
Reflectivity	Excellent heat and light reflection	Size	50U*50mm*45m

To be adjusted as per specific requirement.

Duct



1. Single side aluminium thickness: 0.023-0.026mm
2. Double side aluminium thickness: 0.035-0.037 mm
3. PVC Thickness: 0.1 mm
4. Standard Length: 10m
5. Temperature Range: 0°C~ + 80°C
6. Max Air Flow: 30m/s
7. Max Working Pressure: 2500pa
8. Color: black, gray, white



1. Inner single/double side aluminium foil thickness: 0.025-0.027 mm/ 0.032-0.035mm
2. Outer jacket single side aluminium foil thickness: 0.023-0.025mm
3. Fibreglass color: yellow



1. Double side aluminium foil thickness: 0.032~0.035mm
2. Single side aluminium foil thickness: 0.023~0.026mm
3. Temperature range: -30°C ~ +140°C
4. Max air flow: 30m/s
5. Max pressure: 2500pa
6. Standard length: 10m

Environment-friendly Insulated Duct

Polyester			
Construction (From outside to inside)	Sleeve		Aluminum Foil/Glass Fabric/Combi PVC/VMPET
	Fiberglass/Polyester	Density/Gram Weight	100g/m ² -750g/m ²
	Inner Duct	Material	Double layer Aluminum Flexible Duct/VMPET Flexible Duct
		Diameter	50mm-650mm(2"-25")
Carbon Steel Wire Diameter			0.9mm-1.3mm
Length			10m(Max)
Thermal Insulation			R1.0-R3.0
Fire Resistance			Class A2(Max)
Compress Ratio			10:1
Temperature Range			-30°C~+150°C
Operating Pressure			3000Pa
Maximum Air Velocity			30m/s

PVC Flexible Duct

Model	Specification	Steel wire spacing(mm)
FD02.5P	2.5"x10m	15
FD03P	3"x10m	20
FD04P	4"x10m	30
FD05P	5"x10m	30
FD06P	6"x10m	35
FD06.5P	6.5"x10m	35
FD08P	8"x10m	40
FD10P	10"x10m	45
FD12P	12"x10m	45
FD12.5P	12.5"x10m	45
FD14P	14"x10m	45
FD16P	16"x10m	45
FD18P	18"x10m	45
FD20P	20"x10m	45

Insulated Duct

Model	Specification	Steel wire spacing(mm)
FD03SI/FD03DI	3"x7.5m 16k x 30mm	20
FD04SI/FD04DI	4"x7.5m 16k x 30mm	30
FD05SI/FD05DI	5"x7.5m 16k x 30mm	30
FD06SI/FD06DI	6"x7.5m 16k x 30mm	35
FD06.5SI/FD06.5DI	6.5"x7.5m 16k x 30mm	35
FD08SI/FD08DI	8"x7.5m 16k x 30mm	40
FD10SI/FD10DI	10"x7.5m 16k x 30mm	45
FD12SI/FD12DI	12"x7.5m 16k x 30mm	45
FD14SI/FD14DI	14"x7.5m 16k x 30mm	45
FD16SI/FD16DI	16"x7.5m 16k x 30mm	45
FD18SI/FD18DI	18"x7.5m 16k x 30mm	45
FD20SI/FD20DI	20"x7.5m 16k x 30mm	45

Flexible Duct

Model	Specification	Steel wire spacing(mm)
FD03S/FD03D	3"x10m	15
FD04S/FD04D	4"x10m	20
FD05S/FD05D	5"x10m	30
FD06S/FD06D	6"x10m	30
FD06.5S/FD06.5D	6.5"x10m	35
FD08S/FD08D	8" x10m	35
FD10S/FD10D	10"x10m	40
FD12S/FD12D	12"x10m	45
FD12.5S/FD12.5D	12.5"x10m	45
FD14S/FD14D	14"x10m	45
FD16S/FD16D	16"x10m	45
FD18S/FD18D	18"x10m	45
FD20S/FD20D	20"x10m	45

Ventilation Curved Frame AG-4CC



Flush Surface Frame AG-4CF-a



Square Diffusers CD-SA4FB



Door/Transfer Grille DG-A



Openable, but Without Filter AGF-F



Opposed Blade Dampers OBD-PSS OBD-A-PSS



Double Deflection Flush Surface Frame AG-DF Series



Linear Slot Diffusers LSD-B



Side Wall Register (SW)~2SW LT-002 Series



Side Wall Register (SW)~2SW LT-003 Series



Curved Blade Register (CB)~1CB LT-005 Series



Floor Register LT-024 Series



Copper Tube



Refrigeration Tubes as Per ASTM B 280 In Coils Soft Temper

Ends capped, shrink-wrapped in a bag, and packed in a cardboard box.

Model	Outside Diameter (inch)	Outside Diameter (mm)	Thickness (inch/mm)	Nominal Weight kgs (15 metres)	Nominal Weight kgs (15.24 metres)
COIL3-16	3/16	4.76	0.030/0.76	1.28	1.30
COIL1-4	1/4	6.35	0.030/0.76	1.78	1.81
COIL5-16	5/16	7.94	0.032/0.81	2.43	2.46
COIL3-8	3/8	9.52	0.032/0.81	2.97	3.01
COIL1-2	1/2	12.70	0.032/0.81	4.04	4.11
COIL5-8	5/8	15.87	0.035/0.89	5.60	5.69
COIL3-4	3/4	19.05	0.035/0.89	6.79	6.90
COIL7-8	7/8	22.23	0.045/1.14	9.99	10.15

ARC Level Wound Coil (LWC) Tube

Standard according to ASTM B360

*Production range of level wound coil: φ3.8-28.57x0.28-1.50mm

Model	O.D (inch)	Thickness (inch/mm)	O.D (mm)	Thickness (inch/mm)
LWC3-16	3/16	0.030	4.76	0.76
LWC1-4	1/4	0.030	6.35	0.76
LWC5-16	5/16	0.032	7.94	0.81
LWC3-8	3/8	0.032	9.52	0.81
LWC1-2	1/2	0.035	12.7	0.889
LWC5-8	5/8	0.040	15.88	1.016

Capillary Tube

Model	I.D (inch)	O.D (inch)	Length
CAP26	.026	.072	100ft.
CAP31	.031	.083	100ft.
CAP36	.036	.087	100ft.
CAP42	.042	.093	100ft.
CAP44	.044	.109	100ft.
CAP49	.049	.099	100ft.
CAP50	.050	.114	100ft.
CAP54	.054	.106	100ft.
CAP55	.055	.125	100ft.
CAP59	.059	.112	100ft.
CAP64	.064	.125	100ft.
CAP70	.070	.125	100ft.
CAP75	.075	.125	100ft.
CAP80	.080	.145	100ft.
CAP85	.085	.145	100ft.
CAP90	.090	.145	100ft.

