



**CATÁ 20
LOGO 23**

Kyrrios

clima solar, da gosto!



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WIFI
REMOTE

頑張る

Perseverance

GANBARU PHILOSOPHY

We give our best so that you can give your best.

Working every day to improve every detail is fundamental. These are the principles to innovate and turn obstacles into strengths. To go as far as the road allows us to make a difference in people's lives.

Perseverance is one of the main virtues of Japanese culture: it is a cultural value, the way that allows us to be constructive and enjoy it. No matter how long it takes us, with responsibility and technical evolution we will help you to overcome great challenges.

Making all our experience available to society is essential. Incorporating every advance into people's daily lives is only possible with discipline, precision and skill. Making years of research feel useful with a simple touch: this is the goal.

WinasOne

We are more than a company or a product, our identity is defined by the group, by today's society, and our obligation is to join forces: collective responsibility and mutual cooperation to build a better society, to give our best so that the next node of this network of professionals can offer excellence with inspiration, motivation and persistence for a fulfilling life.

SCROLL COMPRESSORS

SCROLL COMPRESSORS

SANYO-PANASONIC | C-SB SERIES

FEATURES:

- › Low noise
- › Direct break of electricity for motor protecting
- › PPS tip seal improve the sealing performance and efficiency
- › High reliability

TEST CONDITIONS:

- › Condensing temperature 54.4 C
- › Evaporating temperature 7.2 C
- › Sub Cooling 8.3K
- › Superheat 11.1K

Part No.	Ref.	Output (Btu/h)	Disp. (Cm3/rev)	Power	Starting Method	Capacitor Specs		Capacity		COP	
						Run (mfd/v)	Start (mfd/v)	KW	Kbtu/h	W/W	Btu/wh
C-SBR120H16A	R-22	38200	51.8	208-230/1/60	PSC			12.1	41.3	3.23	11
C-SBR165H16A		57400	77.4	208-230/1/60	PSC			16.8	57.4	3.2	10.9
C-SBP120H16A	R-410a	41000	39.6	208-230/1/60	PSC			12.1	41.3	2.81	9.6
C-SBP170H16Y		59400	54.8	208-230/1/60	CSR			16.9	57.7	2.83	9.7

Panasonic

SCROLL COMPRESSORS COPELAND

ZR SERIES

Part No.	Ref.	HP	Freq.(HZ)	Phase (PH)	Displacement (m³/h)	Air Working Condition (7.2°C/54.4°C)		Welding Dimension	
						Run (mfd/v)	Start (mfd/v)	Exhaust	Suction
ZR57KC-TFD-522	R22	4,75	380-420/460V	3	13,43	13900	4319	1/2"	7/8"
ZR72KC-TFD-522		6	380-420/460V	3	17,06	17700	5200	1/2"	7/8"
ZR94KC-TFD-522		8	380-420/460V	3	22,14	22940	7000	7/8"	1-1/8"
ZR125KC-TFD-522		10	380-420/460V	3	28,77	30470	9060	7/8"	1-3/8"
ZR144KC-TFD-522		12	380-420/460V	3	33,22	34730	10320	7/8"	1-3/8"

Copeland
brand products



ROTARY COMPRESSORS

ROTARY COMPRESSORS GREE

FEATURES:

- › High reliability. They can run steadily in a wide range condition with unique refrigeration oil and protective devices.
- › High energy efficiency. The COP can reach over 3 under ASHRAE working conditions.
- › Long service life and low failure rate.

TEST CONDITIONS:

- › Condensing temperature 54.4 °C
- › Evaporating temperature 7.2 °C
- › Supercooling Degree Temp. 8.3 °C
- › Suction Temperature 35.0 °C
- › Ambient Temperature 35.0 °C



Model	Displ. (cc)	Capacity (Btu/h)	Refrigerating Capacity (W)	Power (W)	COP (W/W)	Capacitor (μF)	Power Supply	Compressor Height (mm)	Dispatch pipe ID (mm)	Suction Pipe ID (mm)	Refrigerant
R22											
QX-B172RC030	17.2	9884	2897	920	3.15	35μF/450V	208-230V/1Ph/60Hz	273.0	9.7	12.2	R22
QX- D53RF050A	25.3	17888	5243	1616	3.24	35μF/450V	208-230V/1Ph/60Hz	300.5	9.7	12.2	R22
QX-F305RF050	30.6	22691	6650	1992	3.34	45μF/450V	208-230V/1Ph/60Hz	326.5	9.7	16.2	R22

R410A											
QXA-B117RT130A	11.7	11624	3407	1117	3.05	35μF/450V	208-230V/1Ph/60Hz	266.5	9.7	12.2	R410A
QXA-D17RE050	17.0	17285	5066	1634	3.10	35μF/450V	208-230V/1Ph/60Hz	307.5	9.7	16.2	R410A
QXA-E23RH050	23.2	24536	7191	2305	3.12	65μF/450V	208-230V/1Ph/60Hz	331.5	9.7	16.2	R410A

R22 50Hz											
QX-B160T130	16	10219	2995	776	3.86	35μF/450V	220-240V/1PH/50Hz	295	8.2	9.7	R22
QX-B217C130C	21.7	13921	4080	1088	3.75	45μF/450V	220-240V/1PH/50Hz	319	9.7	12.2	R22
QX-D305F030B	30.5	17913	5250	1630	4.33	50μF/450V	220-240V/1PH/50Hz	337	9.7	16.2	R22
QX-37F050gA	36.832	21325	6250	2030	3.08	60μF/450V	220-240V/1PH/50Hz	367	9.7	16.2	R22

R410A 50Hz											
QXA-B106T130A	10.6	8939	2620	910	3.1	35μF/450V	220-240V/1PH/50Hz	274	8.2	9.7	R410A
QXA-B139T130A	13.9	12044	3530	1250	3.05	45μF/450V	220-240V/1PH/50Hz	288.5	9.7	12.2	R410A
QXA-D19F030DB	19	15545	4556	1521	3.1	45μF/450V	220-240V/1PH/50Hz	336.5	9.7	12.2	R410A
QXAH-E265H050	26.5	22519	6600	2180	3.2	60μF/450V	220-240V/1PH/50Hz	377	9.7	16.2	R410A

CONDENSER FAN MOTORS

AIR-CONDITIONING CONDENSER FAN MOTORS

FEATURES:

- › UL Certified
- › High Efficiency
- › Class B Insulation
- › Quiet Operation
- › Reversible Rotation
- › Automatic Reset Thermal Overload Protector
- › Continuous Air Over
- › Totally enclosed

Part No.	HP	Power	RPM	Watts	Capacitor (mfd/V)	Bearing	Speeds
YS1860	1/4	208-230/1/6050/60	1075	1.5A	5X450	Ball	1
YS1861	1/3	208-230/1/6050/60	1075	2.4A	7.5X450	Ball	1
YS1862	1/2	208-230/1/6050/60	1075	3.8A	10X450	Ball	1
YS1868	3/4	208-230/1/6050/60	1075	4.7A	15X450	Ball	1



BLOWER FAN MOTORS

AIR-CONDITIONING BLOWER MOTORS

FEATURES:

- › UL Certified
- › High Efficiency
- › Class B Insulation
- › Quiet Operation
- › Reversible Rotation
- › All angle mounting
- › Automatic Reset Thermal Overload Protector
- › Continuous Air Over
- › Open frame

Part No.	HP	Power	RPM	Watts	Capacitor (mfd/V)	Bearing	Speeds
YS1971	1/4	208-230/1/6050/60	1075	1.5A	5X450	Ball	3
YS1972	1/3	208-230/1/6050/60	1075	2.4A	7.5X450	Ball	3
YS1973	1/2	208-230/1/6050/60	1075	3.8A	10X450	Ball	3
YS8905	3/4	208-230/1/6050/60	1075	4.7A	15X450	Ball	3



TOOLS - UNIWELD



6N1RSD

6"N"1 RATCHET
SCREWDRIVERS



QAL3SM-5

2-V BRASS MANIFOLD WITH
3FT. SOFT MAGIC R134A/
R404A/R22



QS4L3H-5

2-V BRASS MANIFOLD WITH
3FT. SOFT MAGIC R410A/
R404A/R22



42005

VACUUM PUMP OIL QUART



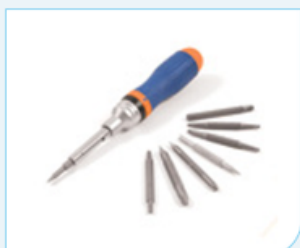
42006

VACUUM PUMP OIL GALLON



91861

COOL BLUE HEAT SINK PASTE



20N1RSD

20"N"1 RATCHET
SCREWDRIVERS



QAL5SM-5

2-V BRASS MANIFOLD WITH
5FT. SOFT MAGIC R134A/
R404A/R22



QS4L5H-5

2-V BRASS MANIFOLD WITH
5FT. SOFT MAGIC R410A/
R404A/R22

TOOLS - UNIWELD



QS8N3SM-5

2-V BRASS MANIFOLD WITH
3FT. SOFT MAGIC R410A/
R404A/R22/R134A



G29LD-5

GAUGE HIGH PRESSURE
(RED) R134A/R404A/R22 -
QAL3SM-5 Y QAL5SM-5



G30LD-5

GAUGE LOW PRESSURE
(BLUE) R134A/R404A/R22 -
QAL3SM-5 Y QAL5SM-5



HC3SMB

HOSES SOFT MAGIC 3FT.



