TRUSTED BRAND SINCE 1987





PRODUCT CATALOGUE 2022

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Premium quality spare parts for:

Domestic refrigerator

Air-conditioner

Washing machine

Heating

Vehicle aircon

Tools and Testing Instruments

ARUKI®

BRINGING HUMANITY FORWARD

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ARUKI
BRINGING HUMANITY FORWARD

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REFRIGERATOR



SPARE PARTS

ARUKI

BRINGING HUMANITY FORWARD

Compressor



ARUKI®

R134a Compressor

Comes with mounting accessories, overload and relay

Code No.	Model	Disp. (cm^3)	HP	Capacity (W)	Current (A)	Efficiency COP (w/w)	Voltage / Frequency
R010702	SQD43H	4.3	1/8	111	0.75	1.10	220V – 240V / 50Hz
R010703	SQD52H	5.2	1/7	130	0.93		
R010704	LQD65H	6.5	1/6	168	1.15	1.20	
R010705	LQD75H	7.5	1/5	180	1.20		
R010706	LQD91H	9.1	1/4	208	1.40		
R010708	QQD110HF	11.0	1/3	320	1.92	1.25	
R010711	QWQ160HF	15.3	1/2	430	2.10		

R0109 - Series

ARUKI®

R600a Compressor

Comes with mounting accessories, overload and relay



Code No.	Model	HP	Capacity (W)	Current (A)	Efficiency COP (w/w)	Voltage / Frequency
R010901	QD65Y(N)	1/9	110	0.66	1.30	220V – 240V / 50Hz
R010902	QD75Y(J)	1/8+	130	0.80		
R010903	QD85Y(J)	1/7+	145	0.85		
R010904	QD91Y(J)	1/6	155	0.87		
R010905	QD103Y(J)	1/6+	168	1.09	1.25	
R010906	QD110Y(J)	1/5	185	1.11		
R010907	QD142Y(WD)	1/4	240	1.20	1.30	

Compressor



ARUKI®

R12 Compressor

Comes with mounting accessories, overload and relay

Code No.	Model	HP	Capacity (W)	Voltage / Frequency
R010343	SCQD210	5/8	435	220V / 50Hz

R012 - Series

HITACHI
Inspire the Next

R134a / R600a Compressor

Comes with mounting accessories, overload and relay



Code No.	Model	HP	Capacity (W)	Current (A)	Efficiency COP (w/w)	Voltage / Frequency
R134a Models						
R012001	FL 06S34-TAB	1/12	85	0.70	0.93	220V – 240V / 50Hz
R012002	FL 0739-SQ	1/10	114	0.72	1.20	
R012003	FL 0847-SD	1/8	130	0.83	1.19	
R012005	FL 1152-SB	1/6	143	0.82	1.27	
R012006	FL 1257-SR	1/5	160	0.90	1.25	
R012007	FL 14S62-TAD	1/5	175	0.95	1.30	
R012008	FL 1568-SQ	1/4	200	1.11	1.30	
R012009	FL 20S88-TAC	1/3	255	1.50	1.25	
R012010	FL 1888-SE	1/3	245	1.51	1.25	
R600a Models						
	CL 0545-SZ	1/12	62	0.70	1.12	220V – 240V / 50Hz
	CL 1297-SA	1/5	156	0.90	1.46	
	CL 1310-SA	1/5+	163	0.95	1.48	
R600a Models (Inverter)						
	CL 1588-DZ	1/6	134	0.83	1.62	220V – 240V / 50Hz
	CL 1610-DL	1/5	160	0.90	1.65	

Fan Motor



R020101 (110V)
R020102 (220V)
NA-09BA-1 & NA-09BA
(CW/CCW, Ø3.17)



R020103 (110V)
R020104 (220V)
NA-14AB-1 & NA-14AB
(CCW/CW, Ø3.17)



R020106 (220V)
NA-17AB
(CCW/CW, Ø3.17)



R020212 (220V)
SD-07BA
(CW/CCW, Ø3.17)



R020214 (220V)
MH07BCF-TJA5
(CW, Ø3.17)



R020215 (110V)
FDVH07XE2C
(CW, Ø3.17)



R020218 (220V)
MH-14BA (C15ES)
(CW, Ø3.17)



R020301 (110V)
R020302 (220V)
ESM-999 & ESM-998
(CW, Ø3.17)



R020305 (127V)
R020306 (220V)
G15829 & Y165207
(CW, Ø3.17)



R020308 (220V)
MA-61103D-2Z
(CW, Ø3.17)



R020310 (220V)
MSP63S13/2T
(CCW, Ø3.17) with Bracket



R020314 (220V)
MSP63S15/2T-D1
(CCW, Ø3.17) with Bracket



R020751 (110V)
R020752 (220V)
2J01289A&B
(CCW, Ø4.0)



R020801 (110V)
R020802 (220V)
RE-01WQS2E & RE-01WTS2
(CW, Ø4.0)

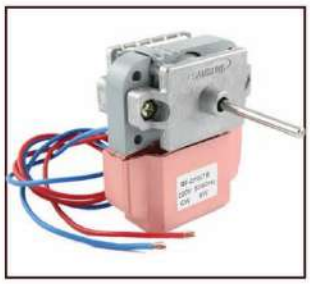


R020803 (115V)
R020804 (220V)
SB44ASE066A & 057 (GE-14)
(CCW, Ø3.17)



R020805 (115V)
R020806 (220V)
FL2-021L5M & FL2-022LM5
(CW, Ø4.0)

Fan Motor



R020810 (220V)
RF-01WTB
(CW, Ø4.0)



R020814 (220V)
IS-3210DWNFF2
(CCW, Ø4.0)



R020816 (220V)
IS-3210SNPSA
(CCW, Ø3.17)



R020820 (220V)
IS-3210DWNFO
(CCW, Ø3.17)



R020824 (220V)
J58-00024K
(CCW, Ø4.0)



R020826 (220V)
IS-3210ARCB
(CCW, Ø3.17)



R020827 (110V)
R020828 (220V)
5KSB44AS1571 & 5KSB44AS1570
(CCW, Ø3.17)



R020836 (110V)
R020835 (220V)
4680JB1026F & 4680JB1026B
(CCW, Ø4.0)



R020869 (110V)
R020872 (220V)
SM-670 (SM-671) & SM-672
(CW, Ø4.76)



R023212/18 (220V)
Blower Fan
GL60-120/ GL60-180
60x120 12W/ 60x180 14W
50/60Hz



R024021/22/28/32 (220V)
AC Axial Fan
80x80x25 / 80x80x38 /
120x120x38 / 172x150x50



R020233 (110V)
R020234 (220V)
CF-20AB-1 (60Hz) & CF-20AB
(50/60Hz) Condenser Fan Motor
with 5" Aluminium Blade
(CCW/CW, Ø6.0)



R025005/10/16/25/34 (110V/220V)
Copper Coil Condenser Fan
Motor with Blade & Bracket
5W/ 10W/ 16W/ 25W/ 34W



R025205/10/16/25 (220V)
Condenser Fan Motor with
Blade & Bracket
5W/10W/16W/25W
50/60Hz



R025805/10(220V)
Condenser Fan Motor with
Blade & Bracket
5W/10W
50/60Hz



R025 (220V)
Condenser Fan Motor with
Blade & Ring Bracket
5W/10W/16W / 25W
50/60Hz

SUNG SHIN MOTOR

ARUKI
BRINGING HUMANITY FORWARD

A COLLABORATION BETWEEN THE FINEST



PREMIUM FAN MOTOR

ONYX



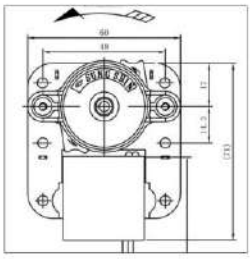
Various types of connector to choose from



High quality finishing



Engraved with SUNG SHIN/ SPG logo



Reversable rotation

Available in 7mm, 9mm & 13mm, ø3.17/4.00mm, 110V/220V

Customization, OEM and ODM are welcomed

COMPATIBILITY CHART

No.	Code	Sung Shin Fan Motor 220V, 50/60Hz	Connector	Equivalent Models			
1	R020508	IS-27208QCHY, CW, Ø3.17	Wires	SD-07BA CW	MH07BCF-TJA5 CW		
2	R020510	IS-27210QCHW, CW, Ø3.17	Wires	NA-09BA CW	MA-61103D-2Z CW	IS-3210SNPSA CCW	
3	R020514	IS-27213QCHX, CCW, Ø3.17	Wires	NA-14AB CCW	MH-14BA CW	SB44ASE057 CCW	IS-3210DWNFO CCW
4	R020516	IS-3210QCH1V (IS-3210MBV-2), CCW, Ø3.17	Socket	SB44ASE057 CCW	IS-3210DWNFO CCW		
5	R020524	IS-3210QCH1U, CCW, Ø3.17	Pins	SB44ASE057 CCW			
6	R020526	IS-3210QCH1U-1, CCW, Ø3.17	Pins	SD-07BA CW	MH07BCF-TJA5 CW	IS-3210ARCB CCW	
7	R020542	IS-27210QCH1R, CW, Ø3.17	Socket	MA-61103D-2Z CW			
8	R020544	IS-5210QCH1P, CW, Ø3.17	Socket	IS-3210SNPSA CCW	IS-3210DWNFO CCW	IS-3210RCB CCW	
9	R020610	IS-5210QCH1Q, CW, Ø4mm	Socket	RE-01WTS2 CW	RF-01WTB CW	IS-3210DWNFF2 CCW	J58-00024K CCW
10	R020612	IS-5210QCH1W, CW, Ø4mm, WIRE/PIN	Wires with pins	RE-01WTS2 CW	RF-01WTB CW	IS-3210DWNFF2 CCW	J58-00024K CCW

Aruki ONYX Fan Motor

SPG MOTOR

Superior performance shaded pole motor, low noise, low vibration



R020507 (110V)
R020508 (220V)

IS-27208QCH1L &
IS-27208QCHY
(CW/CCW, Ø3.17)



R020509 (110V)
R020510 (220V)

IS-27210QCH1M &
IS-27210QCHW
(CW/CCW, Ø3.17)



R020513 (110V)
R020514 (220V)

IS-27213QCH1N &
IS-27213QCHX
(CCW/CW, Ø3.17)



R020516 (220V)

IS-3210QCH1V
(CW/CCW, Ø3.17)



R020521 (115V)

IS-23210WPH
(CCW/CW, Ø3.17)



R020524 (220V)

IS-3210QCH1U
(CCW/CW, Ø3.17)



R020526 (220V)

IS-3210QCH1U-1
(CCW/CW, Ø3.17)



R020542 (220V)

IS-27210QCH1R
(CW/CCW, Ø3.17)



R020544 (220V)

IS-5210QCH1P
(CW/CCW, Ø3.17)



R020610 (220V)

IS-5210QCH1Q
(CW/CCW, Ø4.00)



R020612 (220V)