Refrigeration Tubes as Per ASTM B 280 Straight Lengths Hard Temper

Ends capped, shrink-wrapped in a bag, and packed in a cardboard box.

Model	Outside Diameter (inch)	Outside Diameter (mm)	Thickness (inch/mm)	Nominal Weight kgs (5.8 metres)	Nominal Weight kgs (6 metres)
TUBE38	3/8	9.52	0.030 0.76	1.08	1.12
TUBE12	1/2	12.70	0.035 0.89	1.71	1.77
TUBE58	5/8	15.88	0.040 1.02	2.46	2.55
TUBE34	3/4	19.05	0.042 1.07	3.12	3.23
TUBE78	7/8	22.23	0.045 1.14	3.90	4.04
TUBE1-18	1-1/8	28.58	0.050 1.27	5.63	5.83
TUBE1-38	1-3/8	43.93	0.055 1.40	7.62	7.89
TUBE1-58	1-5/8	41.28	0.060 1.52	9.81	10.15
TUBE2-18	2-1/8	53.98	0.070 1.78	15.09	15.61
TUBE2-58	2-5/8	66.68	0.080 2.03	21.31	22.05
TUBE3-18	3-1/8	79.38	0.090 2.29	28.67	29.66
TUBE3-58	3-5/8	92.08	0.100 2.54	36.93	38.21
TUBE4-18	4-1/8	104.78	0.110 2.79	46.21	47.8

Copper Tube



Specifications

Phosphorus deoxidised copper tubes (alloy 12200):
K, L, M types according to ASTM B-88

Temper:

- Hard: in straight lengths, up to 50ft
- Soft: in pancake coils, up to 100ft, DWV according to ASTM B-306

Insulated Copper Tube

Model	outside diameter(mm) wall thickness(mm)	Insulating thickness(mm)	Carton dimensions 30m/ carton
ICOIL1/4-3/8	6.35x0.80-9.53x0.80	9	68x68x18
ICOIL1/4-1/2	6.35x0.80-12.70x0.80	9	70x70x19
ICOIL1/4-5/8	6.35x0.80-15.88x1.00	9	83x83x22
ICOIL3/8-1/2	9.53x0.80-12.70x 0.80	9	72x72x19
ICOIL3/8-5/8	9.53x0.80-15.88x1.00	9	83x83x 22
ICOIL3/8-3/4	9.53x0.80-19.05x1.00	9	87x87x22
ICOIL1/2-3/4	12.70x0.80-19.05x1.00	9	87x87x22

* Single coil specifications: O.D.1/4"~3/4"; L: 15m/30m/50m

Rubber Foam Insulated Copper Pipe

Model	Copper Pipe O.D(mm)	Coller Pipe Thickness(mm)	Length (m)	Copper Nut	Performance
1/4	6.35	0.35~1.22mm Optional	3~50m Optional	Optional	High temperature resistance 120°C+ flame retardant
3/8	9.52				
1/2	12.7				
5/8	15.88				
3/4	19.5				

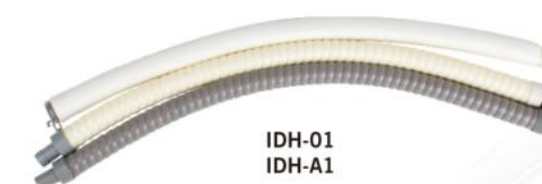
Insulated Pair Coil



Accessories

- Drain pipe (dia.16mmx3m)
- PVC tape adhesive (18mmx0.13mmx10m)
- PVC tape non-adhesive (50mmx0.15mmx20m)
- Electrical wire
- Plaster (200g)

Insulated Drain Hose



Air Conditioner Universal Hanging Board



- Insulation pad (300x200mm)
- Peg (4pcs)
- Wall entry fitting
- Pipe tie
- Various international safety certifications

Copper Fitting ANSI B16.22-2001



Coupling CxC



Mueller Style: WC-400NS
Elkhart Style: 101
Nibco Style: 9601
COUPLING-
NO STOP (LT-31)



Mueller Style: WC-400
Elkhart Style: 100
Nibco Style: 9600-RS
COUPLING-
ROLLED STOP (LT-32)



Mueller Style: WC-400S
Elkhart Style: 100
Nibco Style: 9600-DS
COUPLING-
STAKED STOP (LT-33)

Coupling - Reducing



Mueller Style: WC-400R
Elkhart Style: 101-R
Nibco Style: 9600
LT-34 CxC



Mueller Style: WC-403
Elkhart Style: 118
Nibco Style: 9600-2
LT-35 FTGxC

45° Elbow



Mueller Style: WE-504
Elkhart Style: 106
Nibco Style: 9606
LT-54 CxC



Mueller Style: WE-505
Elkhart Style: 106-2
Nibco Style: 9606-2
LT-55 FTGxC



Mueller Style: WE-500
Elkhart Style: 107-C
Nibco Style: 9606-1
LT-81 CxC



Mueller Style: WE-503
Elkhart Style: 107-C-2
Nibco Style: 9606-2
LT-82 FTGxC

90° Elbow-Close Rough

90° Elbow-Long Radius



Mueller Style: WE-500L
Elkhart Style: 107-L
Nibco Style: 9607-LT
LT-85 CxC



Mueller Style: WE-503L
Elkhart Style: 107-L-2
Nibco Style: 9607-2-LT
LT-86 FTGxC

Cross-Over Coupling



Mueller Style: WT-603
LT-92 CxC

Suction Line P-Trap



Mueller Style: WE-554P
Elkhart Style: 123
Nibco Style: 9698
LT-91 CxC

Cap



Mueller Style: WE-415
Elkhart Style: 117
Nibco Style: 9617
LT-23 C

Adapter

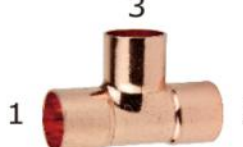


Mueller Style: WC-401
Elkhart Style: 104
Nibco Style: 9604
LT-16 CxM



Mueller Style: WC-402
Elkhart Style: 102
Nibco Style: 9603
LT-11 CxF

Tee



Mueller Style: WC-600
Elkhart Style: 111
Nibco Style: 9611
LT-61 CxCxC(1x2x3)

Return Bend



Mueller Style: WE-512
Elkhart Style: 138
Nibco Style: 9638
LT-01 CxC

Union



Mueller Style: WE-407
Elkhart Style: 4733
Nibco Style: 9633
LT-12 CxC

Cross-Forged Brass



Nibco Style: WT-603
LT-41 CxCxCxC

Copper Solder Fitting

Coupling-Rolled Stop



Coupling-Rolled Stop
LT-32L CxC



Coupling-No Stop
LT-31L CxC

Solder Ring Adapter



Male Adapter
LT-16L CxM



Female Adapter
LT-11L CxF

Solder Ring Coupling Reducing



Reducing Coupling
LT-34L CxC



Fitting Coupling
LT-35L FTGxC

Solder Ring 45° Elbow



LT-54L CxC



LT-55L FTGxC

Solder Ring 90° Elbow-Short Radius



LT-81L CxC



LT-82L FTGxC

Solder Ring 90° Elbow-Long Radius



LT-85L CxC

Cap



LT-23L C

Solder Ring Tee



LT-61L CxCxC(1x2x3)