QS8N5SM-5

2-V BRASS MANIFOLD WITH
5FT. SOFT MAGIC R410A/
R404A/R22/R134A



UVG2

VACUUM GAUGE
SMARTTECH



KLT71-4P-T

PREMIUM PORTABLE OUTFIT



RTB118

RATCHET TUBE BENDER 3/8"
TO 1-1/8"



USMAN5

DIGITAL MANIFOLD
SMARTTECH

TOOLS - UNIWELD



P4KD9

ALUMINUM SOLDER 10FT.
COIL WITH A 1 OZ. FLUX
BOTTLE



UTC702

TUBING CUTTER FOR
COPPER, BRASS AND
ALUMINUM TUBING 1/8" TO
1-1/8"



UTC706

REPLACEMENT PARTS FOR
UTC701, UTC702, UTC703,
UTC704, UTC705



EZ3HS

HOSES EZ TURN 3FT.



G429ND-5

GAUGE HIGH PRESSURE
(RED) R134A/R404A/R22/
R410A - QS8N3SM-5 Y
QS8N5SM-5



G430ND-5

GAUGE LOW PRESSURE
(BLUE) R134A/R404A/R22/
R410A - QS8N3SM-5 Y
QS8N5SM-5



G529LD-5

GAUGE HIGH PRESSURE
(RED) R410A/R404A/R22 -
QS4L3H-5 Y QS4L5H-5



G530LD-5

GAUGE LOW PRESSURE
(BLUE) R410A/R404A/R22 -
QS4L3H-5 Y QS4L5H-5



P4KD9S

ALUMINUM SOLDER 10FT.
COIL WITH A 1 OZ. FLUX
BOTTLE & METAL TIP FLUX
APPLICATOR

TOOLS - UNIWELD



RP3T2

HAND TORCH UT2 DOUBLE
TWISTER TIP



RP3T5

HAND TORCH UT5 TWISTER
TIP



RHP800

NITROGEN REGULATOR
0-800 PSIG



UTC703

TUBING CUTTER FOR
COPPER, BRASS AND
ALUMINUM TUBING 1/8" TO
1-3/8"



EZ5HS

HOSES EZ TURN 5FT.



70015

3-IN-1 TRIPLE TUBE BENDER
1/4", 5/16", 3/8" O.D.



HC5SMB

HOSES SOFT MAGIC 5FT.



MTF-5

CAP'N HOOK TIP 5 FLAMES



RHP400

NITROGEN REGULATOR
0-400 PSIG

TOOLS - UNIWELD



RP3T3

HAND TORCH UT3 TRIPLE
TWISTER TIP



U5VP2

VACUUM PUMP 5.5 CFM
110V/220V



NV1

NITROGEN FLOW INDICATOR



HVP6

VACUUM PUMP 6 CFM
110V/220V



UTC705

TUBING CUTTER FOR
COPPER, BRASS AND
ALUMINUM TUBING 1/4" TO
2-3/4"



HVP12

VACUUM PUMP 12 CFM
110V/220V



HVP8

VACUUM PUMP 8 CFM
110V/220V



KCHPT

PREMIUM PORTABLE OUTFIT



UVP1.5-110

VACUUM PUMP 1.5 CFM
110V

TOOLS - UNIWELD



USRS220

ELECTRONIC REFRIGERANT
SCALE



UNIWELD PRODUCTS INC ESTABLISHED IN 1949

Uniweld Products, Inc. is a U.S. manufacturing company headquartered in Fort Lauderdale, Florida. Established in 1949 on farmland in the Dania Beach area, the company has grown and expanded into one of the major manufacturers in the welding, HVAC/R (Heating, Ventilation, Air-Conditioning and Refrigeration), plumbing, and alloys markets.

David Pearl, Sr., founder and Chairman of the Board, has maintained the concept of the family-owned business throughout the company's history. Uniweld has always operated on a "family" concept and this has filtered down to each employee. Mr. Pearl's sons, David S. Pearl II and Douglas B. Pearl, have worked in the business for more than 30 years, and are fully familiar with the operations of the company, and today run the company together as President and Executive Vice President respectively.

Today, Uniweld's headquarters houses some of the latest state-of-the-art manufacturing equipment. Through engineering improvements and advanced research and development, the company has been able to make its equipment safer for the environment. Uniweld has won the prestigious Broward County Emerald Environmental Award twice and has been Broward County's Environmental Business of the Year.

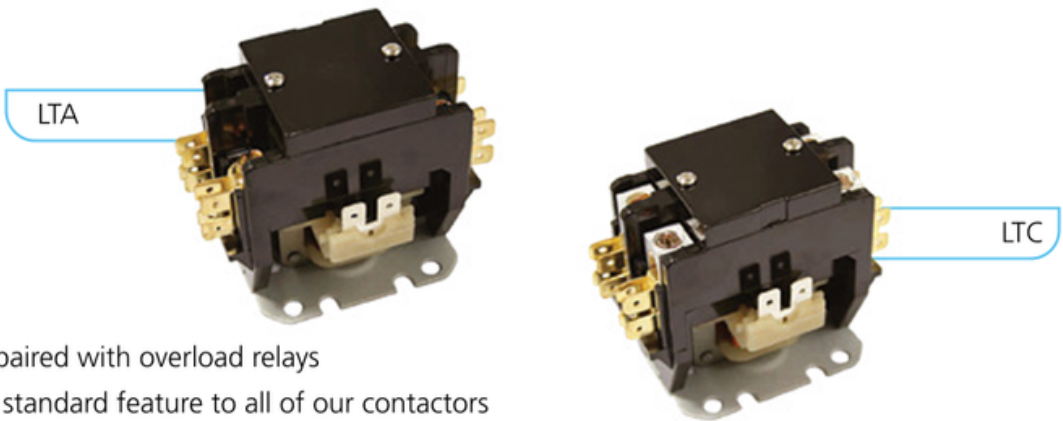
Uniweld's product line includes U.S. made welding, cutting, brazing and heating outfits, refrigeration tools, vacuum and charging hoses, welding, brazing and cutting tips, accessories, pressure gauges and alloys. Uniweld operates and maintains distribution facilities in Florida, Texas, California, Ontario, and Saskatoon, and has sales offices in South America and the Middle East. Uniweld takes pride in its manufacturing excellence, product innovation, financial stability, community, and genuine concern for its customers and the environment throughout the world.