IS-5210QCH1W
(CW/CCW, Ø4.00)



IS-27208QSWV (220V)

(CCW/CW, Ø3.17)



IS-27213QAR1P (220V)

(CCW/CW, Ø3.17)



IS-5210ARSAC (230V)

(CCW/CW, Ø3.17)



IS-5210QCH1P (220V)

(CW/CCW, Ø3.17)



IS-5213ARFD (230V)

(CCW/CW, Ø3.17)

DC Fan Motor



R021100 (DC 12V)
ZW-58 3W
3 wires with socket
for Samsung, LG



R021102 (DC 13V)
D4612AAA21 / D4612AAA05 /
D4612AAA16 / D4612AAA22
(CCW, Ø3.17)



R021103/04 (DC 12V)
XD8025 - 70MM
XD9225 - 85MM
Brushless Fan Motor



R021105 (DC 9.75V)
WR60X10185
3.25W
for GE, Hotpoint



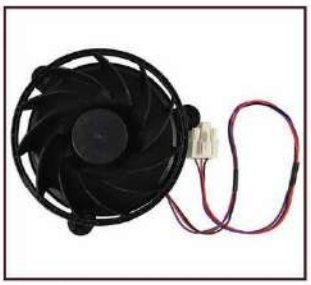
R021106 (DC 9.75V)
WR60X10074
3.25W with sensor
for GE, Hotpoint



R021107 (DC 12V)
A-48ZWT05-1202A
CCW, 2W, 2200r/min
with 100mm fan blade



R021108 (DC 12V)
A-48ZWT05-1204B
CW, 4W, 1450r/min
with 145mm fan blade



R021109 (DC 12V)
ZWF-125A
CW, 2.5W, 1580r/min



R021301/02 (DC 12V)
DLE5985ASEA
3pins / wires
CCW 2.6W



R021303 (DC 12V)
DLB5985MBEA
4wires with sensor
CCW 4.5W



R021304 (DC 9.75V)
WR60X10307
4wires with sensor
CCW 3.25W



R024011 (DC 12V)
XD9225D12HS
DC 12V 0.20A
92x92x25

Fan Motor Made in Korea (By-order only)



Korea BLDC Motor (DC 12V)
DREP 3020 LA, DREP 3030 LA,
DREP 5020 LA, DREP 5020 LC
(CCW)



D4612AAA01 (DC 12V)
2.5W, 2200RPM
(CCW, Ø3.17)



R020501/03 (110V/60Hz)
(220V/50Hz)
ORM - 0823L1/ ORM-1335L1
(CW, Ø3.17)

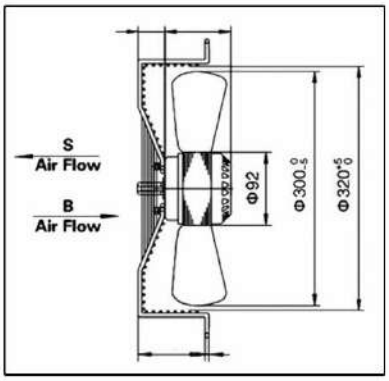


ORM-1531L1
(110V/60Hz)
(220V/50Hz)
(CW, Ø3.17)

Axial Fan Motor/ Cage Fan Motor

ARUKI® Axial Fan Motor

G - Series (Suction Type)





G7 Blade



G5 Blade



G9 Blade

Code No.	Item Description	Current (A)	Input (W)	Fan Blades	Speed (r/min)
R0261 – Series (230V/50Hz)					
R026108	8" Axial Fan Motor 2E-200S-92/15-G	0.26	55	G9	2400
R026110	10" Axial Fan Motor 2E-250S-92/25-G	0.40	80		
R026112	12" Axial Fan Motor 2E-300S-92/35-G	0.66	145	G7	
R026118	10" Axial Fan Motor 4E-250S-92/25-G	0.23	50	G5	1350
R026120	12" Axial Fan Motor 4E-300S-92/35-G	0.42	85		
R026122	14" Axial Fan Motor 4E-350S-102/34-G	0.65	140		
R026124	16" Axial Fan Motor 4E-400S-102/47-G	0.90	200		
R026126	18" Axial Fan Motor 4E-450S-102/60-G	1.18	240		
R026128	20" Axial Fan Motor 4E-500S-137/35-G	2.06	420		
R0264 – Series (380V ~ 440V/50Hz)					
R026420	8" Axial Fan Motor 2D-200S-92/15-G	0.13	70	G9	2500
R026425	10" Axial Fan Motor 2D-250S-92/25-G	0.22	80		
R026430	12" Axial Fan Motor 2D-300S-92/35-G	0.22	140	G7	
R026432	12" Axial Fan Motor 4D-300S-92/35-G	0.12	40	G7	1400
R026435	14" Axial Fan Motor 4D-350S-102/34-G	0.28	102	G5	
R026441	16" Axial Fan Motor 4D-400S-102/47-G	0.60	210		
R026446	18" Axial Fan Motor 4D-450S-102/60-G	0.60	230		
R026450	20" Axial Fan Motor 4D-500S-137/35-G	0.85	360		
R026460	24" Axial Fan Motor 4D-600S-137/70-G	1.60	780		
R026462	25" Axial Fan Motor 4D-630S-137/70-G	1.60	780		

Defrost Timer

Sankyo TMDF - Series

High reliability defrost timer for refrigerator, freezer, show-case and etc.





Code No.	Model	Voltage
R030101	TMDF702CA1	100V – 120V
R030102	TMDF702ZD1	200V – 240V
R030103	TMDF702ZA2	100V – 120V
R030104	TMDF702ZH2	200V – 240V
R030105	TMDFX04ZB1	100V – 120V
R030107	TMDF706CB1	100V – 120V
R030108	TMDF706ZD1	200V – 240V
R030110	TMDF702CD1	200V – 240V
R030112	TMDF704KD1	200V – 240V
R030114	TMDFY06ED1	200V – 240V
R030116	TMDF905ED1	200V – 240V

BY ORDER ONLY		
TMDF504KD1	TMDF706CD1	TMDFX05CE1
TMDF603AD1	TMDF706ZL1	TMDFX05ZB1
TMDF603FD2	TMDF721ZC1	TMDFX05ZH1
TMDF702AD1	TMDF90GZH1	TMDFY06EB1
TMDF704ED1	TMDFT06CD1	
TMDF704ZA1	TMDFX05CA1	
TMDF704ZD1	TMDFX05CB1	
TMDF704ZL1	TMDFX05CD1	

Sankyo TMDJ - Series

High reliability defrost timer for refrigerator, freezer, show-case and etc.



Code No.	Model	Voltage
R030304	TMDJ704ZF1	200V-240V
R030306	TMDJ521ZC1	200V-240V
R030308	TMDJ521ZL1	200V-240V
R030309	TMDJ812ZB9	100V-120V
R030310	TMDJ812ZC1	200V-240V
R030312	TMDJ833RC1	200V-240V
R030313	TMDJ625ZQ9	100V-120V
R030314	TMDJ625ZF1	200V-240V

Sankyo TMDE - Series

High reliability defrost timer for refrigerator, freezer, show-case and etc.

Code No.	Model	Voltage
R030503	TMDE702PA1	100V – 120V
R030504	TMDE802PJ1	200V – 240V
R030505	TMDE706SA1	100V – 120V
R030506	TMDE706SC1	200V – 240V
R030508	TMDE807KF2	200V – 240V
R030509	TMDE706PG1	100V – 120V
R030510	TMDE706PM1	200V – 240V
R030512	TMDE807TC1	200V – 240V
R030514	TMDEX09TC1	200V – 240V
R030516	TMDE520SC1	200V – 240V



For models that are not listed, please contact us for details. Customisation is available.

Defrost Timer

ARUKI® TMDE/F/J/K - Series

High quality OEM defrost timer with durable motor, able to customise cycle and defrost time.



TMDE - Series



TMDF - Series



TMDJ - Series



TMDK - Series

Code No.	Model	Voltage
TMDE - Series		
R030701	TMDE702ZA1	110V
R030702	TMDE802ZC1	240V
R030703	TMDE706ZG2	110V
R030704	TMDE807KF2	240V
R030706	TMDE706SC1	
R030708	TMDE802GC2	
R030710	TMDEX09UM1	
R030712	TMDE503ZC2	

Code No.	Model	Voltage
TMDF - Series		
R030751	TMDF702CA1	110V
R030752	TMDF702ZD1	240V
R030753	TMDF702ZA2	110V
R030754	TMDF702ZH2	240V
R030755	TMDF706CB1	110V
R030757	TMDFX04AB1	110V

Code No.	Model	Voltage
TMDJ - Series		
R030802	TMDJ702AC1	240V
R030804	TMDJ625ZC1	240V
R030805	TMDJX35RB9	110V
R030	TMDJ833RC1	110V
R030	TMDJ521ZL1	110V
TMDK - Series		
R030851	TMDK706SA1	110V
R030852	TMDK706SC1	240V
R030857	TMDK1210SA1	110V

ARUKI® Defrost Timer



Code No.	Model	Cycle/Defrost	Voltage
R030603	BF2001-00	8H/25M	110V
R030604	BF2001-21		240V
R030605	BF2001-58	6H/25M	110V
R030606	BF2001-59		240V
R030610	DBZC-1210-1G2	12H/10M	240V



Code No.	Model	Cycle/Defrost	Voltage
R030608	GC-3001-59	10H/30M	240V
R030616	GC-3001-21	6H/25M	



Code No.	Model	Cycle/Defrost	Voltage
R030624	DBZC-807-1G2	8H/7M	240V
R030626	A203564000C		



Code No.	Model	Cycle/Defrost	Voltage
R030611	R999-58L	8H/25M	110V
R030612	R999-59L		240V
R030613	E-1111-00	6H/21M	110V
R030614	E-1111-21		240V



Code No.	Model	Cycle/Defrost	Voltage
R030902	ADT-0624	**Cycle:** 6H, 8H, 12H, 24H **Defrost:** 15M, 21M, 25M, 32M	90V – 240V

pcc Defrost Timer



Code No.	Model	Voltage
R030501	TD-20L	110V
R030502	TD-20C	240V
R03	TD-20CSA	240V

NAKAGAWA Defrost Timer



Code No.	Model	Voltage
R030451	TMDF0804NT1	110V
R030453	TMDF0804ND1	

Defrost Thermostat/ Bi-Metal & Thermal Fuse



R040105
L50 - 25F (SL5708)



R040107
L80 - 15F (SL8517)



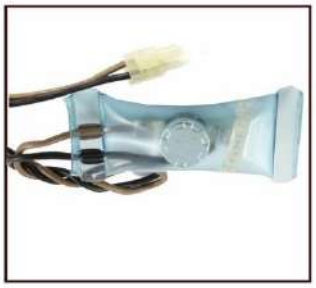
R040108
L47 - 15F (SL8528)



R040112
L55 - 35F (KSD-1007)