LT-61L CxCxC(1x2x3)



LT-61L CxCxC(1x2x3)



LT-61L CxCxC(1x2x3)

Copper Solder Fitting



EN-32L



EN-34L



EN-54L



EN-35L



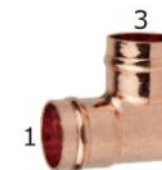
EN-85L



LT-16



LT-17



EN-61L



EN-62L

Copper Fitting EN1254-1/BS864-2

Coupling-Round Stop



EN-32 FxF
NO: 5270

Coupling-Reducing



EN-35 MxF NO: 5243
EN-34 FxF NO: 5240

Cross-Over Coupling



EN-92 FxF
NO: 5085

Cross-Over Street Coupling



EN-93 MxF
NO: 5086

Cap



EN-23 F
NO: 5301

Bent Tap Connector



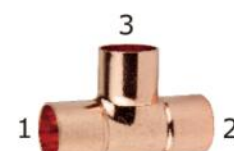
EN-72 FxFI
NO: 5063

Straight Tap Connector



EN-71 FxFI
NO: 5062

Tee



EN-61 FxFxF(1x2x3)
NO: 5130; 5130R

45° Elbow



EN-54 FxF
NO: 5041

90° Elbow-Close Rough



EN-55 MxF
NO: 5040



EN-81 FxF
NO: 5090



EN-82 MxF
NO: 5092

90° Elbow-Long Radius



EN-85 FxF
NO: 5002a



EN-86 MxF
NO: 5001a

AS3688 Standard Copper Fitting



LT-XS1



LT-XS2



LT-XS4



LT-XS8



LT-XS3



LT-XS5



LT-XS6



LT-XS7



LT-XS9

Copper Fitting AS3688

Push-Fit Fitting



Coupling



Reducing Coupling



Reducer



Elbow 45°



Elbow 45°
Male & Female



Elbow 90°



Elbow 90°
Male & Female



Adaptor F



Adaptor M



Tee



Cap

Copper & Nickle Special Fitting For Marine Application



LTP1001
1/2"~2"



LTP2001
1/2"~2"



LTP3001
15mm~159mm



LTP4001
1/2"~2"

Push-Fit Brass Fitting



C-C Coupler



C-C Elbow



C-C Coupler



FI-C Coupler



MI-C Elbow



Equal Tee



FI-C Elbow



Wallplate Elbow

Brass Push Fit Fitting



Straight Coupling



Model 101
3/8"~2"

FT Adaptor Coupling



Model 103
3/8"x3/8"FT~2"x2"FT

FT Red. Adaptor Coupling



Model 105
3/8"x1/2"FT~1"x3/4"FT

Reducer Coupling



Model 102
1/2"x3/8"~2"x1-1/2"

Slip/Repair Coupling



Model 107
1/2"~2", 1/2"x1/2"MT

MT Adaptor Coupling



Model 104
3/8"x3/8"MT~2"x2"MT

MT Red. Adaptor Coupling



Model 106
3/8"x1/2"MT~1"x3/4"MT

Spigot Extension



Model SE
1/2"x1/2"CTS~1"x1"CTS

45° Elbow



Model 205
3/8"~2"

45° FT Adaptor Elbow



Model 208
1/2"x1/2"FT~1"x1"FT

90° Elbow



Model 201
3/8"~2", 1/2"~3/4"

90° Reducing Elbow



Model 202
1/2"x3/8"~2"x1-1/2"

End Cap



Model 501
3/8"~2"

90° FT Adaptor Elbow



Model 203
3/8"x3/8"FT~1"x1"FT

90° MT Adaptor Elbow



Model 204
3/8"x3/8"MT~1"x1"

90° FT Red. Adaptor Elbow



Model 206
1/2"x3/4"FT~3/4"x1"FT

Equal Tee



Model 301
3/8"~2"

FT Adaptor Tee



Model 306
3/8"x3/8"x3/8"FT~1"x1"x1"FT

FT Adaptor Cross



Model 401
3/8"x3/8"MT~1"x1"

90° FT Adaptor Elbow Drop-Ear



Model 207
1/2"x1/2"FT~3/4"x3/4"FT

FT Red. Adaptor Tee



Model 321
3/4"x3/4"FTx1/2"

Reducing Tee



Model 302
3/8"x3/8"x1/2"FT~2"x2"x1-1/2"FT

MT Adaptor Tee



Model 307
3/8"x3/8"x3/8"MT~1"x1"x1"MT

CP Red. Adaptor Tee



Model 341
1/2"x1/2"FTx1/4"CP

Copper Push



Straight Coupling



Model T101
3/8"~2"

FT Adaptor Coupling



Model T103
3/8"x3/8"FT~2"x2"FT

FT Red. Adaptor Coupling



Model T105
1/2"x3/4"FT~1"x3/4"FT

Reducer Coupling



Model T102
1/2"x3/8"~2"x1-1/2"

MT Adaptor Coupling



Model T104
3/8"x3/8"MT~2"x2"MT

MT Red. Adaptor Coupling



Model T106
1/2"x3/4"MT~3/4"x1"MT

Slip/Repair Coupling



Model T107
1/2"~2"

90° Elbow



Model T201
3/8"~2"

90° Reducing Elbow



Model T202
3/4"x1/2"~2"x1-1/2"

Spigot Extension



Model TSE
1/2"x1/2"CTS~1"x1"CTS

90° FT Adaptor Elbow, Drop-Ear



Model T203
1/2"x1/2"FT~1"x1"FT

90° MT Adaptor Elbow



Model T204
1/2"x1/2"MT~1"x1"MT

End Cap



Model T501
3/8"~2"

Equal Tee



Model T301
3/8"~2"

Reducing Tee



Model T302
1/2"x1/2"x3/4"~2"x2"x1-1/2"

90° Elbow



Model T205
3/8"~2"

FT Adaptor Tee



Model T306
1/2"x1/2"x1/2"~3/4"x3/4"x3/4"FT

MT Adaptor Tee



Model T307
1/2"x1/2"x1/2"MT~3/4"x3/4"x3/4"MT

Stainless Steel Fitting

Straight Coupling



Model 101S
1/2"~1"

FT Adaptor Coupling



Model 103S
1/2"x1/2"FT~1"x1"FT

90°FT Adaptor Elbow



Model 203S
1/2"x1/2"FT~1"x1"FT

Reducer Coupling



Model 102S
3/4"x1/2"~1"x3/4"