CONTACTORS

CONTACTORS 2 POLES

FEATURES:

- › For industrial motor control
- › 4-Pole contactors should be paired with overload relays
- › Covers can be provided as a standard feature to all of our contactors
- › UL and Cul Approved



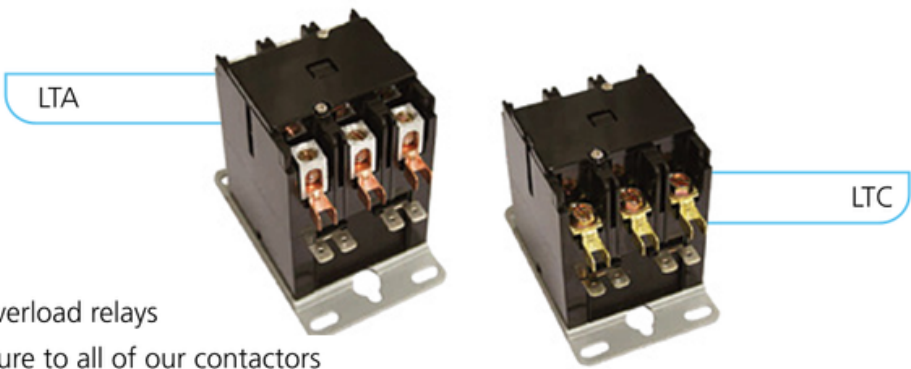
Part No.	Poles	Full Load Amp (FLA)	Locked Rotor Amps 240/480/600	Resistive (AMP)	Coil Voltage
LTA-2S-30	2	30	180/150/120	40	24V
LTA-2S-40	2	40	240/200/160	50	24V
LTC-2S-30	2	30	180/150/120	40	208/240V
LTC-2S-40	2	40	240/200/160	50	208/240V



CONTACTORS 3 POLES

FEATURES:

- › For industrial motor control
- › 4-Pole contactors should be paired with overload relays
- › Covers can be provided as a standard feature to all of our contactors
- › UL and Cul Approved



Part No.	Poles	Full Load Amp (FLA)	Locked Rotor Amps 240/480/600	Resistive (AMP)	Coil Voltage
LTA-3S-30	3	30	180/150/120	40	24V
LTA-3S-40	3	40	240/200/160	50	24V
LTB-3S-40	3	40	240/200/160	50	120V
LTB-3S-30	3	30	180/150/120	40	120V
LTC-3S-30	3	30	180/150/120	40	208/240V
LTC-3S-40	3	40	240/200/160	50	208/240V



CAPACITORS

RUN CAPACITORS CBB61 SERIES

FEATURES:

- › Low dissipation,
- › High insulation resistance
- › Good self-healing character
- › Steady electricity performance
- › Anti-striking current
- › Strong over-carrying capacity
- › UL and Cul Approved

Part No.	Capacitance (μF)	Rated Voltage	Dimension L*B*H in (mm)
CB6110L	1	450V	0.55*1.10*1.46 (14*28*37)
CB6115L	1.5	450V	0.55*1.10*1.46 (14*28*37)
CB6120L	2	450V	0.71*1.18*1.46 (18*30*37)
CB6125L	2.5	450V	0.87*1.34*1.46 (22*34*37)
CB6130L	3	450V	0.87*1.34*1.46 (22*34*37)
CB6135L	3.5	450V	0.87*1.34*1.46 (22*34*37)
CB6140L	4	450V	0.87*1.34*1.46 (22*34*37)
CB6150L	5	450V	0.98*1.50*1.85 (26*38*47)
CB6160L	6	450V	0.98*1.50*1.85 (26*38*47)



CAPACITORS

RUN CAPACITORS CBB65 SERIES

FEATURES:

- › Capacitor is Round 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
- › UL and Cul Approved



Part No.	Capacitance(µF)	Rated Voltage	Dimension D*H in(mm)
44R200	20	440V	1.97*2.56(50*65)
44R250	25	440V	1.97*2.95(50*75)
44R300	30	440V	1.97*3.35(50*85)
44R350	35	440V	1.97*3.54(50*90)
44R400	40	440V	1.97*4.33(50*110)
44R450	45	440V	2.36*3.94(60*100)
44R500	50	440V	2.36*3.94(60*100)
44R550	55	440V	2.36*4.92(60*125)
44R600	60	440V	2.36*4.33(60*110)

SWITCHES

AUXILIARY SWITCHES



Part. No	Furnas	Description	Contactor F.L.A.
LTDPYSPDT	49D36098001	SPDT	30-60
LTDPY1NO/1NC	49ACR6	1NO/1NC	30-60

PRESSURE SWITCHES

FEATURES:

- › SPST Switch
- › 1/4" female SAE mounting
- › Automatic reset
- › Temper proof
- › 24V, 120V, 250VAC 50 - 60Hz, 6RLA, 36LRA
- › Low pressure switch - open on pressure drop, closes on pressure rise
- › High pressure switch - open on pressure rise, closes on pressure drop
- › UL Approved



Part No.	Application	Settings (PSI)		Tolerance (PSI)	
		Open	Close	Open	Close
HPS400300	High Pressure Automatic Reset	400	300	+/-15	+/-15
LPS4080	Low Pressure Automatic Reset	40	80	+/-5	+/-5

FILTERS

LIQUID LINE FILTER DRIERS

FEATURES:

- › The automatic compressed device make it possible to automatically fill in the worn molecules
- › High moisture and acid removal capacity
- › Motion of pads will not cause vibration
- › Drying and filtering effect of combining
- › Filtration: 20 microns
- › Corrosion resistant epoxy powder paint finish, salt spray test above 500 hours
- › UL Certified

APPLICATIONS

For a variety of refrigerant R12, R134a, R22, R404A, R407C, R410A, R500, R502, R507

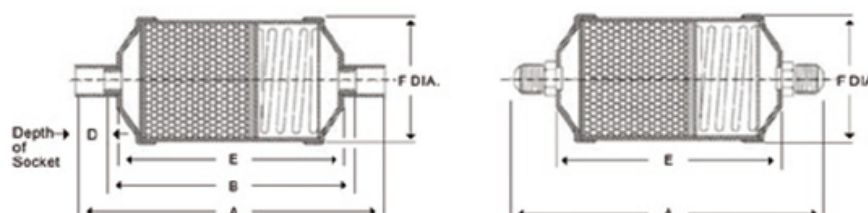
Part No.	Conection Size(IN)		Liquid Low Capacity (Tons)						Dimensions (IN)				
	ODF	SAE	R134a	R12	R22/R410a	R407a	R404a/R507	R502a	A	B	D	E	F
SEK-032		1/4	1.61	2.09	2.21	2.12	1.45	1.45	4.13			2.36	1.69
SEK-032S	1/4		2.21	2.72	2.88	2.88	1.98	1.98	3.78	2.56	0.61		
SEK-033		3/8	2.51	3.01	3.32	3.22	2.22	2.12	4.53				
SEK-033S	3/8		2.51	3.01	3.32	3.22	2.22	2.12	3.86	2.6	0.63		
SEK-052		1/4	1.72	2.12	2.32	2.22	1.52	1.52	4.86			3.13	
SEK-052S	1/4		2.72	3.32	3.62	3.52	2.42	2.31	4.55	3.33	0.61		
SEK-053		3/8	2.91	3.53	3.85	3.69	2.54	2.54	5.3				
SEK-053S	3/8		3.62	4.41	4.78	4.68	3.23	3.13	4.63	3.37	0.63		
SEK-082		1/4	1.89	2.31	2.28	2.45	1.69	1.58	5.63			3.86	2.5
SEK-082S	1/4		2.55	3.12	3.46	3.34	2.23	2.23	5.28	4.06	0.61		
SEK-083		3/8	3.33	4.01	4.35	4.36	2.94	2.84	6.02				
SEK-083S	3/8		3.76	4.56	4.88	4.78	3.29	3.19	5.35	4.09	0.63		
SEK-084		1/2	5.56	6.75	7.32	7.13	4.96	4.76	6.18				
SEK-084S	1/2		5.88	7.12	7.74	7.55	5.12	5.07	5.42	4.17	0.62		
SEK-162		1/4	1.98	2.36	2.57	2.44	1.72	1.63	6.56	5.25			
SEK-162S	1/4		2.55	3.12	3.45	3.32	2.19	2.19	6.19				
SEK-163		3/8	3.19	3.88	4.25	4.11	2.78	2.71	7.01				
SEK-163S	3/8		3.61	4.41	4.79	4.77	3.16	3.13	6.17	5.08	0.54		