R040121 - 26
ML 45/50/55/60/65/70



R040201
PST-3/N8 with socket



R040202
MM1-N13
for National, General



R040203
MRKK MM2-247



R040204
R040205
N8 KSD303-A-7
N13 KSD303-A



R040206
MM2-N13



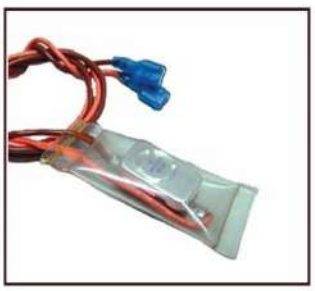
R040207
MM2-287
2 wires with socket
for Toshiba



R040401/02/03
TH2-8°C/13°C/18°C
for Sanyo



R040503
ST-3
for LG, Samsung



R040504
ST3-N15
Lead wire; 350mm
for LG, Samsung



R040602
Bi-metal 13°C + Fuse 76°C
2 wires
for Sharp



R040603
Bi-metal ST-3 + Fuse 72°C
3 wires
for Samsung

Defrost Thermostat/ Bi-Metal & Thermal Fuse



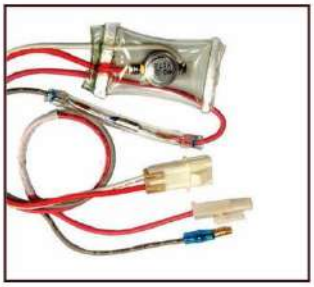
R040604
Bi-metal ST-3 + Fuse
3 wires
for Mitsubishi



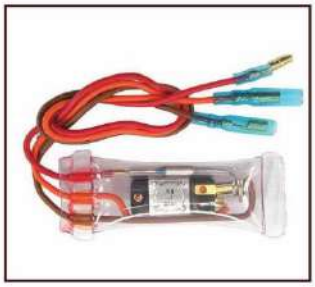
R040605
Bi-metal N12 + Fuse 72°C
4 wires with socket
for LG (KSD-3018)



R040606
Bi-metal TH2-13°C + Fuse 72°C
3 wires with socket
for Samsung



R040607
MM2-287
Bi-metal + Fuse (4 wires)
for Toshiba



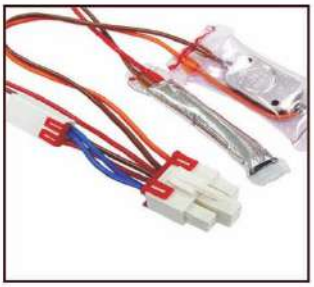
R040608
Bi-metal TH2-8°C + Fuse 72°C
3 wires



R040609
Bi-metal 2 wires
for Westinghouse



R040610
Bi-metal ST-3 + Fuse 72°C
3 wires with socket



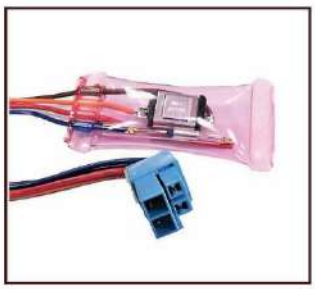
R040611
Bi-metal ST-3 + Fuse 72°C
with 2 sockets
for LG



R040612
Bi-metal N8 + Fuse 73°C
3 wires



R040613
Bi-metal + fuse 77c, 4 wires
with socket for Midea



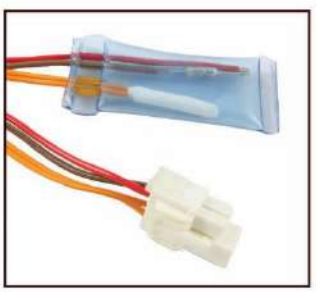
R040615
Bi-metal HB5 + Fuse 72°C
4 wires with socket
for LG



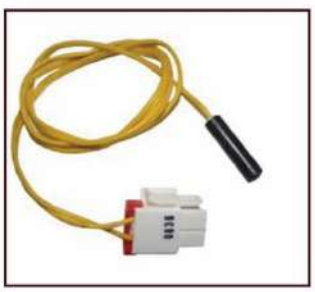
R040616
Bi-metal ST-3+ Fuse 72°C
3+3 wires with 2 socket
for LG



R040617
Bi-Metal+Fuse 73c,
4 Wires With Socket
For Midea



R040651
Sensor + Fuse 72°C
4 wires with socket



R040652
Sensor with socket
for Samsung (DA3200006W)



R040653
Sensor with socket

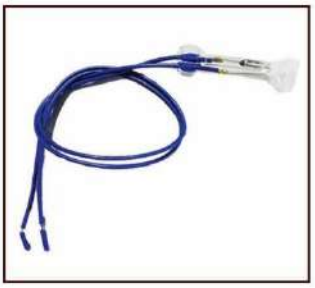
Defrost Thermostat/ Bi-Metal & Thermal Fuse



R040654
Sensor
for Panasonic



R040655
Sensor+Fuse 77c, 4wires
With Socket For Midea



R040701 (65°C)
R040705 (73°C)
Thermal Fuse - IC



R040702
Thermal Fuse (76°C)



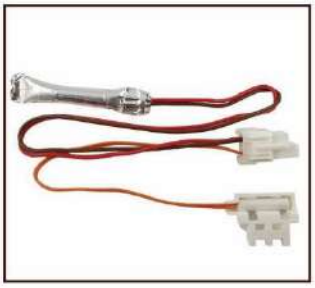
R040703
Thermal Fuse (70°C)



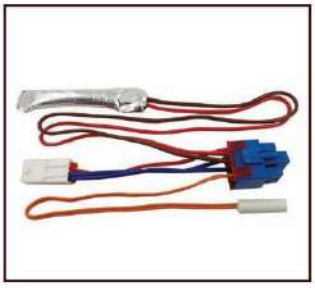
R040704
Thermal Fuse (77°C)
+ Sensor with socket



R040706
Thermal Fuse (77°C)



R040707
Thermal Fuse (77°C)
+ Sensor with socket and clip
for LG



R040708
Thermal Fuse (77°C)
+ Sensor with 6 wires and 2 sockets
for LG



R040709
Thermal Fuse (72°C)
for Samsung



R040710
Thermal Fuse 72c X 2 Pcs
For Hisense K1418420

Glass Heater 110V / 220V

ARUKI®

Glass Heater

For Mitsubishi, National, Toshiba, Hitachi, Sharp, GE, etc.



Code No.	Length	Watt	Voltage
For Mitsubishi, National, Toshiba, Hitachi, Sharp, GE, etc.			
R050108	8"	100W	110V
R050110	10"	120W	
R050112	12"	130W	
R050114	14"	145W	
R050115	15"		
R050116	16"	160W	
R050118	18"		
R050119	19"		
R050120	20"	180W	
R050122	22"		
R050208	8"	100W	220V
R050210	10"	120W	
R050211	11"		
R050212	12"	130W	
R050213	13"		
R050214	14"	145W	
R050215	15"		
R050216	16"	160W	
R050217	17"		
R050218	18"		
R050220	20"	180W	
R050222	22"		

ARUKI®

Glass Heater

For Daewoo, Mitsubishi, etc.



Code No.	Length	Watt	Voltage
For Daewoo, Mitsubishi, etc.			
R050132	11.5"	130W	110V
R050132A	12"		
R050133	13.5"		
R050228	8"	120W	220V
R050230	10"		
R050231	11"		
R050232	11.4"	130W	
R050232A	12"		
R050233	13.5"		
R050233A	13"		
R050234	14"	145W	
R050234A	14.5"		
R050235	15"		
R050236	16"	160W	

Defrost Heater/ Frame Heater/ Wire Heater

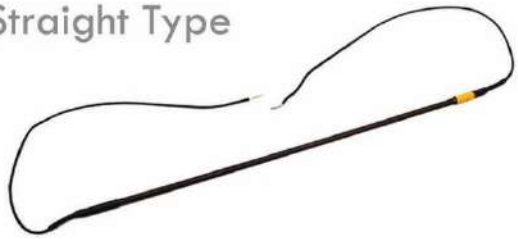
Defrost Heater

U Type



Code No.	Length (mm)	Watt	Voltage
R050302	370 x 100	350W	200V – 240V
R050304	540 x 100	480W	

Straight Type



Code No.	Length (mm)	Watt	Voltage
R050350	500	230W	200V – 240V
R050352	600	300W	
R050354	700	350W	
R050356	800	400W	
R050358	900	450W	
R050360	1000	500W	

Frame Heater



Code No.	Watt	Voltage
R060202	8.6W	230V

Wire Heater



Code No.	Length (m)	Watt	Voltage
R060304	5.15	40W	220V
R060306	6	60W	

Drain Heater



Code No.	Length (m)	Watt	Voltage
R060410	1	40W	200V – 240V
R060420	2	80W	
R060430	3	120W	
R060440	4	160W	
R060450	5	200W	
R060460	6	240W	

Overload Protector & Relay



ARUKI® Overload Protector



Klixon - 220V	
Code No.	**HP**
R070303	1/3
R070304	1/4
R070305	1/5
R070306	1/6
R070308	1/8
R070310	1/10

For Sanyo – 220V	
Code No.	**Model**
R070445	P45KS



4TM – 220V	
Code No.	**HP**
R070503	1/3
R070504	1/4
R070505	1/5
R070506	1/6
R070508	1/8
R070510	1/10

ARUKI® Relay



R080211 (220V)
PTC 1 pin



R080212 (220V)
PTC 2 pins



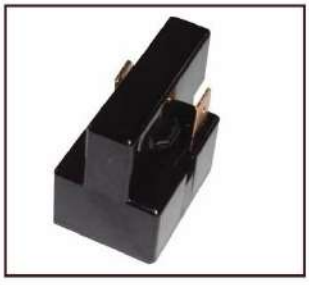
R080213 (220V)
PTC 3 pins



R080214 (220V)
PTC 4 pins



R080234 (110V)
PTC 4 pins



R080332 (110V)
PTC 2 pins



R080333 (110V)
PTC 3 pins



R080334/35 (110V)
PTC 4 pins

Overload Protector & Relay



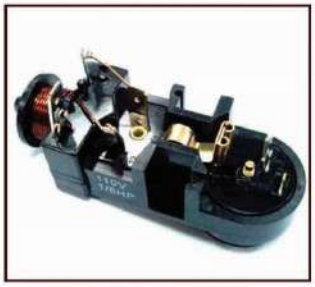
R080414 (110V)
R080404 (220V)
Klixon PTC 4 pins



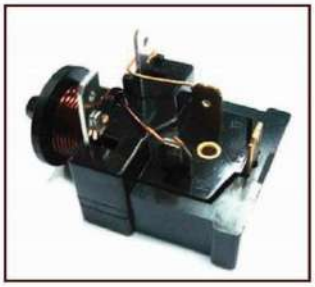
R080501 (110V)
R080502 (220V)
ICG 1/12HP ~ 1/2HP
Lead wire