MT Adaptor Coupling



Model 104S
1/2"x1/2"MT~1"x1"MT

90°MT Adaptor Elbow



Model 204S
1/2"x1/2"MT~1"x1"MT

Spigot Extension



Model SSE
1/2"~1"

90°Elbow



Model 201S
1/2"~1"

90°FT Adaptor Elbow, Drop-Ear



Model 207S
1/2"x1/2"FT

End Cap



Model 501S
1/2"~1"

45°Elbow



Model 205S
1/2"~1"

Equal Tee



Model 301S
1/2"~1"

ZG Series Cast-Iron Fitting



Brass Fitting



JV41



JV42



JV47



JV44



JV40



JV43

JV4004
JV4005

Disperse Pipes by Brand



Hitachi Type



Mitsubishi Type



McQuay Type



Haier Type



Daikin Type



Daikin Type



Daikin Type



Samsung Type



Fujitsu Type



LG Type



Sanyo Type



Sanyo Type

AC Pipe Fittings Series (Customizable)



Access Fitting



UB-4
U-Bend



CO-4
Cross Over
Return Bend



TR-4
Tripod Return Bend



TU-4
Top Open U-Bend



TW-4
Three-Way Tube



FT-4
F-Three Tube



DC-4
Distribute Connector



FT-4
U-Type Strap



MG-10
Capillary With Nuts



LD-4
Liquid Distributor



LN-4
Long Nut



SN-4
Short Nut



LN-4
Union



UT-4
Union Tee



UE-4
Union Elbow



VC-4R
Core Removers

Model	Size
UB-4	1/4"
UB-5	9/32"
UB-6	5/16"
UB-8	3/8"
UB-10	1/2"
UB-12	5/8"
CO-4	9/32"
CO-5	5/16"
CO-6	3/8"
CO-8	1/2"
TR-4	1/4"
TR-5	9/32"
TR-6	5/16"
TR-8	3/8"
TR-10	1/2"
TR-12	5/8"
TU-4	5/16"
TU-5	3/8"
TU-6	1/2"
TW-4	5/16"
TW-5	3/8"
TW-6	1/2"
FT-4	5/16"
FT-5	3/8"
FT-6	1/2"
DC-4	9.52x9.52/2
DC-5	12.7x12.7/2
DC-6	19x16/2
DC-8	25.4x 19/2
DC-10	32x25.4/2
DC-12	38x38/2
UTS-4	1/2"
UTS-5	5/8"
UTS-6	7/8"
UTS-8	1-1/8"
UTS-10	1-3/8"
UTS-12	1-5/8"
UTS-14	2-1/8"
MG-15	3x0.5x1500
MG-12	3x0.5x1200
MG-10	3x0.5x1000
LD-4	16x6.35/3
LD-5	16x6.35/4
LD-6	16x6.35/5
LD-8	16x6.35/6
LD-10	16x6.35/7
LD-12	16x6.35/9
LN-4	1/4"
LN-5	5/16"
LN-6	3/8"
LN-8	1/2"
LN-10	5/8"
LN-12	3/4"
SN-4	1/4"
SN-5	5/16"
SN-6	3/8"
SN-8	1/2"
SN-10	5/8"
SN-12	3/4"
UN-4	1/4"
UN-5	5/16"
UN-6	3/8"
UN-8	1/2"
UN-10	5/8"
UN-12	3/4"
UT-4	1/4"
UT-6	3/8"
UT-8	1/2"
UT-10	5/8"
UT-12	3/4"
UE-4	1/4"x1/4"
UE-6	3/8"x3/8"
UE-8	1/2"x1/2"
UE-10	5/8"x5/8"

Access Fitting



JST-44X
Swivel Tee



JT-24
Straight Solder Type



JAU-24
Half Union



JU-4
Female Flare Union



JA-39
9 Way Solder Type



JTR-24
Threaded Tee



JA-3-346
3 Way Solder Type



JA-24
Straight Solder Type



JS-4
Swivel Nut



JE-2
Threaded Elbow



ZRVC 2
Valve Core Tools



ZRVC 1
Valve Core Tools



TLVC410



LTMV708-4



JA32904
Copper Saddle



JTS-3-10
Solder Tube Elbow



JTS-46
Solder Tee



AV02
Charging Valves



JA31998
Standard Remover



JVC-1
Cores

Model	Size
JA-3-346	For 3/1 6" O.D. Tube or 1/4" and 3/8" solder fitting
JA-39	For 3/16", 1/4", 5/16", 3/8" or 1/2" tube. Also fits 3/16", 1/4" and 5/1 6" solder fitting or 1/8" hole may be drilled in larger size tube
JA-24	1/8" O.D.S
JA-34	3/16" O.D.S x 1/4"O.D.F
JA-46	1/4" O.D.S x 3/8"O.D.F
JA-58	5/16" O.D.S x 1/2"O.D.F
JA-68	3/8" O.D.S x 1/2"O.D.F
JAU-24	1/8" MPT
JAU-45	1/4" MPT
AV02	1/8" O.D. tube
AV03	3/16" O.D. x 1/8" I.D.
AV04	1/4" O.D. x 3/16" I.D.
AV05	5/16" O.D. x 1/4" I.D.
AV06	3/8" O.D. x 5/16" I.D.
AV08	1/2" O.D.
JE-2	1/8" MPT
JS-4	1/4" female flare forged swivel nut
JST-4	1/4" access on run x 1/4" female flare with depressor on female swivel branch end
JST-4X	1/4" access on run X 1/4" access on "T"-female swivel on run.
JST-44X	1/4" access on run X 1/4" female flare with depressor on female swivel branch end
JT-4	1/4" access all ends with 2 flare nuts, 1 core and cap
JT-24	1/8" MPT on branch, 1/4" flare x 1/4" flare access on run
JTR-24	1/8" MPT x 1/4" male flare on run x access on branch
JTS-10	5/8"O.D. Tube
JTS-12	3/4"O.D. Tube
JTS-14	7/8"O.D. Tube
JTS-18	1-1/8"O.D. Tube
JTS-46	1/4"O.D.S x 5/16" O.D.F.
JTS-56	5/16"O.D.S x 3/8" O.D.F.
JTS-68	3/8"O.D.S.
JTS-810	1/2"O.D.S.
JTS-3-10	5/8"O.D.S.
JTS-3-12	3/4"O.D.S.
JTS-3-14	7/8"O.D.S.
JTS-3-18	1-1/8"O.D.S.
JU-4	1/4"female flare w/copper gasket
JUR-4	1/4"O.D. Flare tube w/forged flare nut
JC-4	1/4"
JC-4R	1/4"
JVC-1	22, 134a, 410, 407
JA32904	1/4"O.D.Tube size
JA32905	5/1 6"O.D.Tube size
JA32906	3/8"O.D.Tube size
JA30908	1/2"O.D.Tube size
JA32910	5/8"O.D.Tube size
JA32912	3/4"O.D.Tube size
JA32914	7/8"O.D.Tube size
JA32918	1-1/8"O.D.Tube size

Thermoplastic Capillary Hose



The thermoplastic capillary hose provides quick and easy connection to the pressure switches, gauges, oil return circuits and oil level equalization in air-conditioning and refrigeration systems.