FILTERS

LIQUID LINE FILTER DRIERS

DIAGRAM



Part No.	Conecction Size(IN)		Liquid Low Capacity (Tons)						Dimensions (IN)				
	ODF	SAE	R134a	R12	R22/R410a	R407a	R404a/R507	R502a	A	B	D	E	F
SEK-164		1/2	5.88	7.14	7.81	7.77	5.23	5.12	7.17			4.84	2.5
SEK-164S	1/2		7.1	8.5	9.22	9.01	6.21	6.02	6.23	5.16	0.54		
SEK-165		5/8	8.02	9.71	10.45	10.32	7.01	6.82	7.6				
SEK-165S	5/8		8.32	10.12	10.94	10.77	7.32	7.12	6.42	5.24	0.59		
SEK-167S	7/8		12.78	15.56	16.87	16.54	11.26	10.92	7.05	5.24	0.91		
SEK-303		3/8	3.61	4.34	4.71	4.61	3.16	3.11	9.51				3
SEK-303S	3/8		5.23	6.36	6.87	6.78	4.63	4.45	8.84	7.58	0.63		
SEK-304		1/2	6.64	8.13	8.89	8.64	5.92	5.71	9.67				
SEK-304S	1/2		8.78	10.62	11.52	11.36	7.74	7.53	9	7.66	0.67		
SEK-305		5/8	8.78	10.69	11.56	11.35	7.74	7.54	10.1				
SEK-305S	5/8		10.32	12.51	13.52	13.33	9.12	8.84	9.23	7.74	0.75		
SEK-306		3/4							10.45				
SEK-306S	3/4		12.12	14.84	16.06	15.75	10.71	10.44	9.31	7.74	0.79		
SEK-307S	7/8		13.84	16.84	18.23	19.72	12.23	11.84	9.78	7.74	1.02		
SEK-309S	1-1/8		16.12	19.63	21.25	20.84	14.21	13.84	10	7.89	1.06		
SEK-413		3/8	3.59	4.39	4.75	4.65	3.16	3.09	9.87				3.5
SEK-413S	3/8								9.2	7.94	0.63		
SEK-414		1/2	8.55	10.41	11.32	11.15	7.51	7.31	10.03				
SEK-414S	1/2		8.98	10.85	11.74	11.52	7.84	7.61	9.36	7.94	0.71		
SEK-415		5/8	9.95	12.06	13.05	12.84	8.74	8.54	10.46				
SEK-415S	5/8		13.98	17.02	18.41	18.18	12.3	12	9.28	7.94	0.67		
SEK-417S	7/8		16.66	20.35	22.01	21.6	14.78	14.35	9.91	8.02	0.94		
SEK-419S	1-1/8		22.75	27.78	30.25	29.41	20.14	19.51	10.37	8.02	1.17		
SEK-757S	7/8		18.25	22.22	24.15	23.65	16.15	15.62	15.46	13.65	0.91		
SEK-759S	1-1/8		26.8	32.87	35.41	34.84	23.7	23.01	15.92	13.65	1.14	13.26	

FILTERS

SFK SERIE TWO WAY HEAT PUMP DRIER FILTER FILTER DRIERS

REMARK:

- › 1: Capacity to work status: liquid refrigerant temperature $t_c=30^{\circ}\text{C}$, saturated evaporation temperature $=-15^{\circ}\text{C}$, the pressure drop $\Delta p = 0.07 \text{ bar}$
- › It's not recommended used when pressure drop Δp over than 0.14 bar
- › UL Certified

Part No.	Conection Size(IN)					Dimensions (MM)			
	ODF	SAE	R22	R410A	R407C	A	B	D	L
SFK-083S	3/8		17,8	17,8	17,4	19	100	63,5	138
SFK-084S	1/2		23,6	23,6	23,2	20	100	63,5	140
SFK-085S	5/8		28,5	28,5	27,8	24	100	63,5	148
SFK-163S	3/8		18,3	18,3	17,9	19	110	76	148
SFK-164S	1/2		28,5	28,5	27,8	20	110	76	150
SFK-165S	5/8		30,6	30,6	29,9	24	110	76	158
SFK-167S	7/8		40,2	40,2	39,6	28,5	110	76	167



COIL CLEANERS AND ACCESORIES - NU-CALGON



NU-BRITE

4291-08

1 gallon bottle

A non-acid, alkaline-based product for cleaning and brightening air cooled condensers. It is formulated with the best available foaming detergents and chelants to quickly penetrate and dissolve greasy dirt and grime and foam it right out of the coil. The safer alternative to acids. Nu-Brite 4X is a new concentrate version available in a ready-to-use quart bottle. One concentrate quart equals one gallon traditional Nu-Brite (at 4:1 dilution use).



Protect drain pan against clogs.



Cuts through grease and grime better than acids.



High foaming chemistry to lift dirt out of the coil.



Brightens the condenser coils extremely well.



Available in traditional and concentrate formulas.



Biodegradable.



EVAP POW'R

4168-08

1 gallon bottle

Evap Pow'r is a "no-rinse" product formulated for cleaning indoor evaporator coils. The green-colored, slightly alkaline liquid is metal-safe and therefore will not harm the coil's metal surfaces when left in contact with them even in a no-rinse application. It cleans and emulsifies the most stubborn soils and deposits, and is biodegradable as well as USDA-Authorized.



Highest technology in "no-rinse" coil cleaning.



Cleans and emulsifies stubborn soils and deposits.



Will not harm evaporator coil's metal surfaces.



Alkaline, near neutral pH formulation.



Biodegradable and USDA Approved.



Available in concentrate formula.



TRI-POW'R® HD

4371-88

1 gallon bottle

Tri-Pow'r HD is perfect for cleaning air-cooled condensers, evaporator coils, permanent filters, fan blades, motors and other general cleaning needs. Tri-Pow'r HD is a heavy duty alkaline cleaner that is very unique when compared to other similar alkaline coil cleaners. It's based upon positive emulsion technology which is the most effective technology used for removing grease and grime.



For cleaning air-cooled condensers / evaporators, permanent filters, fan blades.



Detergent - Degreaser - Deodorizer.



Ideal for microchannel or any coil design.



Rapid emulsification of grease and grime.



Available in traditional and concentrate formulas.



Aerosol provides a powerful foaming spray.

COIL CLEANERS AND ACCESORIES - NU-CALGON



EVAP-FRESH™ NO RINSE

4166-08

1 gallon bottle

Evap-Fresh No Rinse is a ready-to-use, non-abrasive, one-step cleaner and disinfectant for evaporator coils in small air conditioners, commercial air handling equipment, HVAC cooling coils and refrigeration equipment. It is the first product of its kind in the industry to receive EPA registration for such claims.



Cleans and deodorizes in one easy step.



EPA registered for the HVAC application.



Ready-to-use disinfectant formula.



No rinsing required.



Eliminates odors.



Cuts dirt and grime.



BIO-FRESH CD®

4126-38

1 gallon bottle

Bio-Fresh cd is a ready-to-use bacteriostat, fungistat and deodorizer based upon chlorine dioxide technology. It is recommended for control of bacteria, mold, mildew, fungi and yeast in IAQ applications. Its EPA registration includes application in HVACR ventilating equipment, including coils, condensate pans, filters and duct-work.



A concentrated ready-to-use bacteriostat that is a fungistat and deodorant.



EPA registered for application in HVACR systems No. 9804-3-65516.



Can be sprayed in occupied areas.



Kills odors and controls bacteria.



Eliminates odors where they exist.



SPRAY NINE

61110

1 gallon bottle

Spray Nine digs out tough grease, grime, and other stubborn soils with "spray on, wipe off" ease from stainless steel, plastic, glazed tile, rubber, vinyl, fiberglass sinks, glazed porcelain, formica, and other hard surfaces.



Tough task cleaner.



Broad spectrum disinfectant.



EPA - Registered to kill harmful germs. Like HIV-1, Influenza, H1N1, Staphylococcus Aureus, Salmonella, Choleraesuis and E. Coli, in 45 Seconds.



Prevent cross contamination.



USDA Authorized.

COIL CLEANERS AND ACCESORIES - NU-CALGON



DURACOIL

4083-90

11 ounce can

DuraCoil is a specially formulated coil and surface protectant for HVACR components. The product is an aerosol based, air-dry phenolic brown colored coating designed to extend the life of the coil or other system component in a corrosive environment. The coating is field proven – used successfully by OEMs for many years - but now available through Nu-Calgon as DuraCoil for field service when durable protective coil treatment is required to extend service life.



For coils in coastal regions, or in industrial or agricultural settings.



Durable, OEM-approved Heresite® coating.



Protects coils from corrosion.



DuraCoil is a brown-colored coating.



Great to repair an OEM coil coating.



Protects refrigeration coils against food acids.



Fast, air-dry formula bonds to all metals.