R080506 (220V)
Danfoss - 103N0011-PP1100



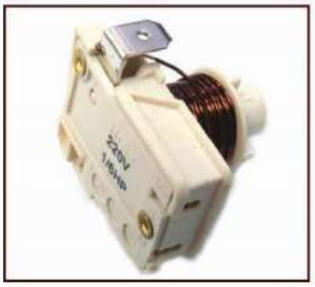
R080514/15/
16/18 (220V)
Danfoss - 1/4HP / 1/5HP /
1/6HP / 1/8HP



R080524/25/
26/28 (220V)
Danfoss - 1/4HP / 1/5HP /
1/6HP / 1/8HP



R080803/04/
06/08 (220V)
2 pins
1/3HP / 1/4HP /
1/6HP / 1/8HP



R080905/08 (220V)
1/5HP / 1/8HP



R081214 (220V)
PTC relay-2pins + overload
1/4HP 220v (JPQIII-14)

Potential Relay



R080601
4AO-U3C2 (220V/60Hz)



R080602
6AP-U4D3 (220V/60Hz)

Thermostat



R090320
DTB-20-L (3 pins)
Capillary 600mm



R090503
MM1-8138
for Panasonic



R090510
GNF-110
For refrigerator



R090531/32/33/34
ATB-DR131 / ATB-R132 /
ATB-F133 / ATB-C134



R090535
DTB-R135
(for 2-door refrigerator)



R090537
ATB-4226
(for freezer)



R090702
STB-R130
(Push Button)



R090703
WSF25-L
(Push Button)



R090708
SWTB-8169.1B
(Push Button)



R090711
SWTB-8624
(Push Button)



R090901/02/03
AWTB-111A-R / AWTB-111E-F
AWTB-111F-C



R090906
WDF 18K-923-037



R090907
WPF 20B-108



R090917/24
PFN-C171 (for LG)
ATB-124GS (for LG)



R091200/01/02/03
K50-A1110-005 / K50-A1125-001
K50-A1126-001 / K50-A1127-001



R091221/25/27/29
DVC1 / DVS5 / DVB7 / DVT9

Thermostat



R091208/09/11
K59-A2258-1
K59-A6821-1
K59-A6827-1



R091210/12
K59-A6027-1
K59-A6835-0



R091304
DVP4
(Push Button)



R091408
K54-A6004
(for freezer)



R091610
R K59-P1624-000
(for Singer refrigerator)



PFN-175D



WDF20-M



WDF24-L

Digital Thermostat



STC-100A



STC-1000



STC-9200

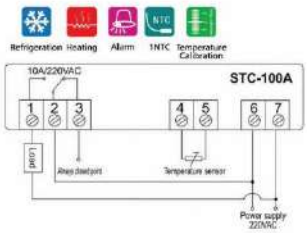


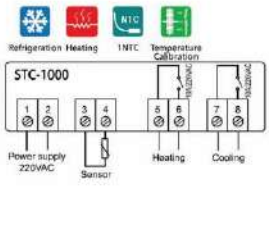
ETC-902

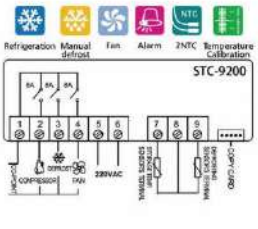


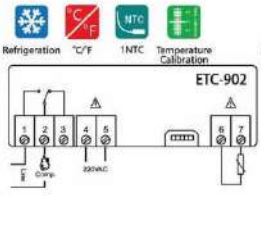
ETC-974

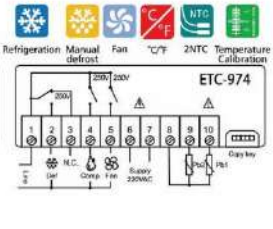
	Model	STC-100A	STC-1000	STC-9200	ETC-902	ETC-974
Main Features	Temperature range	-40°C ~ +99°C	-50°C ~ +99°C	-50°C ~ +50°C	-15°C ~ +60°C	-5°C ~ +55°C
	Temperature control range	-40°C ~ +99°C	-50°C ~ +99°C	-50°C ~ +50°C	-50°C ~ +99°C	-50°C ~ +110°C
	Application	cooling/ heating	Auto cooling / heating	cooling	cooling/ heating	cooling/ heating
	Power	220V ± 10% (VAC), 50/60Hz	220V ± 10% (VAC), 50/60Hz	220V ± 10% (VAC), 50/60Hz	230V ± 10% (VAC), 50/60Hz	230V ± 10% (VAC), 50/60Hz
Output	Sensor	1 NTC	1 NTC	2 NTC	1 NTC/ 1 PTC	1 NTC/ 1 PTC
	Digital input	-	-	-	-	-
Function	Compressor	10A	10A	8A	8A	8A
	Defrost	-	-	8A	-	8A
	Fan	-	-	8A	-	8A
	Light	-	-	-	Copy card, °C °F Switch	Copy card, °C °F Switch











Starting Capacitor

ARUKI®

Starting Capacitor

250VAC, 330VAC



Code No.	uF	Code No.	uF
250VAC			
R105501	36 – 43uF	R105515	233 – 280uF
R105502	43 – 52uF	R105516	243 – 292uF
R105503	47 – 56uF	R105517	270 – 324uF
R105504	53 – 64uF	R105518	40 – 70uF
R105505	64 – 77uF	R105520	324 – 388uF
R105506	72 – 88uF	R105524	340 – 408uF
R105507	88 – 106uF	R105525	378 – 455uF
R105508	108 – 136uF	R105526	400 – 480uF
R105509	124 – 149uF	R105527	430 – 516uF
R105510	130 – 156uF	R105528	460 – 552uF
R105511	145 – 174uF	R105529	549 – 648uF
R105512	161 – 193uF	R105530	590 – 708uF
R105513	189 – 227uF	R105531	708 – 850uF
R105514	216 – 259uF	R105532	829 – 995uF
330VAC			
R106500	25 – 30uF	R106510	130 – 156uF
R106501	36 – 43uF	R106511	145 – 174uF
R106502	43 – 53uF	R106512	161 – 193uF
R106503	47 – 56uF	R106513	189 – 227uF
R106504	53 – 64uF	R106514	216 – 260uF
R106505	64 – 77uF	R106515	233 – 280uF
R106506	72 – 86uF	R106516	243 – 292uF
R106507	88 – 106uF	R106517	270 – 324uF
R106508	108 – 136uF	R106518	40 – 70uF
R106509	124 – 149uF		

Filter Drier & Access Valve / Charging Valve

ARUKI® Filter Drier



R110101
1 IN 1 OUT
(6.4 x 2.6)mm Ø - 19mm
L - 105mm; 10g
for refrigerator (R134a/R12)



R110102
2 IN 1 OUT
(6.4 & 4.7 x 2.6)mm Ø - 19mm
L - 105mm; 10g
for refrigerator (R134a/R12)



R110104
2 IN 1 OUT
(6.4 & 6.4 x 2.6)mm Ø - 19mm;
L - 105mm; 10g
for refrigerator (R134a/R12)



R110105
1 IN 1 OUT
(6.4 x 2.6)mm Ø - 19mm;
L - 115mm; 15g
for refrigerator (R134a/R12)



A110101
1 IN 2 OUT
(10 x 3 x 3)mm Ø - 19mm;
L - 80mm
for A/C (R22)

ARUKI® Access Valve / Charging Valve





Code No.	Description		
R120101	D = 3/16"	L = 80mm	T = 0.4mm
R120104	D = 1/4"	L = 80mm	T = 0.6mm
R120105	D = 1/4"	L = 100mm	T = 0.4mm

Customisation is available.

Fan Blower/ Blade/ Door Switch



R130108
Fan Blower
(85mm x 4mm)



R130209
Fan Blade (Beige)
(CW - 90mm x 4mm)



R130307/08/10
Fan Blade
(CCW - 75mm x 1/8")
(CCW - 80mm x 4mm)
(CCW - 100mm x 1/8")



R135108/10/12
Aluminium Fan Blade
(8"/10"/12")



R140201
2 Pins Light Switch - NC
MM7-231 (DS-2)
for Nat



R140202
2 Pins Fan Switch - NO
MM7-221 (DS-2)
for Nat



R140203
3 Pins Fan Light Switch
MM7-211 (DS-2)
for Nat



R140204
2 Pins Light Switch
(DS-11)



R140205
2 Pins Light Switch
(DS-19)



R140504
4 Pins Fan Light Switch
SR-DS04 (DS-6)
for Nat, S/S



R140605
3 Pins Fan Light Switch
(DS-11)



R140609
3 Pins Fan Light Switch
SR-DS04-3 (Aruki DS-6A)
for Nat

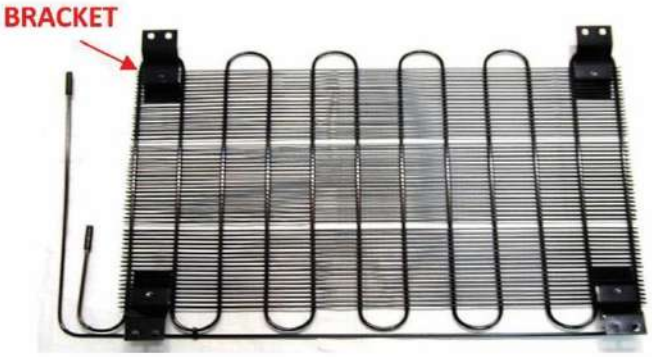


R140612
2 Pins Light Switch
(DS-3)

Condenser

ARUKI® Condenser

For OEM and Wholesaler





Tube Diameter	Code No.	No. of U	Width (mm)	Remarks
Standard 4.76mm (3/16")	R164305	5	430	With Bracket
	R164306	6		
	R164307	7		
	R164308	8		
	R164309	9		
	R164310	10		
	R164311	11		
	R164312	12		
	R164805	5	485	Without Bracket
	R164806	6		
	R164807	7		
	R164808	8		
	R164809	9		
	R164810	10		
	R164811	11		
	R164812	12		

Customisation of size is available.