- High flexibility
- Superior vibration absorption and noise reduction
- No brazing and bending
- Extremely low permeation rate

Material:

- Inner tube material: thermoplastic nylon
- Reinforcing material: polyester fiber of high tensile strength
- Cover material: thermoplastic nylon

Specification

Model	Inner Dia. (mm)	Outer Dia. (mm)	Min.Bend Radius(mm)	Working Pressure		Working Temperature	
				Mpa	psi	Min.°C	Max.°C
TCH-01	2.6	5.8	15	19.6	2843	-40	+130
TCH-02	5.0	10.0	20	9.8	1421	-40	+130
TCH-03	8.2	13.5	30	9.8	1421	-40	+130
TCH-04	11.2	16.2	40	9.8	1421	-40	+130
TCH-05	14.3	20.0	50	9.8	1421	-40	+130
TCH-06	17.3	24.0	50	9.8	1421	-40	+130

Fittings and Accessories

Available in any combination of 1/4" and 3/8" brass SAE fittings, either straight or 90° angle.



90° insert with nut Straight insert with nut T fitting Copper gasket Straight insert Nut Sleeve

Couplings: Copper-Steel Complex Rings



Model	British Stand	Meter Stand
CCR0618	1/4	6.35
CCR0818	5/18	8
CCR0918	3/8	9.53
CCR1218	1/2	12.7
CCR1518	5/8	15.88
CCR1918	3/4	19.05
CCR2218	7/8	22.22
CCR2518	1	25.4
CCR2818	1-1/8	28.6
CCR3118	1-1/4	31.8
CCR3518	1-3/8	34.9

Crimping Tools



RTV Silicone



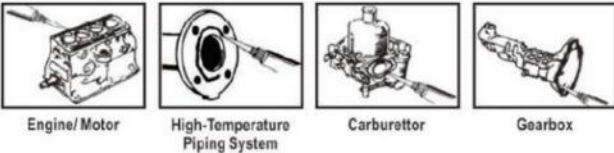
GN0070BK1A GN0085CR4A

Product Introduction

High Temperature RTV Silicone is designed for bonding and sealing in automobile production. This product is a one-component RTV silicone sealant that cures completely without releasing any excitant odor. It solidifies into an elastic rubber strip, available in both acid and neutral curing types.

Application

Used in gasket makers, internal combustion engines, steam turbines, automobiles, gearboxes, compressors, and household appliances.



Grease



Application

Applies to machinery and vehicle lubrication of roller bearings and plain bearings, particularly applied to agricultural machinery lubrication, and can be substituted for universal lithium grease.

Specifications

Model	Packing	Measure	Weight
GRE10000P	10lb(4.53kgs) x 1pcs/carton	21.0*21.0*21.0cm	5.0kgs
GRE5000P	5lb(2.26kgs) x 12pcs/carton	52.5*35.5*39.5cm	29.5kgs
GRE1000P	1lb(453g) x 24pcs/carton	41.0*31.0*21.0cm	13.0kgs
GRE0400P	400g(16.0oz) x 24pcs/carton	34.5*23.5*25.5cm	10.6kgs

Auto Air Conditioner Cleaner



USAGE
Spray for car air conditioner;
Suitable for cars with clean air conditioning filter;

USAGE
Spray for car air conditioner;

- Uses environmentally friendly biodegradable cleaning active ingredients, particularly including a new long-acting, non-toxic antimicrobial agent.
- Can quickly and thoroughly remove metal powder and oil from the air conditioner system, and evaporates completely, keeping the air conditioner system clean.
- Essential for exchanging the compressor.

Air Conditioning Drain Pipe



DNH-02

1. Discharges condensed water from the indoor unit to the outside.
2. Duplex structures with inner charcoal are able to defend against ultraviolet rays, preventing the drainpipe from aging or cracking. Durability is improved over three times compared to single structures.
3. Passes Sunshine Weather Meter 3000 Hours test.
4. High-performance PE ensures excellent corrosion resistance.
5. Joints are spaced 100 cm apart (suitable for F14, F16, F18).
6. 50 m/roll.

Refrigerant Recovery Machine



RR24M

Power Supply:

- 220V-230VAC 50/60Hz
- Motor Power: 1HP Brushless DC Motor
- Compression Engine: Oil-less, Air-cooled, Piston
- Operating Temperature: 0~40°C



RM-229

- Compressor: 1/2HP, oil-less maintenance free
- Power supply: 110V/220V, 50/60Hz



RR250-R32
RR500-R32

RR250-R32 Single Cylinder/RR500-R22 Dual Cylinder

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



RR12L / RR24L

Power Supply:

- 220-230VAC 50/60Hz / 110-120VAC 60Hz
- Motor Power: 3/4HP / 1HP
- Compressor: Oil-less, Air-cooled, Piston style



RM-230

- Compressor: 1/2HP, oil-less maintenance free
- Power supply: 110V/220V, 50/60Hz



RR250
RR500

RR250 Single Cylinder/RR500 Dual Cylinder

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

Vacuum Pump



Cordless Vacuum Pump

Model	JB-2.0IZB	JB-3.0IZB	JB-4.0IZB	JB-6.0IZB
Flow Rate(CFM)	2	3	4	6
Ultimate Pressure	2Pa	2Pa	2Pa	2Pa

Model	2JB-2.0IZB	2JB-3.0IZB	2JB-4.0IZB	2JB-6.0IZB
Flow Rate(CFM)	2	3	4	6
Ultimate Pressure	2x10 ⁻¹ Pa	2x10 ⁻¹ Pa	2x10 ⁻¹ Pa	2x10 ⁻¹ Pa



Single Stage Rotary Vane Vacuum Pump

Model	VB115	VB120	VB130	VB140	VB160	VB180	VB1200
Flow Rate(CFM)	1.5/1.8	2/2.4	3/3.6	4/4.8	6/7.2	8/9.6	12/14.4
50/60Hz (L/min)	42/50	56/68	85/100	113/135	170/203	226/270	340/407

Double Stage Rotary Vane Vacuum Pump

Model	VB215	VB220	VB230	VB240	VB260	VB280	VB2200
Flow Rate(CFM)	1.5/1.8	2/2.4	3/3.6	4/4.8	6/7.2	8/9.6	12/14.4
50/60Hz (L/min)	42/50	56/68	85/100	113/135	170/203	226/270	340/407