CAL-BLUE PLUS

4182-08

1 gallon bottle

Cal-Blue products are the complete gas leak detector. Not only do they detect the smallest leak, they also provides other significant benefits. The high viscosity formula provides long lasting bubbles, and enables the product to remain in contact with the applied surface for an extended period of time, thereby allowing the smallest of leaks to be detected. It is also non-corrosive to metal, and this is a significant feature as it helps to maintain the integrity of piping, tubing and fittings.



Formulación de alta viscosidad para mejorar el tiempo de contacto.



Apto para todos los refrigerantes, gas natural y oxígeno.



Puede utilizarse a temperaturas de hasta 225°F.



No afecta a las luces ultravioletas.



Burbujas de larga duración.



No corrosivo para los metales.



SEAL-IT™

4050-48

Systems 1.5 to 5 tons

Seal-It™ is a new quality refrigerant leak sealant from Nu-Calgon, the most trusted brand in leak sealant technology. Its easy injection method makes pumping down the unit a thing of the past.



Powerful sealing strength.



Installs in seconds.



Creates a permanent seal



Works with all refrigerants.



For residential or light commercial systems 1.5 to 5 tons.

COIL CLEANERS AND ACCESORIES - NU-CALGON



GEL TABS

4185-95

1.5 ton Tabs - (2 per bag)

Gel Tabs are formulated with a breakthrough gel locking technology for treating air conditioning drain pans and lines. Keeps the drain pan from clogging and eliminates foul and musty odors.



Protects drain pan against clogs.



Gel formulation locks tab into place.



Completely dissolves.



Up to 3 months of protection.



Eliminates foul & musty odors.



Mini tabs designed specifically for minisplits and ductless units.



A/C SHINE

61118

12 Oz.

A/C Shine is specially formulated to clean and protect the painted metal surfaces of outdoor A/C condensing units. A/C Shine cleans dirt and stains, restores, shine, and leaves a protective finish against harmful outdoor elements like UV rays. It sprays on and wipes off quickly and easily without water. To provide the perfect finish, use A/C Shine on every service call.



Spray on - wipe off.



Cleans & protects in minutes.



Removes dirt & stains.



Restores original shine.



The perfect "Finish" to every job.



For use on all painted metal surfaces of outdoor A/C condensing units.



MINIFRESH®

61065

MiniFresh

ClenAir MiniFresh is not a perfume mask or cover-up. The unique ClenAir formula molecularly reacts with the airborne odor-causing compounds and eliminates them and other indoor pollutants leaving clean, fresh, air behind. The MiniFresh makes it easy to remove odors and improve the indoor air quality in the entire home or building by treating the air through the HVAC system.



Eliminates odors & improves indoor air quality.



Unique self-feeding package.



A true odor neutralizer - not an odor mask or cover-up.



Ideal for mini-splits, PTACS, hotel units, and other tight fit applications.



Keeps mini-splits coil and blower clean and fresh.



treats up to one 12,000 BTU indoor unit for up to 3 months.

COIL CLEANERS AND ACCESORIES - NU-CALGON



PHASE III REFRIGERATION OIL ACID TEST KIT

4320-W8

1 box

Phase III is an inexpensive, disposable, extremely accurate and universal acid test kit.

The concentrate of acid in refrigeration oil is expressed as an acid number in mg of KOH per gram of oil (milligrams of potassium hydroxide per gram of oil). The acid number is a measure of the amount of hydroxide solution needed to neutralize the acid in the oil. The more acid there is in the oil, the more potassium hydroxide is needed to neutralize it and, so, the higher the acid number.



Mineral oils.



Alkylbenzene oils like Zerol.



EMKARATE RL and Copeland polyol esters.



Polyvinyl ether (PVE) lubricants.



NU-CALGON

QUALITY PRODUCTS FOR AIR CONDITIONING

Nu-Calgon markets and distributes a complete line of specialty chemical products for the HVACR aftermarket. These include coil cleaners, leak sealants, air purifiers and refrigeration oils, as well as products for water treatment, ice machine maintenance, and other specialty applications. These products are marketed to air conditioning, heating, refrigeration and plumbing wholesalers, as well as food service/restaurant suppliers and OEMs.

Nu-Calgon, formerly part of Calgon Corporation and Calgon Vestal Laboratories, has been a leader in the HVACR aftermarket for the past 70 years. It is strategically headquartered in St. Louis, Missouri, where it distributes its products from a 100,000 square-foot warehouse.

Nu-Calgon has 32 factory sales professionals located across the United States and Canada, providing many years of sales and product experience. A customer-oriented automated telephone system accepts orders 24 hours a day, 7 days a week via fax and email, and it can also connect you to the voice mailbox of all Nu-Calgon personnel.

A state-of-the-art order entry system accesses the Nu-Calgon inventory at the centralized distribution center, enabling prompt, accurate order processing and complete order shipment within 24 hours.

UV LAMPS



MICROPURE®

14013 MicroPure Unit, MX4 9" 24V

Breathe better

The MicroPure® Total Home Active Air Purifier uses a unique new indoor air quality process to naturally produce airborne scrubbers that actively seek out and destroy indoor pollutants in the air, on surfaces, and wherever the air goes.

Specifications

Models	Dimensions	Weight	Output	Sizing
9"	6"11"6"	3 lb	13.3 w	3-5 ton

Mounting plate dimensions

8"8"

Electrical

The MicroPure® air purifier is available in 24V 50/60Hz and 120V/230V 50/60Hz (auto-switching) power supply models. The unit uses a detachable 9.8 ft power cord.

Warranty details

2 Year UV Lamp, 4 Year MX4 Core, 5 Year Power Supply



The ETL mark, short for Edison Testing Laboratories, is, in part, an equipment safety certification program operated by the laboratory, Intertek. Intertek is one of the few NRTLs (Nationally Recognized Testing Laboratories), a third-party testing program which is overseen by OSHA. The ETL Mark includes a number of different variations that are designed to fit within the safety and/or sanitation standards of the product, including the operating and purchasing regions.



LIGHTSTICK UV

19300 Lightstick Unit - 15"

New Lightstick Unit - 15" Germicidal UV Lamp FOR AIR HANDLER UNITS AND FAN COILS



Works in conjunction with your air filter 24/7 to disinfect cooling coils, drain pans, and duct surfaces.



Fights mold and bacteria growth for optimal coil purification.



24V power module.



Expanded range ballast operates over a range of 20V to 32V and offers 3000V surge protection.



Direct Connect™ custom design allows lamp to be installed directly in A-coil delta plate for optimal UV exposure.



Custom bracket offer remote mount capability.



Quick disconnect lamp connection enables easy lamp replacement.



Purifi compatible for real time lamp status alerts (Patent Pending).

Specifications

Dimensions	Weight	Bracket
3.16"4.75"1.75"	2 lb	2.25"3.5"3.5"

29.233

15"

Length

9,000

Hour life

Electrical

24V (Expanded Range Ballast: 20V-32V), 50/60HZ, 1.4A, 3000V Surge Protection, 3-FT Power Cord, 4-FT Lamp Cord.

Warranty details

4-year on power module / 1-year on lamp



Ozone free



Water resistant



The ETL mark, short for Edison Testing Laboratories, is, in part, an equipment safety certification program operated by the laboratory, Intertek. Intertek is one of the few NRTLs (Nationally Recognized Testing Laboratories), a third-party testing program which is overseen by OSHA. The ETL Mark includes a number of different variations that are designed to fit within the safety and/or sanitation standards of the product, including the operating and purchasing regions.

UV LAMPS



MINISTICK UV

19401 Mini Stick UV For mini splits units up to 3 tons

Mini-Stick UV, 230V for mini splis units



Germ Reducing UV light for Ductless Mini-Split Units.



9" long by 3/8" diameter miniature shielded UV lamps.



Small enough to fit in tight ductless Mini-Split applications.



High ambient temperature operation.



Comprehensive HALT testing for improved reliability.



Professionally engineered injection molded thermoplastic to polymer high strength ballast housing.



2 year bulb warranty and 2 year ballast warranty.



Proprietary clockable lamp mount design for optimizing UV intensity.



Quick release lamp connectors for ease of lamp replacement.



High strength alloy mounting hardware.



High strength / Heavy duty lamp shield to protect lamp from breakage.