Ice Maker



ARUKI® Ice Maker

R170102 (IM-01-2) 220V, 50/60Hz

- High Speed
- Auto water-feeding
- Ice Detector equipped
(auto start/stop producing ice)

Rated Speed of Output Shaft	Motor Power	Heating Pipe Power	Ice raking time	Weight of ice produced each time	Total weight of ice produced per day
0.83 turn-min min/ (50Hz); 1 turn-min min/ (60Hz)	3W	165W	2 - 4min	120-130g (each ice cube weighs 15g approx.)	5-10kg (depending on refrigeration efficiency)

Ice Cube Maker

FDIP401 (DC 11V ~ 13V)



Dimension (mm)	120 x 120 x 240
Power	2W – 3W
Water Filing	90ml – 100ml
Total weight of ice produced per day	1.1kg
Control	Electrical
Type	Twist

Ice Cube Maker

FDI101S (110V ~ 230V)



Dimension (mm)	120 x 120 x 300
Power	165W
Water Filing	100ml – 115ml
Total weight of ice produced per day	2.2kg
Control	Mechanical
Frequency	50Hz – 60Hz

Sankyo Ice Maker

Automatic ice cube maker (NTPV)



Motor Drive parts	Voltage range	Motor	DC 10V – 13V
		Tact Switch	DC 4.5V – 15V
	Current input	No Load	100mA or less
		Rated Load	300mA or less
Output Shaft Torque			4N·m
Operating Time			About 30s
Operating Temperature			-30°C – 0°C
Weight of ice produced each time			About 100g

AIR CONDITIONER



SPARE PARTS

ARUKI
BRINGING HUMANITY FORWARD

Rotary Compressor



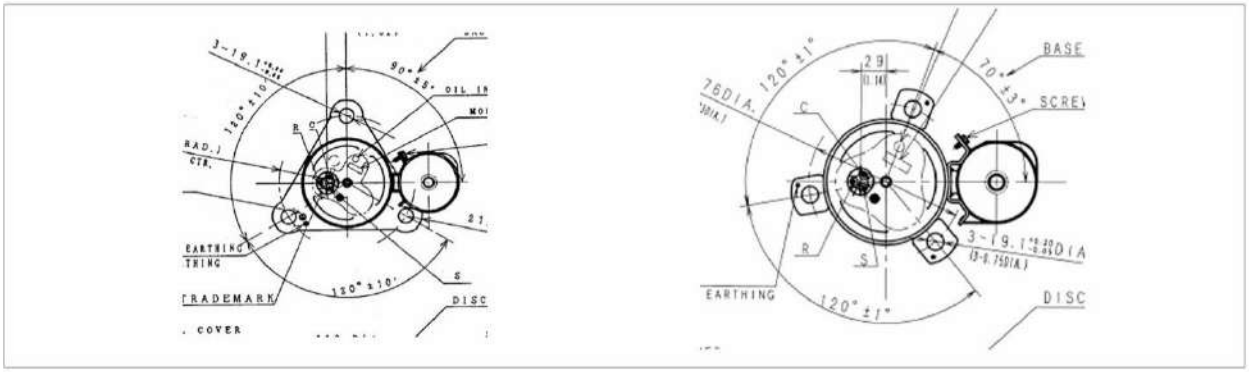
A0101 - Series

Panasonic
ideas for life

R22 Rotary Compressor
(1 Phase / 220V-240V, 50Hz)

Comes with mounting accessories, overload and relay

Evaporating Temp.	Ambient Temp.	Condensing Temp.	Liquid Temp.	Suction Temp.
7.2°C	35°C	54.4°C	46.1°C	35°C



Dimension 1 Dimension 2

Code No.	Model	Capacity (BTU)	Motor Input (W)	Current (A)	Running Capacitor (uF)	Dimension
A010109	2P17S225ANQ	9000	885	4.1	30/370V	1
A010112	2P21T225AZB	11080	1130	5.25	30/370V	1
A010118	2K32S225AUD	18117	1725	8	60/370V	2
A010119	2V32S225AUA	18450	1700	8	60/370V	2
A010123	2V40S225BUA	23135	2255	11	60/370V	2
A010124	2V42S225AUA	24000	2340	11	60/370V	2

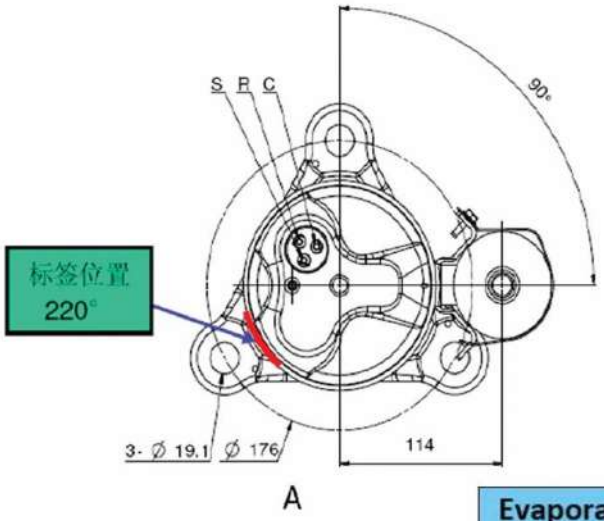
Rotary Compressor

A0102/03 - Series

LG
Life's Good

R22 Rotary Compressor
(1 Phase / 220V-240V, 50Hz)

Comes with mounting accessories,
overload and relay



A



Liquid Temp.	Suction Temp.
46.1°C	35°C

Evaporating Temp.	Ambient Temp.	Condensing Temp.
7.2°C	35°C	54.4°C

Code No.	Model	Capacity (BTU)	Motor Input (W)	Current (A)	Running Capacitor (uF/V)
A0102 - Series					
A010209	QKS156HDA	9030	820	3.8	30uF/400V
A010210	QKS164HMA	9200	820	3.8	30uF/400V
A010212	QJ208HCA	12100	1110	5.3	30uF/400V
A010218	QJ306PCB	18300	1830	8.7	50uF/400V
A010224	QP407PBA	24700	2287	11.6	45uF/400V
A010226	QP442PBA	26000	2549		60uF/400V
A0103 – Series					
A010339	QK156PEB	9000	860	3.7	25uF/400V
A010342	QK208PDB	12000	1188	5.2	30uF/400V
A010349	QVS325PNA	19200	1920	8.7	50uF/400V
A010354	QP407PMA	24100	2317	10.6	60uF/400V
A010356	QP442JMA	26100	2475	12.6	60uF/400V
T3 Application					
	QK164PGB	9400	877		
	QK222PBA	13100	1219		
	QP407PAB	24100	2287	11.62	45uF/400V
	QP442PED	26000	2454	11.6	60uF/440V

Scroll Compressor

Copeland® brand products

R22 Scroll Compressor (380-420V/3PH)

Comes with mounting accessories, overload and relay



Code No.	Model	BTU
A010401	ZR36K3-TFD-522	30800
A010402	ZR42K3-TFD-522	35000
A010403	ZR47KC-TFD-522	39300
A010404	ZR57KC-TFD-522	45000
A010404-E	ZR57KE-TFP-(54E)	45000
A010405	ZR61KC-TFD-522	51000
A010407	ZR72KC-TFD-522	60900
A010407-E	ZR72KC-TFD-(52E)	60900
A010409	ZR94KC-TFD-522	80400
A010410	ZR108KF-TFD-522	92000
A010413	ZR125KC-TFD-522	107000
A010414	ZR144KC-TFD-522	123000
A010415	ZR160KC-TFD-522	130000
A010416	ZR190KC-TFD-522	155000

Brands that are also available

Rotary Compressor:

SAMSUNG GMCC LG Life's Good Panasonic

Scroll Compressor:

Panasonic Copeland® brand products DAIKIN

Time Delay & Temperature Sensor



A030301/A030401
ADM-68 Delay On Make /Break Timer
0.03min - 10min (19V - 288V)



A040101
TS-001 (2-wire)
Temperature Sensor



A040102
TS-002 (4-wire)
Temperature Sensor with fuse



A040103
TS-003 (2-wire)
Aircon Temperature Sensor

Overload & Relay & Starter Capacitor



Overload (220V)

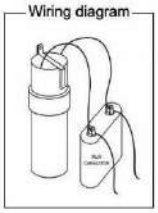
Code No.	Model	HP
A070301	MRA98688	1/2
A070302	MRA98735	3/4
A070303	MRA98776	1.0
A070304	MRA99120	1.5
A070305	MRA99123	2.0



Relay

Code No.	Description
A080201	PTC Start Relay (220V) 1/2HP – 3HP; PTC/30





Hard Starter Capacitor

Code No.	Model	Voltage	HP
A080301	SPP5	115VAC – 288V AC; Increases Compressor Torque 300% with the "BIG KICK"	1/2HP – 10HP
A080302	SPP6	115VAC – 288V AC; Increases Compressor Torque 500% with the "BIG KICK"	

Square Capacitor



A101-Series



A102-Series

Code No.	uF	Code No.	uF	Code No.	uF
A101 (450V)					
A101010	1.0	A101040	4.0	A101080	8.0
A101015	1.5	A101045	4.5	A101090	9.0
A101020	2.0	A101050	5.0	A101100	10.0
A101025	2.5	A101055	5.5	A101110	11.0
A101030	3.0	A101060	6.0	A101120	12.0
A101035	3.5	A101070	7.0		
A102 (450V)					
A102010	1.0	A102030	3.0	A102050	5.0
A102015	1.5	A102035	3.5	A102055	5.5
A102020	2.0	A102040	4.0	A102060	6.0
A102025	2.5	A102045	4.5		

Digital Thermostat



Code No.	A095112 (ART-01FCT-4) - Used for 4-pipe system, flush mount
	A095115 (ART-01FCT-CO-RC) - Only cooling mode, with room card, flush mount

- ✓ Large LCD with backlight;
- ✓ Temperature can be set to warm/cool
- ✓ Display will show both set point and room temperature
- ✓ Maintains the temperature within ± 1°C
- ✓ Auto fan with adjustable 3 fan speed
- ✓ All settings will be retained in an event of power loss



Code No.	A095122 (ART-02FCT-4) - Used for pipe fan coil unit system, 3-speed fan

- ✓ Large LCD with backlight;
- ✓ Sleep mode option
- ✓ Temperature can be set to warm/cool, programmable
- ✓ Display will show both set point and room temperature
- ✓ Maintains the temperature within ± 0.5°C
- ✓ Auto fan with adjustable 3 fan speed
- ✓ All settings will be retained in an event of power loss
- ✓ Display temperature recalibrates



Code No.	A095105 (T15FCT-2-RC) - 24V Wall Mounted with room card on-off function

- ✓ Simple adjustments
- ✓ Display will show both set point and room temperature
- ✓ Maintains the temperature within ± 1°C
- ✓ Auto fan with adjustable 3 fan speed
- ✓ New vertical design, cross wire installation or vertical installation

Digital Thermostat



Model	908FCT-4BY
✓	220V DC ± 10%
✓	Accuracy ± 1°C
✓	Relay contactor: 250V 3A
✓	Cooling/ Heating
✓	2-pipe/ 4-pipe option
✓	Room card function
✓	3-fan speed with remote control



Model	920FCT-2-S
✓	220V DC ± 10%
✓	Accuracy ± 1°C
✓	Relay contactor: 250V 3A
✓	Cooling/ Heating
✓	2-pipe



Model	922FCT-CO-S
✓	220V DC ± 10%
✓	Accuracy ± 1°C
✓	Relay contactor: 250V 8A
✓	Cooling only
✓	External sensor

Universal A/C PCB with Remote Control



Code No.	A095303 (for split a/c up to 2 HP)	AUTO RESTART
Model	QD-U08C	

- ✓ 5 working modes
- ✓ 3 fan speed
- ✓ Accurate and stable temperature control, auto fan
- ✓ Automatic defrost
- ✓ Sleep function, double sensors
- ✓ Prevent code wind in heating mode
- ✓ Colourful sensor socket, easy for connecting
- ✓ Easy installation