Single Stage Rotary Vane Vacuum Pump

Model	XS-1	XS-1.5	XS-2	XS-3	XS-4	XS-6
Flow Rate(CFM)	3/2.5	4/3.5	5/4.5	7/6	9/8	12/10
Ultimate Pressure	2Pa	2Pa	2Pa	2Pa	2Pa	2Pa

Double Stage Rotary Vane Vacuum Pump

Model	2XS-0.5	2XS-1	2XS-1.5	2XS-2	2XS-3	2XS-4	2XS-5
Flow Rate(CFM)	2/1.5	3/2.5	4/3.5	5/4.5	7/6	12/10	14/12
Ultimate Pressure	2x10 ⁻¹ Pa	2x10 ⁻¹ Pa	2x10 ⁻¹ Pa	2x10 ⁻¹ Pa	2x10 ⁻¹ Pa	2x10 ⁻¹ Pa	2x10 ⁻¹ Pa



2 Stage Vacuum Pump

Model	OI6D-EX
Flow Rate	50Hz 60Hz
Ultimate Vacuum	Partial Pressure Total pressure
AC Motor	
Power	
Inlet Port	
Oil Capacity	
Dimensions (mm)	
Weight	

Digital Manifold

A versatile instrument for HVAC professionals, designed for accurate pressure and vacuum measurements.



LT671A

Pressure Test:

- Type: Gauge Pressure
- Units: KPa, MPa, Bar, inHg, PSI
- Range: 0 ~ 6000 KPa
- Resolution: 1 Kpa
- Accuracy: $\pm 0.5\%$ F.S. + 5 digits
- Overload: 10,000 Kpa (10 Mpa; 100 bar;)

Vacuum Test:

- Type: Gauge Pressure
- Units: KPa, MPa, Bar, inHg, PSI
- Range: -101 ~ 0 KPa
- Resolution: 1 Kpa
- Accuracy: $\pm 0.5\%$ F.S. + 5 digits

Refrigerant Compatibility:

- Database: 43 refrigerants including R454B, R134a, R22, etc.
- Note: Max range for R744: 50 Bar. R717 (Ammonia) not allowed.



LT250

Pressure Test

- Gauge Pressure
- Units: KPa, MPa, Bar, inHg, PSI, Kg/cm²
- Range: 0 - 6000 KPa
- Resolution: 1 KPa
- Accuracy: $\pm 0.5\%$ F.S. + 5 dgt
- Overload: 10,000 Kpa (10 Mpa; 100 bar;)

Vacuum Test

- Relative Vacuum
- Units: KPa, MPa, Bar, inHg, PSI, Kg/cm²
- Range: -101 Kpa - 0 Kpa
- Resolution: 1 KPa



LT651A



LMG-10W

Micro Vacuum Gauge



VGW MINI

- 5-digit LCD screen with blue backlight
- Audio and visual alarm for vacuum set point
- Bronze inlet filter for sensor protection

Specification

Measuring range	1-19000 microns
Resolution	1-400 1 micron; 400-3000 10 microns; 3000-10000 100 microns; 10000-19000 250 microns
Accuracy	1-10000 microns $\pm 10\%$ of Reading; ± 10 microns; 10000 19000microns $\pm 20\%$ of Reading
Units	inHg, Torr, psia, mbar, mTorr, Pa, microns, kPa
Max over pressure	27.5 bar
Operating temperature	14-140°F/-20-60°C
Fitting	1/4SAE Male Flare
Wireless transmission distance	30m

Manifold Gauge / Hose / Valve



M30336A



M41360A



M80360A



M50360A



M85360A



ZR-536G-R410A



CH800-60HL



CH800E-60S-A2L



CH800-60



HVH3872



G-Y



LT-348/LT-349



LTV-1221 LTV-1222

Digital Electronic Scale



Model	RCS-220	RCS-110
Max Capacity	100kg/220lb	50kg/110lb
Resolution	5g/0.2oz	2g/0.2oz
Accuracy	±0.05% rdg +10g	±0.05% rdg +5g
Power Supply	6LR619V	
Operating Temperature	-10~40°C/14~104°F	
Storage Temperature	-15~50°C/5~122°F	
Overall Size	227x227x70mm/8.9x2.8x2.8inch	

- Has memory function.
- Designed within CE guidelines

Digital Programmable Charging Scale



RCS-320C

ERS-800

LMC-200

Model	RCS-320C	RCS-320H	ERS-800 LMC-200	ERS-810 LMC-210	ERS-820 LMC-300	ERS-821 LMC-310
Specification	Electronic Refrigerant Scale	Electronic Refrigerant Scale	Electronic Refrigerant Scale	Wireless Electronic Refrigerant Scale	Electronic Refrigerant Charging Scale	Wireless Electronic Refrigerant Charging Scale
Max Capacity	100kg/220lb	50kg/110lb	100kg/220lb			
Resolution	5g/0.2oz	2g/0.2oz	5g			
Accuracy	±0.05% rdg +10g	±0.05% rdg +5g	±0.05% rdg+0.35oz(10g)			
Power Supply	6xAAA batteries		5AAA batteries			
Operating Temperature	-10~40°C/14~104°F		-10~40°C			
Storage Temperature	-15~50°C/5~122°F					

Vacuum Tool Kits



ZRB-8B

Manifold Tools Kit



ZRB-5B

Manual Expanding Tool



ZN100S

Expansion Pipe Head

1/4" Gray, 3/8" Red, 1/2" Yellow, 5/8" Blue, 3/4"Green,7/8" Purple, 1" Black, 1-1/8" Pink.
*NOTE: Other head size available upon request.

RS-42

Cutter size: 1/4"~1-5/8"

LT-208

Inner-Outer Reamer: 3-38mm

Model	ZN100	ZN100S	LT-100S
Cutter	/	RS-42	/
Expander Heads	3/8", 1/2", 5/8", 3/4", 1", 1-1/8", 7/8"	1/4", 3/8", 1/2", 5/8", 3/4", 1", 1-1/8", 7/8"	3/8", 1/2", 5/8", 3/4", 1", 1-1/8", 7/8"
Turning Reamer	/	LT-208	LT-208

Tube Bender



ZN999



Model	ZN999
Cutter	RS-42 (1/4"~1-5/8")
Aluminium Alloy Wheel	1/4", 1/2", 3/8", 5/16", 5/8", 3/4", 7/8"

- For 1/4" Silver, 1/2" Yellow, 3/8" Red, 5/16" Orange, 5/8" Blue, 3/4" Green, 7/8" Purple O.D.

Hydraulic Tube Expander



ZR-300A

- For expanding soft copper tubing
- For efficient, fitting free installation of pipes in sanitary heating, gas, refrigeration and air conditioning systems
- For 3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8", 1-3/8", 1-5/8"

Can Tap Valve



Quick Connector & Gas Valve



Manifold Gauge With Single Valve



Nitrogen Regulator



Pressure Gauge



1: R-22, R-12, R-134A, R-502
2: R-22, R-134A, R-404A, R-407C
3: R-22, R-134A, R-404A, R-410A
4: R-32, R-290, R-410A

Automotive R-134a Can Taps



Complete kit includes:
R-134a can tap valve R-134a high pressure hose with quick connect fittings/pressure gauge in the middle of the hose.