Specifications

Ballast	Weight	Bracket
4x1.5 inch	0.5 lb	2.25x3.5x3.5 inch
Lamp		
9"	0.4"	
Length	Diameter	
Electrical		
120 or 230 VAC		

Warranty details

2-year on power module / 2-year on lamp



Ozone free



Water resistant



The ETL mark, short for Edison Testing Laboratories, is, in part, an equipment safety certification program operated by the laboratory, Intertek. Intertek is one of the few NRTLs (Nationally Recognized Testing Laboratories), a third-party testing program which is overseen by OSHA. The ETL Mark includes a number of different variations that are designed to fit within the safety and/or sanitation standards of the product, including the operating and purchasing regions.



MINI UV LED

TUV-MINI-LED

Mini UV LED is the first-of-its-kind UV light LED system for mini-splits and similar limited space applications. Like all A/C systems, mini-splits are prone to internal mold growth and microbial contamination, particularly on and near the blower wheel. The LED light strip in Mini UV LED is designed to sterilize surfaces while having no impact on plastic materials.



Fits mini-split & ceiling cassette A/C systems.



UV LED spectrum is safe for eyes & plastics.



Replacable 40" Adhesive LED strip.



50,000+ hour expected LED life.



LED strip trimmable in 4" increments.



120-277 VAC power supply.



5 year warranty on all parts.

Specifications

LED strip	Weight	LED life
40x0.375 inch	1 lb	50,000 Hour life
Electrical		
120, 230, 277 V ~ 0.47 A, 50/60 Hz		
PF ≥ 0.9, THD ≤ 20%		
Kit includes		
40" LED strip, LED driver, #8 pan screws, panduit straps, warning stickers, manual		

Warranty details

All parts 5 years

AIR FILTERS

AAF INTERNATIONAL

Daikin together with our counterpart AAF Flanders, who is the leading provider of air filtration solutions that helps companies in creating superior air quality; offer a comprehensive lineup of air filters and clean room equipment crucial to various industries including semiconductors, precision equipment, pharmaceuticals, healthcare, food, and building HVAC systems.

We offer innovative air filtration solutions designed to remove and control airborne particles and gaseous contaminants.

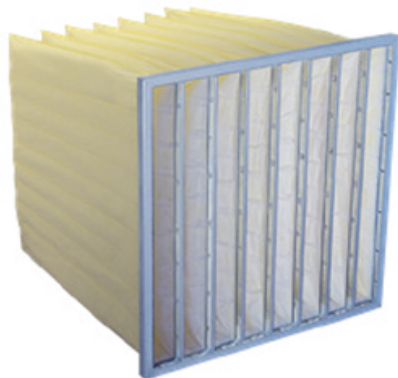


PLEATED FILTERS

PREpleat® M13 / PREpleat M11 SC /
MEGApleat® M9 / PerfectPleat® SCM8

Typical Applications

- Commercial Buildings
- Food and Beverage
- Healthcare
- Agriculture & Tobacco
- Pharmaceutical
- Hospitality
- Schools and Universities
- Museums & Historic Storage



BAG FILTERS

DriPak® 2000

Typical Applications

- Automotive
- Commercial Buildings
- Data Centers
- Food and Beverage
- Hospitality
- Industrial
- Schools and Universities

AIR FILTERS

AAF INTERNATIONAL

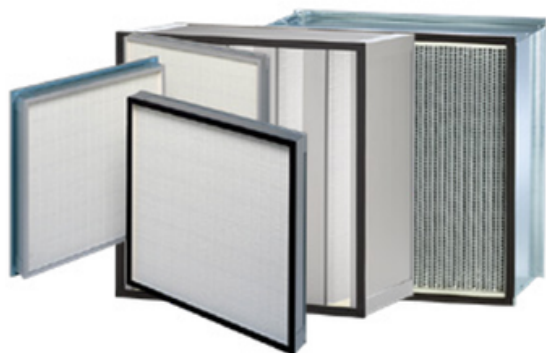


BOX FILTERS

VariCel® / VariCel II MH / BioCel® VXL

Typical Applications

- Health care
- Commercial Buildings
- Hospitality
- Pharmaceutical
- Food and Beverage
- Agriculture & Tobacco
- Data Centers
- Schools and Universities
- Museums & Historic Storage



HEPA - ULPA FILTERS

AstroCel® I / AstroCel® II / AstroCel® III

Typical Applications

- Commercial Buildings
- Data Centers
- Food and Beverage
- Healthcare
- Industrial
- Microelectronics
- Pharmaceutical

TOOLS

RATCHET WRENCH



Part No.	OD Tubing
LT-122	1/4"、3/16"、5/16"、3/8"

Part No.	OD Tubing
LT-123	1/4"、3/16"、9/16"、1/2"

SWAGING PUNCH



Part No.	Description
LT-193	1/4" ~ 5/8"

TURNING REAMER



Part No.	Description
LT-210	Turning Reamer

CURVING PLIERS



Part No.	Description
LT-999N	1/4" ~ 7/8" With tube cutter

TOOLS

SPRING BENDER



Part No.	OD Tubing
LT-102	1/4" 5/16" 3/8" 1/2" 5/8" 3/4"

INSULATION FOAM TAPE



Part No.	Width	Length	Thickness
RI-350	50mm	10m	3mm

COIL FIN STRAIGHTENER



Part No.	Spacing per inch
LT-352	Fin Straightner

90 TUBE BENDER 3-IN-1



Prevents pipe sweat. Can also be used to reduce heat loss on hot pipes below 160°F. Easily cuts into pieces and molds around fittings and valves. Adheres to clean metal surfaces and to itself.

Part No.	O.D. Tubing
LT-368	1/4" ~3/8"

TOOLS

45°COMMON EXTRUSION TYPE FLARING TOOL KITS



Part No.	Description
LT-1226A	LT-195A(Flaring tool 3/16" ~5/8")<-274(Tube cutter 1/8" ~1-1/8")

45°TRADITIONAL EXTRUSION TYPE FLARING TOOL KITS



Part No.	Description
LT-275A	For 1/8" ~3/4" 5Swage adapters 3-in-1(3/16", 1/4", 3/8")~3/4" The 45°cone for flare

Part No.	Description
LT-278A	LT-275 45° Flaring Tools&5 Swage Adapters LT-274 Tube cutter 1/8"~1-1/8" LT-122 Ratchet Wrench(1/4", 3/8", 3/16", 5/16")



Part No.	Description
LT-8030	Tool sets

Part No.	Description
LT-8032	Tool sets

45°ECCENTRIC CONE TYPE FLARING TOOLS



Part No.	Description
ZR-808-F	For 1/8" ~3/4" LT-274<-208

TOOLS

TUBE CUTTERS



Part No.	Description	O.D. Size
LT-274	Tube Cutter	1/8" ~ 1-1/8"



Part No.	Description	O.D. Size
LT-206	Tube Cutter	3/16" ~ 2-5/8"



Part No.	Description	O.D. Size
LT-312	Tube Cutter	1/4" ~ 2-5/8"



Part No.	Description	O.D. Size
CT-105	Heavy-Duty Tube Cutter	1/8" ~ 1-1/4"

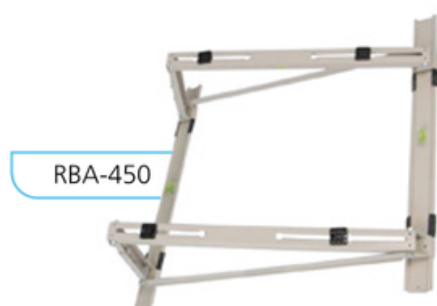
MINI SPLIT WALL MOUNTING BRACKET SETS

MINI SPLIT WALL MOUNTING BRACKET SETS

FEATURES:

- › Made of pressed Steel
- › Painted with highly weatherproof polyester powder
- › Fast and easy for installation
- › All the screws supplied are galvanized
- › Pre-assembled

Model	Description	Thickness (mm)	Range
RBA-450	800X450X450	2.0	9,000 - 36,000 BTU
BRA-2001	790x390x450	2.0	9,000 - 18,000 BTU
BRA-2002	790x390x550	2.0	18,000 - 36,000 BTU
BRA-100	390x450	1.5	9,000 - 12,000 BTU



THERMOMETERS

DIGITAL THERMOMETER

FEATURES:

- › Internal panel
- › Battery front replacement
- › Product size: 62.5 x 29.5 x 19.0 mm
- › Installing size: 59.5 x 25.0 mm
- › Temperature range: -50°C to 70°C