Code No.	A095304 (for split a/c below 2 HP)	AUTO RESTART
Model	QD-U03C+	

- ✓ 5 working modes
- ✓ 3 fan speed
- ✓ Accurate and stable temperature control, auto fan
- ✓ Timer inline/offline
- ✓ Sleep mode
- ✓ Periodical defrosts
- ✓ Double sensor
- ✓ Prevent cold wind in heating mode
- ✓ Outdoors fan is controlled independently



Code No.	A095305	AUTO RESTART
Model	QD-U05PGC+	

- ✓ 5 working modes
- ✓ Accurate and stable temperature control, auto fan
- ✓ Timer and sleep mode
- ✓ Double sensor
- ✓ Prevent cold wind in heating mode
- ✓ Outdoor fan is controlled independently
- ✓ Time-delayed compressor protection for 3 minutes

Universal A/C PCB with Remote Control



Code No.	A095306 (for split a/c below 2 HP)
Model	QD-973

- ✓ 5 working modes
- ✓ 3 fan speed
- ✓ Accurate and stable temperature control, auto fan
- ✓ Timer and sleep mode
- ✓ Periodical defrosts



Code No.	A095307 (for split a/c up to 2 HP)	AUTO RESTART
Model	QD-U10A	

- ✓ 5 working modes
- ✓ 3 fan speed
- ✓ Sleep mode
- ✓ Double sensor head design
- ✓ Digital LED display
- ✓ Prevent cold wind in heating mode
- ✓ Auxiliary heating function
- ✓ Outdoor fan controlled independently
- ✓ Timer switch on/off function
- ✓ Automatic defrosting function
- ✓ Compressor 3 minutes delaying protection
- ✓ Force start function in the state of turning off



Code No.	A095308 (for split a/c up to 2 HP)	AUTO RESTART
Model	QD-U11A	

- ✓ 5 working modes
- ✓ 3 fan speed
- ✓ 2 sensors
- ✓ Digital LED display
- ✓ Prevent cold wind in heating mode

Universal Aircon Remote Control



A095212
Universal a/c remote control (ARUKI K-100ES)



A095213
Universal a/c remote control + flash light (ARUKI K-1028E)



A095214
Universal a/c remote control (ARUKI KT-109II)



A095215
Universal a/c remote control for Chigo



A095216
Universal a/c remote control for Haier



A095217
Universal a/c remote control for Gree



A095218
Universal a/c remote control for Midea



A095219
Universal a/c remote control for Panasonic



A095220
Universal a/c remote control for Daikin



A095221
Universal a/c remote control for Mitsubishi



A095222
Universal a/c remote control for LG (KT-LG1)



A095223
Universal a/c remote control for Samsung (KT-SS)



A095224
Universal a/c remote control for Fujitsu



A095225
Universal a/c remote control for General



A095226
Universal a/c remote control for Aux



A095227
Universal a/c remote control for Sharp



A095228
Universal a/c remote control for Carrier



A095229
Universal a/c remote control for York



A095230
Universal a/c remote control for Daikin



A095231
Universal a/c remote control for Mitsubishi



A095403
A/C remote control for TCL

Universal Remote Control

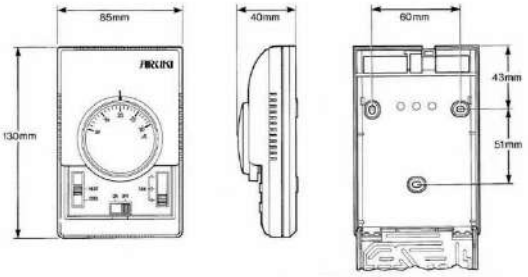


A095102 - Room Control Thermostat (AW - 3B)

Size	Material (Body)	Installation	Temperature Range	Accuracy	Power	Power Consumption
130 x 85 x 40 mm	ABS, Anti flammable	Wall mounting	10°C ~ 30°C	±1°C	220V±10%, 50/60Hz	<2W

FEATURES

- Dual diaphragm sensing element ensures close temperature control for all loads and applications
- Slide switches allow manual control of system operation and fan speed
- Thermostat mounts directly onto a wall or conduit box



WIDELY USED ON:
Electrical Operaterd Valve/ Fan Valve/ Solenoid Valve/ 4-pipe Fan Coil Unit/ Central A/C system for Hotel / Factory/ Commercial Building/ Supermarket/ Hospital/ Residential Apartment & etc.

Air Conditioner Thermostat



A090501
A30-2266-057 (2-pins)



A090802
KTB-057(3-pins)



A090803
KTB-333 (3-pins)



A090804/06
KTB-157 (3-pins)
KTB 1630HC (3-pins)



A090901
PFA-111-A (2-pins)



A090903
PFA-606S-A (2-pins)



A090904
YTB-17F28 (2-pins)



A090912
YTB-17S6 (2-pins)

Round Capacitor

ARUKI®

Round Capacitor



2 PINS



3 PINS

2 PINS											
A109 (370-400V)						A107 (450V)					
Code No.	uF	Code No.	uF	Code No.	uF	Code No.	uF	Code No.	uF	Code No.	uF
A109001	2	A109011	11	A109040	40	A107001	2	A107011	11	A107040	40
A109002	2.5	A109012	12.5	A109045	45	A107002	2.5	A107012	12.5	A107045	45
A109003	3	A109013	13	A109050	50	A107003	3	A107013	13	A107050	50
A109004	4	A109014	14	A109055	55	A107004	4	A107014	14	A107055	55
A109005	5	A109015	15	A109060	60	A107005	5	A107015	15	A107060	60
A109006	6	A109017	17.5	A109065	65	A107006	6	A107017	17.5	A107065	65
A109007	7.5	A109020	20	A109070	70	A107007	7.5	A107020	20	A107070	70
A109008	8	A109025	25	A109075	75	A107008	8	A107025	25	A107075	75
A109009	9	A109030	30	A109080	80	A107009	9	A107030	30	A107080	80
A109010	10	A109035	35			A107010	10	A107035	35		

3 PINS											
A109 (370-400V)						A107 (450V)					
Code No.	uF	Code No.	uF	Code No.	uF	Code No.	uF	Code No.	uF	Code No.	uF
A109215	2+15	A109417	4+17	A109645	6+45	A107215	2+15	A107417	4+17	A107645	6+45
A109217	2+17	A109420	4+20	A109650	6+50	A107217	2+17	A107420	4+20	A107650	6+50
A109220	2+20	A109425	4+25	A109655	6+55	A107220	2+20	A107425	4+25	A107655	6+55
A109225	2+25	A109430	4+30	A109660	6+60	A107225	2+25	A107430	4+30	A107660	6+60
A109230	2+30	A109435	4+35	A109665	6+65	A107230	2+30	A107435	4+35	A107665	6+65
A109235	2+35	A109440	4+40	A109730	7+30	A107235	2+35	A107440	4+40	A107730	7+30
A109240	2+40	A109445	4+45	A109735	7+35	A107240	2+40	A107445	4+45	A107735	7+35
A109245	2+45	A109450	4+50	A109740	7+40	A107245	2+45	A107450	4+50	A107740	7+40
A109250	2+50	A109455	4+55	A109745	7+45	A107250	2+50	A107455	4+55	A107745	7+45
A109255	2+55	A109460	4+60	A109750	7+50	A107255	2+55	A107460	4+60	A107750	7+50
A109260	2+60	A109465	4+65	A109755	7+55	A107260	2+60	A107465	4+65	A107755	7+55
A109265	2+65	A109520	5+20	A109760	7+60	A107265	2+65	A107520	5+20	A107760	7+60
A109315	3+15	A109525	5+25	A109765	7+65	A107270	2+70	A107525	5+25	A107765	7+65
A109317	3+17	A109530	5+30	A109815	7.5+15	A107315	3+15	A107530	5+30	A107815	7.5+15
A109320	3+20	A109535	5+35	A109817	7.5+17	A107317	3+17	A107535	5+35	A107817	7.5+17
A109325	3+25	A109540	5+40	A109820	7.5+20	A107320	3+20	A107540	5+40	A107820	7.5+20
A109330	3+30	A109545	5+45	A109825	7.5+25	A107325	3+25	A107545	5+45	A107825	7.5+25
A109335	3+35	A109550	5+50	A109830	7.5+30	A107330	3+30	A107550	5+50	A107830	7.5+30
A109340	3+40	A109555	5+55	A109835	7.5+35	A107335	3+35	A107555	5+55	A107835	7.5+35
A109345	3+45	A109560	5+60	A109840	7.5+40	A107340	3+40	A107560	5+60	A107840	7.5+40
A109350	3+50	A109565	5+65	A109845	7.5+45	A107345	3+45	A107565	5+65	A107845	7.5+45
A109355	3+55	A109625	6+25	A109850	7.5+50	A107350	3+50	A107625	6+25	A107850	7.5+50
A109360	3+60	A109630	6+30	A109855	7.5+55	A107355	3+55	A107630	6+30	A107855	7.5+55
A109365	3+65	A109635	6+35	A109860	7.5+60	A107360	3+60	A107635	6+35	A107860	7.5+60
A109415	4+15	A109640	6+40	A109865	7.5+65	A107365	3+65	A107640	6+40	A107865	7.5+65
						A107415	4+15				

Oval Capacitor

ARUKI

Oval Capacitor



2 PINS



3 PINS

2 PINS											
A108 (370-400V)						A106 (440-450V)					
Code No.	uF	Code No.	uF	Code No.	uF	Code No.	uF	Code No.	uF	Code No.	uF
A108002	2.5	A108015	15	A108050	50	A106001	2	A106011	11	A106040	40
A108003	3	A108017	17.5	A108055	55	A106002	2.5	A106012	12.5	A106045	45
A108004	4	A108020	20	A108060	60	A106003	3	A106013	13	A106050	50
A108005	5	A108025	25	A108065	65	A106004	4	A106014	14	A106055	55
A108006	6	A108030	30	A108070	70	A106005	5	A106015	15	A106060	60
A108007	7.5	A108035	35	A108075	75	A106006	6	A106017	17.5	A106065	65
A108010	10	A108040	40	A108080	80	A106007	7.5	A106020	20	A106070	70
A108012	12.5	A108045	45			A106008	8	A106025	25	A106075	75
						A106009	9	A106030	30	A106080	80
						A106010	10	A106035	35		