Oil Charging Pump



Oil changing pump eliminates the danger of drawing air and moisture into a refrigeration system when charging a compressor with oil.

Charging Kit for R-134a System



Reusable brass dispensing rate with hose and R-134a quick coupler charge AC systems with R-134a can tap with 1/2" ACME fitting.

Intelligent Halogen Leak Detector



Heated Diode Leak Detector



Automotive Battery Tester



Capacitance Meter



Digital Anemometer



Multimeter



Hand Tool

			
LT-274 1/8"~1-1/8" O.D.tubing	RS-28 RS-42 For 3~28mm For 3~42mm	LT-126 1/8"~5/8" O.D.tubing	LT-174 1/8"~1-1/8" O.D.tubing
			
LT-32 3~32mm	LT-50 3~50mm	LT-70 3-70mm	LT-65 16-65mm
			
LT-160 30~160mm	LT-532S 3/16"~1-1/4"(4~32mm)	LT-114 LT-115 For 6~23mm For 8~29mm	LT-111/112/113 1/2",3/4",1"
			
LT-808-N 1/4",5/16",3/8",1/2",5/8" & 3/4" O.D.	LT-S806A 1/4",5/16",3/8",1/2",5/8" & 3/4" O.D.	LT-806/LT-808-A 1/4",5/16",3/8",1/2",5/8" & 3/4" O.D. 3/16",1/4",5/16",3/8",1/2",5/8" & 3/4" O.D.	LT-525 3/16"~5/8"(5~16mm)
			
LT-526 3/16"~3/4"(5~19mm)	LT-195 3/16",1/4",5/16",3/8",1/2" & 5/8" O.D.	LT-505 3/16",1/4",5/16",3/8",1/2",5/8" & 3/4" O.D.	ZRS-22 1/4",5/16",3/8",1/2",5/8",3/4",7/8"

Hand Tool

			
LT-S806A-L 6,8,10,12,16,19(mm)	LT-278 CT-275+CT-N274+CT-122	LT-2029C Flare:3/16",1/4",5/16",3/8",7/16",5/8";Flaring adapter: 3/16",1/4",5/16",3/8",7/16",1/2",5/8"	LT-275 Flare:1/8",3/16",1/4",5/16",3/8",7/16",1/2",5/8",3/4";Swage adapter: 3/16",1/4",5/16",3/8",1/2",5/8",3/4"
			
LT-999 Curving pliers	LT-S806AM-D 3/8"~1-5/8" O.D. Tubing,with LT-50 & LT-210	LT-200 Standard expander sets	LT-806AM 1/4",5/16",3/8",1/2",5/8",3/4"
			
LTR-808 Hand tool	LT-364-04/05/06/08 1/4",5/16",3/8",1/2"	LT-364-10/12/14 5/8",3/4",7/8"	LT-365-03...09 CT-365-15-10...14 5,6,8,10,12,14mm 15,16,18,19,20,22mm
			
LT-368 90° 1/4"~3/8"	LT-369 180° 1/4"~3/8"	LT-612A 180° 3-in-1 Tube bender, 1/4",3/8",1/2"	LT-208 3/16"~1-1/2" O.D. Tubing
			
LT-101-4/6/8/10/12 1/4",3/8",1/2",5/8",3/4"	LT-205-L 1/4",3/8",1/2",5/8"	LT-102-04/05/06/08/10/12 1/4",5/16",3/8",7/16",1/2",5/8",3/4"	JZ-3/16,1/4,3/8,1/2,5/8 3/16",1/4",3/8",1/2",5/8"

Hand Tool



CT-900S-A

1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"



CT-900S-AM

1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", 6, 8, 9, 10, 12mm



CT-900S-4S CT-900S-5S

1/4", 3/8", 1/2", 5/8" 1/4", 3/8", 1/2", 5/8", 3/4"



CT-900F

1/4", 3/8", 1/2", 5/8", 3/4"



LT-QT100

3/16"~7/8"



CT-204

Pinch off plier



LT-210 CT-207D

Turning Reamer



LT-201

Pinch-off-plier ≤6mm



LT-193

1/4" ~ 5/8"



LT-95 LT-96

1/4"~5/8" 1/4"~3/4"



FCR6 Air Conditioner Fin Cleaner Set

Can be combined according to requirements



LT-1104

Capillary Tube Cutter ≤3mm



TLVC135H

High-side R134a



LVC15 LVC20

1/4" for R134a 5/16" for R410a



TLVCS19BV

Valve core remove tools



CT-301

1/4", 3/8", 1/2", 5/8", 3/4", 7/8"



LT-122AD

Capillary Tube Ruler



CT-122 CT-123L

1/4", 3/8", 3/16", 5/16" square ratchet 1/4", 3/16" square; 9/16", 1/2" hex ratchet



CAP-R1

Capillary Tube Ruler



LT-051

Level Foot(0-600mm)

Hand Tool



DMM-150

Micrometer



Digital Torque Wrench

Adjustable Digital Torque Wrench 42.5-85mm



CT-0011-6

6"



CT-0011-8

8"



CT-0031-8 CT-0031-10

8" 10"



CT-0041AIX CT-0042AIX CT-0043AIX

A Flat-head screwdriver, X Phillips screwdriver



CT-0021-6

6"



CT-0051

Allen wrench



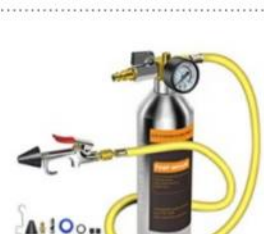
CT-80-R

Telescopic Inspection Mirror



CT-FM-50A

Telescoping Magnetic Pick Up Tool



FGK-6045

Flush gun kit



TLVC1 TLVC2 TLVC3

Valve Core Tools

A/C Cable Tie Tool



LT-600

Chain Tube Cutter



CT-151
≤80mm

CT-152
50~100mm
CT-152-L
50~200mm

Hydraulic Hose Compressing Tools



LT-700

A/C Rope Climbing Machine



PSJ120-8

Battery Powered Press Tool



PZ-1550 PZ-1930 SL-1930 MP-1930



ED-1550 ED-60100



Compact Series Press Jaws Standard Series Press Jaws Thicken Series Press Jaws Big Size Press Jaws Universal Jaw Adaptor/Press Ring for 42-54mm

Tool Bag



LT-Y05

Rolling Toolbox



PAAG001

Brazing Rod



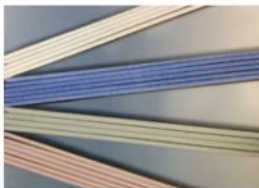
P-Cu Brazing Filler Metal

Model	Related Standard	Chemical Composition%		
		Ag	P	Cu
J-0	L-CuP6	-	6.0	Bal.
	BCu93P	-	6.8-7.5	Bal.
	L-CuP7	-	7.0	Bal.
	BCuP-2	-	7.0-7.5	Bal.
	BCu92P	-	7.5-8.5	Bal.
	L-CuP8	-	8.0	Bal.