Part No.	Battery Replacement	Temperature Range
TPM-10F	Two button batteries(LR44, 1.5V)	-50°C~70°C



Part No.	Battery Replacement	Temperature Range
ET7620	button battery 1.5V LR44	-40°C~200°C



Part No.	Battery Replacement	Temperature Range
PT100	No battery	0~220°F



Part No.	Battery Replacement	Temperature Range
HT390	2*1.5V AAA battery	-30°C~70°C



Part No.	Battery Replacement	Temperature Range
HT550	9V battery	-50°C~550°C



MULTIMETERS

MULTIMETER MODEL NO. DT-266

FEATURES:

- › DCV
- › ACV
- › ACA
- › OHM
- › Temperature
- › Diode, continuity test



MULTIMETER MODEL NO. MT-87

FEATURES:

- › Model No.
- › Features:
- › DCV
- › ACV
- › ACA
- › OHM
- › Diode, continueity test
- › Data hold



MULTIMETER MODEL NO. CXL9905

FEATURES:

- › DC Voltage
- › AC Voltage
- › DC Current
- › AC Current
- › Resistance
- › Capacitance
- › Power



MULTIMETER MODEL NO. HK3366

FEATURES:

- › DCV
- › ACV
- › ACA
- › Resistance
- › Diode
- › Auto Power Off
- › Non-Contact Voltage Detector
- › Continuity buzzer
- › Data Hold
- › Work Light
- › Low Battery Indication



MULTIMETERS

CLAMP METER

MODEL NO. VC3267B

FEATURES:

- › Auto-Ranging
- › ACA.AC.V.AC.V
- › Frequency
- › Capacitor
- › Temperature
- › Resistance
- › Continuty buzzer
- › Diode
- › Data hold
- › Low battery indication
- › "Func" and "Rel" Fuction



ANENOMETER

MODEL NO. HT816

FEATURES:

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



MULTIMETER

MODEL NO. CXL9905

FEATURES:

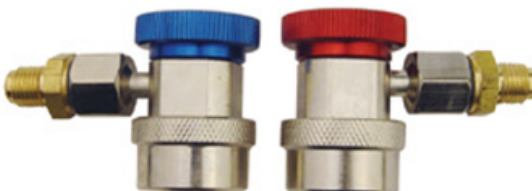
- › DC Voltage
- › AC Voltage
- › DC Current
- › AC Current
- › Resistance
- › Capacitance
- › Power



COUPLER

QUICK COUPLER

Part No.	Description
400QC17L/H	1/4" 1/2"



ISOLATION PIPE

PIPE INSULATION TUBE



3/8" Wall - 6 Foot Lengths (unslit) / Core used on tubes 2-5/8" ID and above								
Part Number	Description	Linear Feet Per Carton	Pieces Per Carton	Insulation Nominal I.D.	Copper Tube Size (Nom. I.D. Plumbing)	Copper Tube Size (O.D. HVAC/R)	IPS Nominal	Weight Lbs
6RX038028	INSUL-TUBE, 1/4" X 3/8" W X 72", 630/105 PIECES	630	105	1/4"	1/8"	1/4"	--	18,0
6RX038038	INSUL-TUBE, 3/8" X 3/8" W X 72", 612/102 PIECES	612	102	3/8"	1/4"	3/8"	1/8"	19,0
6RX038048	INSUL-TUBE, 1/2" X 3/8" W X 72", 432/72 PIECES	432	72	1/2"	3/8"	1/2"	1/4"	27,0
6RX038058	INSUL-TUBE, 5/8" X 3/8" W X 72", 378/63 PIECES	378	63	5/8"	1/2"	5/8"	3/8"	28,0
6RX038068	INSUL-TUBE, 3/4" X 3/8" W X 72", 342/57 PIECES	342	57	3/4"	5/8"	3/4"	--	30,0
6RX038078	INSUL-TUBE, 7/8" X 3/8" W X 72", 288/48 PIECES	288	48	7/8"	3/4"	7/8"	1/2"	15,0
6RX038118	INSUL-TUBE, 1-1/8" X 3/8" W X 72", 216/36 PIECES	216	36	1-1/8"	1"	1-1/8"	3/4"	25,0
6RX038138	INSUL-TUBE, 1-3/8" X 3/8" W X 72", 168/28 PIECES	168	28	1-3/8"	1-1/4"	1-3/8"	1"	16,0
6RX038158	INSUL-TUBE, 1-5/8" X 3/8" W X 72", 150/25 PIECES	150	25	1-5/8"	1-1/2"	1-5/8"	1-1/4"	26,0
6RX038200	INSUL-TUBE, 2" X 3/8" W X 72", 120/20 PIECES	120	20	2"	--	--	1-1/2"	25,0
6RX038218	INSUL-TUBE, 2-1/8" X 3/8" W X 72", 96/16 PIECES	96	16	2-1/8"	2"	2-1/8"	--	14,0

1/2" Wall - 6 Foot Lengths (unslit) / Core used on tubes 2-3/8" ID and above								
Part Number	Description	Linear Feet Per Carton	Pieces Per Carton	Insulation Nominal I.D.	Copper Tube Size (Nom. I.D. Plumbing)	Copper Tube Size (O.D. HVAC/R)	IPS Nominal	Weight Lbs
6RX048028	INSUL-TUBE, 1/4" X 1/2" W X 72", 510/85 PIECES	510	85	1/4"	1/8"	1/4"	--	20,0
6RX048038	INSUL-TUBE, 3/8" X 1/2" W X 72", 456/76 PIECES	456	76	3/8"	1/4"	3/8"	1/8"	21,0
6RX048048	INSUL-TUBE, 1/2" X 1/2" W X 72", 360/60 PIECES	360	60	1/2"	3/8"	1/2"	1/4"	29,0
6RX048058	INSUL-TUBE, 5/8" X 1/2" W X 72", 324/54 PIECES	324	54	5/8"	1/2"	5/8"	3/8"	30,0
6RX048068	INSUL-TUBE, 3/4" X 1/2" W X 72", 270/45 PIECES	270	45	3/4"	5/8"	3/4"	--	19,0
6RX048078	INSUL-TUBE, 7/8" X 1/2" W X 72", 228/38 PIECES	228	38	7/8"	3/4"	7/8"	1/2"	19,0
6RX048118	INSUL-TUBE, 1-1/8" X 1/2" W X 72", 156/26 PIECES	156	26	1-1/8"	1"	1-1/8"	3/4"	17,0
6RX048138	INSUL-TUBE, 1-3/8" X 1/2" W X 72", 120/20 PIECES	120	20	1-3/8"	1-1/4"	1-3/8"	1"	24,0
6RX048158	INSUL-TUBE, 1-5/8" X 1/2" W X 72", 114/19 PIECES	114	19	1-5/8"	1-1/2"	1-5/8"	1-1/4"	16,0
6RX048200	INSUL-TUBE, 2" X 1/2" W X 72", 114/19 PIECES	114	19	2"	--	--	1-1/2"	27,0
6RX048218	INSUL-TUBE, 2-1/8" X 1/2" W X 72", 102/17 PIECES	102	17	2-1/8"	2"	2-1/8"	--	26,0