3 PINS											
A108 (370-400V)						A106 (440-450V)					
Code No.	uF	Code No.	uF	Code No.	uF	Code No.	uF	Code No.	uF	Code No.	uF
A108215	2+15	A108430	4+30	A108650	6+50	A106215	2+15	A106430	4+30	A106650	6+50
A108217	2+17	A108435	4+35	A108655	6+55	A106217	2+17	A106435	4+35	A106655	6+55
A108220	2+20	A108440	4+40	A108660	6+60	A106220	2+20	A106440	4+40	A106660	6+60
A108225	2+25	A108445	4+45	A108665	6+65	A106225	2+25	A106445	4+45	A106665	6+65
A108230	2+30	A108450	4+50	A108715	7+15	A106230	2+30	A106450	4+50	A106715	7+15
A108235	2+35	A108455	4+55	A108717	7+17	A106235	2+35	A106455	4+55	A106717	7+17
A108240	2+40	A108460	4+60	A108720	7+20	A106240	2+40	A106460	4+60	A106720	7+20
A108245	2+45	A108465	4+65	A108725	7+25	A106245	2+45	A106465	4+65	A106725	7+25
A108250	2+50	A108515	5+15	A108730	7+30	A106250	2+50	A106515	5+15	A106730	7+30
A108255	2+55	A108517	5+17	A108735	7+35	A106255	2+55	A106517	5+17	A106735	7+35
A108260	2+60	A108520	5+20	A108740	7+40	A106260	2+60	A106520	5+20	A106740	7+40
A108265	2+65	A108525	5+25	A108745	7+45	A106265	2+65	A106525	5+25	A106745	7+45
A108315	3+15	A108530	5+30	A108750	7+50	A106315	3+15	A106530	5+30	A106750	7+50
A108317	3+17	A108535	5+35	A108755	7+55	A106317	3+17	A106535	5+35	A106755	7+55
A108320	3+20	A108540	5+40	A108760	7+60	A106320	3+20	A106540	5+40	A106760	7+60
A108325	3+25	A108545	5+45	A108765	7+65	A106325	3+25	A106545	5+45	A106765	7+65
A108330	3+30	A108550	5+50	A108815	7.5+15	A106330	3+30	A106550	5+50	A106815	7.5+15
A108335	3+35	A108555	5+55	A108817	7.5+17	A106335	3+35	A106555	5+55	A106817	7.5+17
A108340	3+40	A108560	5+60	A108820	7.5+20	A106340	3+40	A106560	5+60	A106820	7.5+20
A108345	3+45	A108565	5+65	A108825	7.5+25	A106345	3+45	A106565	5+65	A106825	7.5+25
A108350	3+50	A108615	6+15	A108830	7.5+30	A106350	3+50	A106615	6+15	A106830	7.5+30
A108355	3+55	A108617	6+17	A108835	7.5+35	A106355	3+55	A106617	6+17	A106835	7.5+35
A108360	3+60	A108620	6+20	A108840	7.5+40	A106360	3+60	A106620	6+20	A106840	7.5+40
A108365	3+65	A108625	6+25	A108845	7.5+45	A106365	3+65	A106625	6+25	A106845	7.5+45
A108415	4+15	A108630	6+30	A108850	7.5+50	A106415	4+15	A106630	6+30	A106850	7.5+50
A108417	4+17	A108635	6+35	A108855	7.5+55	A106417	4+17	A106635	6+35	A106855	7.5+55
A108420	4+20	A108640	6+40	A108860	7.5+60	A106420	4+20	A106640	6+40	A106860	7.5+60
A108425	4+25	A108645	6+45	A108865	7.5+65	A106425	4+25	A106645	6+45	A106865	7.5+65

WASHING MACHINE



SPARE PARTS

ARUKI
BRINGING HUMANITY FORWARD

Magnetic Pump | Capacitor | Drain Motor | Water Valve

NEW Askoll designed outlook



215608 (WP 27225)



215610 (WP 27226)



215612 (WP 27227)



215601 (AF1103)



215602 (AF1206)



215603 (AF1503)



215606 (AF1303)

ARUKI Capacitor

450V, 50/60Hz with 8m stud



Code No.	uF	Code No.	uF
W104502	2.5uF	W104514	14.0uF
W104504	4.5uF	W104515	15.0uF
W104505	5.0uF	W104516	16.0uF
W104506	6.3uF	W104518	18.0uF
W104508	8.0uF	W104520	20.0uF
W104510	10.0uF	W104525	25.0uF
W104512	12.5uF	W104530	30.0uF

Drain Motor



W511303 (KD-KM22LA)

200VAC, 50/60Hz

Water Valve



W160301 (110V)
W160302 (220V)
FVS-65V-1/ FVS-65V
1 IN 1 OUT, 90°
for Japan/Korea W/M



W160303 (110V)
W160304 (220V)
FVS-55VJ-1A/ FVS-55VJ-A
1 IN 1 OUT, 180°
for Japan/Korea W/M



W160305 (110V)
W160306 (220V)
DR12AS/ WV-110,
1 IN 1 OUT
for Japan/Korea W/M



W160608 (220V)
1 IN 1 OUT, 90°
Daewoo - L8



W160311 (110V)
W160312 (220V)
EATON WV-33-1
EATON WV-33
1 IN 1 OUT, 90°; for Italy W/M



W160313 (110V)
W160314 (220V)
EATON WV-39-1
EATON WV-39
1 IN 1 OUT, 180°; for Italy W/M



W179103 (110V)
W179101 (220V)
CW-151-1/ CW-151
2 IN 1 OUT
for American W/M



W175302 (220V)
C-154/20-B10
1 IN 3 OUT
for Samsung W/M

HVACR TOOLS & EQUIPMENT



ARUKI
BRINGING HUMANITY FORWARD

Heating / Cooling Thermostat

* Applications: Water Heater, Water Boiler, Warm Air Heater, Washing Machine, Electric Oven



H090111
GWTB-110
0 ~ 110°C (with accessories)



H090112
GWTB-120
0 ~ 120°C (with accessories)



H090125
GWTB-250
0 ~ 250°C (with accessories)



H090132
GWTB-320
50 ~ 320°C (with accessories)



GWTB (30°C ~85°C)



GWTB (30°C ~110°C)
screw type



GWTB (50°C ~300°C)

* Applications: Refrigerator, Freezer, Boiler, Cold Storage Room, Display Showcase, Food Warmer



R091103
GWTB-TR/711
Warm +35°C / Cold -35°C
with accessories



R091105
P001-F200035
Warm +35°C / Cold -35°C
Long Probe/ Box Type



R091106
P001-A200035
Warm +35°C / Cold -35°C
Short Probe / Box Type



R091107
P001-F200040
0 ~ 40°C Long Probe/ Box Type



R091109
P001-F200090
0 ~ 90°C Short Probe/ Box Type

We can customize different temperature ranges according to customer requirements

Car Air Conditioner Thermostat

ARUKI® Car A/C Thermostat



V090101
PFN-150M-02



V090202
YTB-B169
Lever type



V090203
YTB-443550-0331



V090204
YTB-443550-0060

RC Car A/C Thermostat



V090301
RC A10-6580-057
Copper Capillary



V090302
RC A10-6580-058
Tinning Capillary



V090305
R A10-6580-57A
Tinning Capillary



V090306
R A10-6580-057C
Copper Capillary



V091003
RC A10-6495-057
48" Capillary



V091004
RC A10-6580-057
Tinning Capillary



V091005
RC A10-6588-057
Copper Capillary



V091052
RC A10-7006-058
126mm Lever



V091053
RC A10-3128-3084
35mm Lever

Capillary Tube

ARUKI® C0101 - Series

For Air Conditioning and Refrigeration,
Capillary Tubes as per ASTM B360



* Copper Alloy C1 2200 Material

Code No.	Outside Diameter		Inside Diameter		Mean Wall Thickness (mm)	Weight (kg/m)
	inch	mm	inch	mm		
C010101	0.072	1.830	0.026	0.660	0.584	0.0204
C010102	0.072	1.830	0.028	0.711	0.558	0.0199
C010103	0.081	2.060	0.031	0.787	0.635	0.0254
C010104	0.081	2.060	0.033	0.838	0.606	0.0248
C010105	0.087	2.210	0.036	0.914	0.648	0.0284
C010106	0.087	2.210	0.039	0.991	0.606	0.0239
C010107	0.093	2.360	0.042	1.070	0.648	0.0312
C010108	0.097	2.470	0.046	1.170	0.648	0.0331
C010109	0.099	2.510	0.049	1.240	0.635	0.0335
C010110	0.106	2.690	0.054	1.370	0.660	0.0377
C010111	0.112	2.840	0.059	1.500	0.673	0.0411
C010112	0.125	3.180	0.064	1.630	0.775	0.0522
C010113	0.125	3.180	0.070	1.780	0.698	0.0486
C010114	0.125	3.180	0.075	1.910	0.635	0.0454
C010115	0.145	3.680	0.080	2.030	0.826	0.0663
C010116	0.145	3.680	0.085	2.160	0.762	0.0625
C010117	0.145	3.680	0.090	2.290	0.698	0.0586
C010118	0.160	4.060	0.100	2.540	0.762	0.0707
C010119	0.160	4.060	0.110	2.790	0.635	0.0611
C010120	0.188	4.780	0.120	3.030	0.864	0.0949
C010121	0.188	4.780	0.130	3.300	0.737	0.0836
C010122	0.200	5.080	0.145	3.680	0.698	0.0860
C010123	0.220	5.590	0.160	4.060	0.762	0.103
C010124	0.240	6.100	0.175	4.450	0.826	0.121

Copper Pancake Coil

ARUKI®

C0102 to C0107 - Series
Annealed Copper Coils

For Air Conditioning and Refrigeration Grade Seamless Copper Coils



Code No.	Thickness		Weight/pc	Carton/pcs	OD	
	(swg)	(mm)	(kg)		inch	mm
C0102 - Series						
C010251	25	0.51	1.25	12	1/4"	6.35mm
C010256	24	0.56	1.36			
C010261	23	0.61	1.47			
C010271	22	0.71	1.68			
C010281	21	0.81	1.88			
C0103 - Series						
C010351	25	0.51	1.93	9	3/8"	9.53mm
C010356	24	0.56	2.11			
C010361	23	0.61	2.28			
C010371	22	0.71	2.63			
C010381	21	0.81	2.96			
C0104 - Series						
C010451	25	0.51	2.61	7	1/2"	12.70mm
C010456	24	0.56	2.86			
C010461	23	0.61	3.10			
C010471	22	0.71	3.58			
C010481	21	0.81	4.04			
C0105 - Series						
C010561	23	0.61	3.91	5	5/8"	15.88mm
C010571	22	0.71	4.52			
C010581	21	0.81	5.13			
C0106 - Series						
C010661	23	0.61	4.72	3	3/4"	19.05mm
C010671	22	0.71	5.47			
C010681	21	0.81	6.21			
C0107 - Series						
C010761	23	0.61	5.54	3	7/8"	22.23mm
C010771	22	0.71	6.42			
C010781	21	0.81	7.29			

Manifold Set & Charging Hose

ARUKI® MANIFOLD SET
WITH 36" CHARGING HOSE





Sight glass- Possible to assess the condition of the refrigerant



Metal knob- Durable and able to withstand dropping

Code	Protective Cover	Meter Surface	Application
T020208		Flat	R410A/ R22/ R134A/ R404A. 500-2500PSI
T020209		Arch	R410A/ R22/ R134A/ R407C. 500-2500PSI