P-Cu Ag Brazing Filler Metal

Model	Related Standard	Chemical Composition%		
		Ag	P	Cu
J-2	BCu91PAg	1.8-2.2	6.8-7.2	Bal.
	BCuP-6	1.8-2.2	6.8-7.2	Bal.
	L-Ag2P	2.0	6.2	Bal.
	Bag1.2CuPin	1n:1.2	6.8-7.2	Bal.
J-5	BCu89PAg	4.8-5.2	5.8-6.7	Bal.
	BCuP-3	4.8-5.2	5.8-6.2	Bal.
	BCuP-7	4.8-5.2	6.5-7.0	Bal.
	L-Ag5P	5.0	6.0	Bal.
	BCu80AgP	14.5-15.5	4.8-5.2	Bal.
J-15	BCuP-5	14.5-15.5	4.8-5.2	Bal.
	L-Ag15P	15.0	5.0	Bal.
	BCu75PAg	17.5-18.5	6.0-6.5	Bal.
J-18	18M	18.0	6.3	Bal.
	L-Ag18P	18.0	7.5	Bal.

Flux Flux-4: 4 Oz. Jar. Flux-8: 8 oz. Jar. Brazing flux(white) is used with silver alloys on all metals other than aluminum, magnesium or titanium. It will be effective to 1600°F/871°C Master carton: 100 units.



Flux Coated Silver-alloy Rods

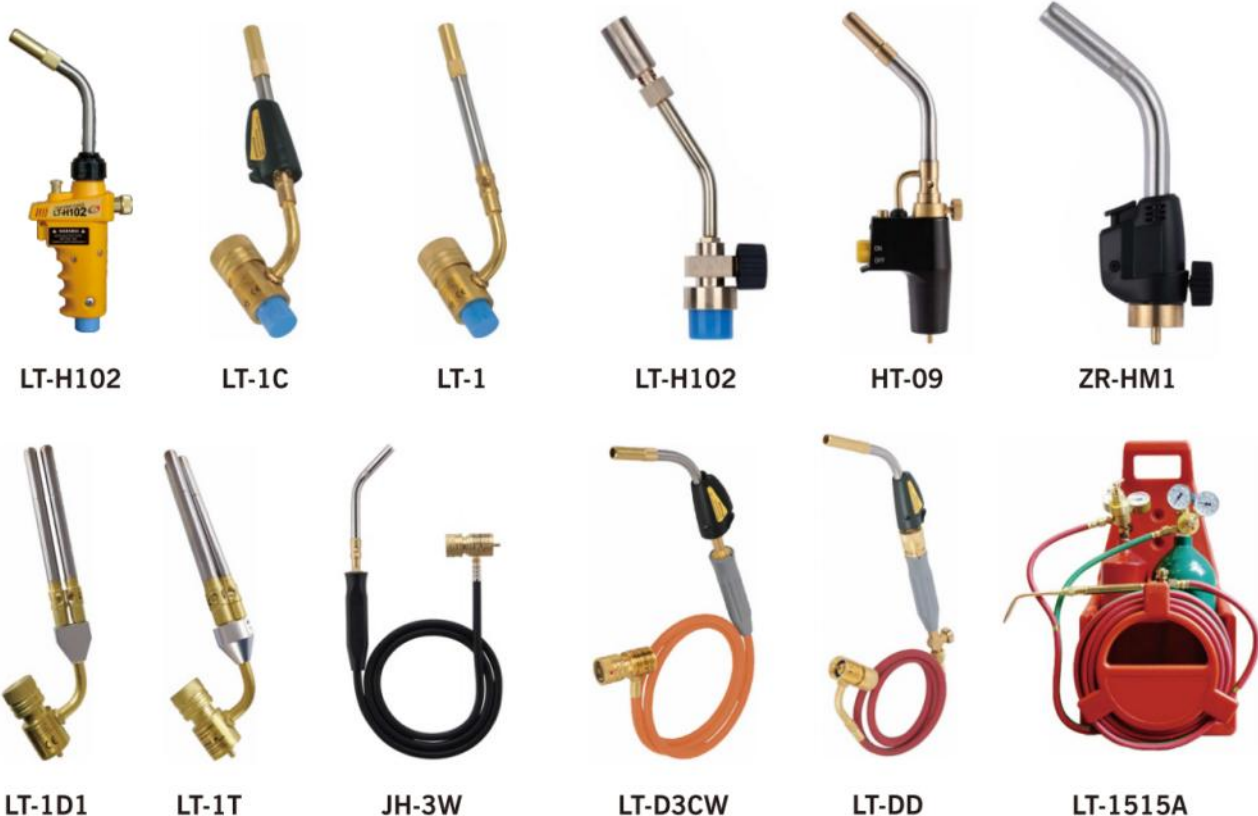
Model	Related Standard	Chemical Composition%				Melting Range °C	
		Ag	Cu	Zn	Other	Solidus	Liquid
FCS-5A	Ag208	5	55	40	-	830	870
FCS-20A	Ag206	20	45	35	-	690	795
FCS-30A	Ag204	30	38	32	-	680	765
FCS-44A	Ag203	44	30	26	-	680	740



Silver Brazing Filler Metal

Model	Related Standard	Chemical Composition%						Melting Range °C	
		Ag	Cu	Zn	Sn	Ni	Other	Solidus	Liquid
SBS-60A	BAG60Cu	59-61	28-32	-	9.5-10.5	-	-	600	730
SBS-50A	BAG50Cu	49-51	33-35	14-18	-	-	-	688	774
SBS-45A	ZnBAG45CuZn	44-46	29-31	24-27	-	-	-	677	743

Welding Tools



LT-H102 LT-1C LT-1 LT-H102 HT-09 ZR-HM1
LT-1D1 LT-1T JH-3W LT-D3CW LT-DD LT-1515A

Indoor Units Line Up



Floor ceiling
3.6~16.0 KW



Wall-mounted
2.2~7.1 KW



Round-Flow cassette
5.6~16.0 KW



Short ceiling concealed ducted unit
2.2~7.1 KW



Air Handler
10.5~16.0 KW



Outdoor Unit
60Hz



GCHV-mini
26/28/33.5 KW



Air Cooled (Heat Pump) Modular Chiller
65~115 KW

Ice Maker



Portable Aircon



Solar Air Conditioner



Car Refrigerator



Solar Panels