3/4" Wall - 6 Foot Lengths (unslit) / Core used on tubes 3-1/2" ID and above								
Part Number	Description	Linear Feet Per Carton	Pieces Per Carton	Insulation Nominal I.D.	Copper Tube Size (Nom. I.D. Plumbing)	Copper Tube Size (O.D. HVAC/R)	IPS Nominal	Weight Lbs
6RX068028	INSUL-TUBE, 1/4" X 3/4" W X 72", 240/40 PIECES	240	40	1/4"	1/8"	1/4"	--	16,0
6RX068038	INSUL-TUBE, 3/8" X 3/4" W X 72", 228/38 PIECES	228	38	3/8"	1/4"	3/8"	1/8"	18,0
6RX068048	INSUL-TUBE, 1/2" X 3/4" W X 72", 228/38 PIECES	228	38	1/2"	3/8"	1/2"	1/4"	20,0
6RX068058	INSUL-TUBE, 5/8" X 3/4" W X 72", 180/30 PIECES	180	30	5/8"	1/2"	5/8"	3/8"	19,0
6RX068068	INSUL-TUBE, 3/4" X 3/4" W X 72", 144/24 PIECES	144	24	3/4"	5/8"	3/4"	--	18,0
6RX068078	INSUL-TUBE, 7/8" X 3/4" W X 72", 126/21 PIECES	126	21	7/8"	3/4"	7/8"	1/2"	17,0
6RX068118	INSUL-TUBE, 1-1/8" X 3/4" W X 72", 90/15 PIECES	90	15	1-1/8"	1"	1-1/8"	3/4"	17,0
6RX068138	INSUL-TUBE, 1-3/8" X 3/4" W X 72", 78/13 PIECES	78	13	1-3/8"	1-1/4"	1-3/8"	1"	16,0
6RX068158	INSUL-TUBE, 1-5/8" X 3/4" W X 72", 72/12 PIECES	72	12	1-5/8"	1-1/2"	1-5/8"	1-1/4"	28,0
6RX068200	INSUL-TUBE, 2" X 3/4" W X 72", 66/11 PIECES	66	11	2"	--	--	1-1/2"	24,0
6RX068218	INSUL-TUBE, 2-1/8" X 3/4" W X 72", 60/10 PIECES	60	10	2-1/8"	2"	2-1/8"	--	17,0

PC BOARDS

KIT FOR ... MODEL QD-U10A

FEATURES:

- › High quality, full function. It is suitable for both split and cabinet conditioner. In control and display panel, you can see all state and control all function. And the manipulation is so simple as that the child and old man can control the conditioner without any difficulty.
- › LED digital display panel
- › Full function
- › Convenient and simple



KIT FOR ... MODEL QD-U11A

FEATURES:

- › Compared with QD-U10A, it has added Auto Restart Function
- › High quality, full function. It is suitable for both split and cabinet conditioner. In control and display panel, you can see all state and control all function. And the manipulation is so simple as that the child and old man can control the conditioner without any difficulty.



KIT FOR ... MODEL QD-U12A

FEATURES:

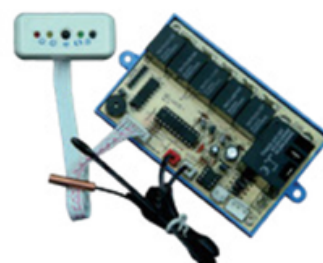
- › LCD backgroud light display panel
- › Anions fresh air function
- › Other features same as QD-U11A
- › Auxiliary heating function
- › Power protection



KIT FOR ... MODEL QD-U03C+

FEATURES:

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



PC BOARDS

KIT FOR ON/OFF MINISPLIT SYSTEMS MODEL MCRC-001

FEATURES:

- › Temperature control
- › Time control
- › 3 fan speeds
- › Cold-Warm control
- › Automatic inspection
- › Forced emergency start
- › Delay compressor for protection
- › Power input: 220-240, 50/60Hz
- › New with Auto Restart



KIT FOR INVERTER MINISPLIT SYSTEMS MODEL MCRC-002

FEATURES:

- › Temperature control
- › Time control
- › 3 fan speeds
- › Cold-Warm control
- › Wide-Force control
- › Power input: 220-240, 50/60Hz



DUAL VOLTAGE KIT FOR FAN COILS AND FLOOR CEILING UNITS MODEL MCRC-001

FEATURES:

- › High quality, full function
- › It's suitable for both split and cabinet air conditioner
- › Remote control and display panel show all state and control all functions
- › Power input: 100-240, 50/60Hz. Can be used in 115V minisplits
- › Delay compressor for protection
- › 3 fan speeds
- › Heater function
- › Swing function
- › Cold-Warm control



VACUUM PUMPS

2 STAGE VACUUM PUMP

SPECS:

- › Ultimate Vacuum 15 microns
- › Motor: 1/3 Hp
- › LCD backlight
- › Speed: 1,720 Rpm
- › Net Weight: 8.8 Kg

Part No.	Description
2LT-6.0D	110V/60Hz(7CFM) or 220V/50Hz(6CFM); 3/4HP

Part No.	Description
2LT-10.0D	110V/60Hz(12CFM) or 220V/50Hz(10CFM); 1HP

Part No.	Description	Power
2LVP-1.5MP	2.5 CFM, 2 stage Vacuum Pump	115-120V/1Ph/50-60Hz



SCALES

SCALE

SPECS:

- › Has memory function
- › Designed within CE guideline



Part No.	Capacity	Accuracy	Resolution	Plate Form Size	Weight	Power	Readout	Operating Temp	Storage Temperature Range	Auto Off
WPS100	100kg/220lbs	+/-0.5% of reading	+/-0.2oz/0.01lbs/5g	23*23CM	3.3KG	2pcs 9V batteries include (60hours)	Imprial/Metric	32°F~122°F (0~50 °C)	-4°F~158°F (-20~70°C)	15 min

SCALE

SPECS:

- › Schrader valve prevents back flow through solenoid
- › Has memory function
- › Designed within CE guideline



Part No.	Capacity	Accuracy	Resolution	Plate Form Size	Weight	Power	Readout	Operating Temp	Storage Temperature Range	Auto Off
WPS100B	100kg/220lbs	+/-0.5% of reading	+/-0.2oz/0.01lbs/5g	23*23CM	3.6KG	2pcs 5AA batteries include (60hours)	Imprial/Metric	32°F~122°F (0~50 °C)	-4°F~158°F (-20~70°C)	15 min

ELECTRONIC SCALE

SPECS:

- › Wireless Eletronic Refrigerant Charging Scale

Part No.	Description	Power
LMC-310	100kg/220lb	5AAA batteries



VALVES

ACCESS VALVE

Part No.	Description	Bag	Master box
AV04A07T	1/4"OD*7CM, THICKNESS 0.5MM, VALVE BODY:23mm	10	800

Part No.	Description	Bag	Master box
AV-14	1/4" Tubing	50	500

Part No.	Description	Bag	Master box
AV-316	3/16" Tubing	50	500



GRILLS AND DIFFUSERS

CEILING DIFFUSER DAMPER SQUARE

FEATURES:

- › Extrude aluminium construction
- › Electro-static powder coating finish with white paint, other colors available
- › Available in 1, 2, 3 and 4 ways

SPECS:

- › Material: Aluminum
- › Neck Size: W*H
- › Face Size: =Neck Size+3 1/4inch



Model	CD-SA4B15+ODB	CD-SA4B35+OBD	CD-SA4B40+OBD
Description	NECK:15*15CM, WITH DAMPER	NECK:35*35CM, WITH DAMPER	NECK:40*40CM, WITH DAMPER

AIR DIFFUSER DAMPER ROUND



Model	CD-R150	CD-R200	CD-R250	CD-R300	CD-R350
Description	NECK:D=6", WITH DAMPER, ROUND	NECK:D=8", WITH DAMPER, ROUND	NECK:D=10", WITH DAMPER, ROUND	NECK:D=12", WITH DAMPER, ROUND	NECK:D=14", WITH DAMPER, ROUND

REMOTE CONTROLS

REMOTE CONTROL UNIVERSAL MODEL NO. KT-N898

FEATURES:

- › 2000 in 1
- › Vacuum coating keys
- › LCD backlight
- › Thermometer function
- › Clock function
- › Patent of code input



WIFI CONTROL

AIRCONET

- › AC Smart Control allows to control your new or installed Minisplit wirelessly by simply using your iOS or Android smartphones.
- › Self-installed Energy Efficient Solution
- › Control Split or Window AirCon from anywhere in the world (via Wifi or celular)



FEATURES:

- › 2-way communication (status feedback and sync with aircon's remote control)
- › Automatic aircon brand selection via aircon's remote control
- › Compatible with major brands with remote control
- › Plug and Play – no installation needed
- › Measure Room temperature via built-in temperature sensor NTC
- › Size 30x30x8mm
- › Voltage: 5VDC (Mini USB). 150mA Max
- › Power consumption: Less than 1 kWh/month
- › Fan: 3-speed fan control (automatically or manually) by App
- › Set Point Temperature Range: 16 ~ 32°C
- › IR distance: Max. 6 meters at line of sight
- › Indoor use only
- › wifi: 802.11b/g/n 2.4GHz c
- › Certification: FCC, CE, IC, EMC, LVD
- › Warranty: 1 year limited

HAZ TUS PEDIDOS

A nuestros contactos

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