ARUKI® Charging Hose

Code No.	Model	PSI	Refrigerant	Length
T020136	CT-336RYB	500 ~ 2500	R22	36"
T020160	CT-360RYB			60"
T020172	CT-372RYB			72"
T020253	CT-336RYB	600 ~ 3000	R134a	36"
T020256	CT-360RYB			60"
T020257	CT-372RYB			72"
T020403	CT-336RYB	800 ~ 4000	R410a	36"
T020406	CT-360RYB			60"
T020407	CT-372RYB			72"



Gauges & Valves, Flare Nuts & Union



T020203
BG-250-B-Low
Single gauge for
R12/R22/R134a



T020204
RG-500-R-High
Single gauge for
R12/R22/R134a



T020205
Blue/Low Gauge
(Aruki RG-250-B)
R12/R22/R134a/R502



T020206
Red/High Gauge
(Aruki RG-500-R)
R12/R22/R134a/R502



T020423
BG-500-A-Low
Single gauge with rubber
protective boots for
R410a/R22/R134a/R404a



T020424
RG-800-A-High
Single gauge with rubber
protective boots for
R410a/R22/R134a/R404a



T120303
QC-12LH for R134a
Quick Coupler



T120305
QC-LH for R134a
Quick Coupler



T120311/12
CT-466/CT-466B
Gauge valve with metal/plastic knob



T120340
CH-338
Can Tap Valve
for R134a



T120341
CH-339
Can Tap Valve
for R134a



T120342
CH-340
Can Tap Valve
for R134a



T120344
CH-341
Can Tap Valve
for R600a



T130302
OD 1/4" x ID 5/16"
Adapter for R410a

Flare nut & union



Flare nut		Union	
Code	**Size**	**Code**	**Size**
T130101	1/4"	T130201	OD 1/4"
T130102	5/16"	T130202	OD 5/16"
T130103	3/8"	T130203	OD 3/8"
T130104	1/2"	T130204	OD 1/2"
T130105	5/8"	T130205	OD 5/8"
T130106	3/4"	T130206	OD 3/4"

Tools



T050113
Pipe Insulation Foam Tape
(3mm x 50mm x 9140mm)



T120321
CT-195 (45°)
Flares: 1/2", 7/16", 5/16", 1/4", 3/16", 3/8", 5/8"



T120323
CT-275B (45°)
Flaring & Swaging
Flares: 1/8" - 3/4"
Swages: 3/16" - 3/4"



T120324
CT-278 (45°)
Flaring & Swaging
Flares: 1/8" - 3/4"
Swages: 3/16" - 3/4"



T120327
CT-N806A
Flaring Tool
Eccentric Cone



T120330
CT-1104
Capillary Tube Cutter



T120331
CT-127
Pipe Cutter
(OD: 1/8" ~ 5/8")



T120332
CT-274
Pipe Cutter
(OD: 1/8" ~ 1 1/8")



T120334
CT-128
Pipe Cutter
(OD: 1/8" ~ 7/8")



T120343
BVP-31
Clamp on Tapping Valve
(1/4", 5/16", 3/8")



T120351
CT-201
B Pinch Off Pliers



T120353
CT-351
Fin Straightener



T120360
CT-100A
Tube Expander for:
3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8" OD



T120368
CN-N369A
Tube Bender 3 in 1
180°



T120385
HT-1S6
Hand Torch



C511332
BCup-2
1.3 x 3.2 x 500mm

Recovery / Reclaimer Unit

ARUKI®

T060112 (VRR12A)



- Oil filled pressure gauge
- Self-clearing valve, purge "on the fly"
- Recovers all commonly used refrigerants
(CFC, HCFC, HFC including R410A)
- Economic Recovery Workhorse

* Allows cost savings from re-cycling and re-using of gas recovered by the machine!

SPECIFICATION

Refrigerant Class	**CAT III**	**R12 , R134a , R401C , R406A , R500**
	CAT IV	R22 , R401A , R401B , R402B , R407C , R407D , R408A , *R409A , R411A , R411B , R412A , R502 , R509*
	CAT V	R402A , R404A , R407A , R407B , R410A , R507
Power Supply	220-240VAC , 50/60Hz	
Motor	1/2HP	
Motor Speed	1450RPM @ 50Hz / 1750RPM @ 60Hz	
Max. Current Draw	8A @ 60Hz	4A @ 50Hz / 4.8A @ 60Hz
Compressor Type	"Oil-Less" air cooled	
High Pressure Shut-Off	38.5 bar / 3850k Pa (558psi)	

REFRIGERANT RECOVERY RATE

Recovery Rate (kg / min)	*** Refrigerant Class**	**CAT III**	**CAT IV**	**CAT V**
	Vapor	0.23 kg / min	0.25 kg / min	0.26 kg / min
	Liquid	1.57 kg / min	1.81 kg / min	1.85 kg / min
	Push/Pull	4.64 kg / min	5.57 kg / min	6.22 kg / min
Operating Temp.	0 deg C – 40 deg C			
Dimensions	500 mm (L) x 220 mm (W) x 340 mm (H)			
Net Weight	16kg			

Vacuum Pump

ARUKI®

T0101 - Series (Single Stage)



SPECIFICATION

Code No.	T010102	T010101	T010104	T010103	T010106	T010105	T010108	T010107
Model	VP-1C-2	VP-1C-1	VP-1.5A-2	VP-1.5A-1	VP-2B-2	VP-2B-1	VP-3B-2	VP-3B-1
Voltage	220V	110V	220V	110V	220V	110V	220V	110V
Frequency	50/60Hz	60Hz	50/60Hz	60Hz	50/60Hz	60Hz	50/60Hz	60Hz
Flow Rate (CFM)	1.8	2.0	3.5	4.0	6.0	7.0	8.0	9.0
L/MIN	50	56	100	114	170	198	226	254
Ultimate (Pa)	2		2		2		2	
Vacuum (Microns)	150		150		150		150	
Capacity factor (W)	135		160		180		370	
Motor	1/4HP		1/3HP		1/2HP		3/4HP	
Intake Port	1/4		1/4		1/4 & 3/8		1/4 & 3/8	
Oil Capacity	250ml		250ml		415ml		600ml	
Dimension	290x110x240mm		315x120x240mm		336x123x255mm		385x140x280mm	
Net Weight	6.6kg		8.0kg		9.9kg		14.6kg	

Vacuum Pump

ARUKI®

T0102 - Series (Double Stage)



SPECIFICATION

Code No.	T010202	T010201	T010204	T010203	T010206	T010205	T010208	T010207	
Model	VP2-0.5B-2	VP2-0.5B-1	VP2-1B-2	VP2-1B-1	VP2-2B-2	VP2-2B-1	VP2-3B-2	VP2-3B-1	VP2-4B-2
Voltage	220V	110V	220V	110V	220V	110V	220V	110V	220V
Frequency	50/60Hz	60Hz	50/60Hz	60Hz	50/60Hz	60Hz	50/60Hz	60Hz	50/60Hz
Flow Rate (CFM)	1.5	1.8	2.5	3.0	4.5	5.0	6.0	7.0	8.0
L/MIN	42	50	70	84	128	142	170	198	226
Ultimate (Pa)	$2x10^{-1}$		$2x10^{-1}$		$2x10^{-1}$		$2x10^{-1}$		$2x10^{-1}$
Vacuum (Microns)	15		15		15		15		15
Capacity factor (W)	160		180		250		370		
Motor	1/4HP		1/3HP		1/2HP		3/4HP		1HP
Intake Port	1/4		1/4		1/4 & 3/8		1/4 & 3/8		1/4 & 3/8
Oil Capacity	200ml		200ml		325ml		580ml		500ml
Dimension	308x124x224mm		318x124x234mm		338x138x244mm		395x145x257mm		395x145x257mm
Net Weight	7.5kg		8.5kg		10.4kg		15.8kg		16.2kg

Digital Clamp Meter

ARUKI®

T030101 (ACE-01)

True-RMS Digital Clamp Meter

Comes with a set of test leads,
2pcs of AAA battery, user manual
and carry bag

Measurement for:

- Temperature
- Resistance Ohm
- Ampere
- Voltage
- Capacitance

Features:

- Portable and light
- NCV detector
- LCD with backligh
- LED flash light



Scan QR code to watch video demo

Specification	Range		Accuracy
DC Voltage	600mV/6V/60V/600V		± (0.5%+5)
AC Voltage	6V/60V/600V		± (0.8%+5)
AC Current	6A/60A/600A		± (2.5%+5)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6mΩ/60mΩ		± (1.0%+2)
Capacitance	10nF/100nF/1uF/10uF/100uF/1000uF/10mF/100mF		± (4.0%+5)
Frequency	50Hz/500Hz/5kHz/50kHz/100kHz		± (1.0%+2)
Duty Cycle	1%-99%		± (3.0%+2)
Temperature (°C)	-20°C ~ 1000°C		± (2.0%+2)
Features			
Tapered Jaws with hook tip	✓	NCV detector	✓
Data hold	✓	Back light	✓
Flash light	✓	Auto power off	✓
Diode test	✓	Safety Rating	CE CAT.III600V RoHs
Continuity	✓	Power source	1.5V (AAA) x2 Batteries

Refrigerant Leak Detector

ARUKI®

T030312 (AR5750A)

Comes with a charger for the detector,
a user manual and a tool box packaging





SPECIFICATION

- Fast warm up time (90s) and response time is instantaneous
- Suitable for all refrigerant gas and the sensitivity of the detector is adjustable.
- Detects the intensity of the leakage level and the flexible probe can easily access any area.
- Use the high effective mechanical pump to decrease the reactive time (reduce response time).
- Has a 2000mAh rechargeable li-battery and is able operate continuously up to 5 hours.
- LED light to show low battery indication, analog quantity indication and alarm indication.

Power Supply	2000mAh, 3.7V Ni-MH rechargeable battery
Auto Power Off	Yes
Operating Temperature	0°C ~ 52°C (32°F ~ 125°F)
Continuous Operation Time	5 hours (varies slightly with different operations)
Weight/Dimension	411g/ (235 x 86 x 46) mm
Measurement Gas	Inflammable gas, refrigerant, halogen gas, etc.
Sensitivity	<= 5PPM/ for all halogen-based refrigerants
Sensitivity Adjustable	Yes
Alarm Indication	LED light
Low Battery Indication	
Analog Quantity Indication	
Type of Sensor	Semiconductor

Digital Humidity & Temperature Meter

ARUKI®

T030316 (MS6508)





Sensor

Display screen

Dew-point

Wet-bulb

Ambient temperature

Power

Data-holding

Max-Min

Data-preserving

Data recall

Automatic power-off

Backlight

Unit switch

SPECIFICATION

Temperature	Relative Humidity
Range: -20 to 60℃（-4 to 140°F） Accuracy：±0.5℃on 0 to 45℃ ±1.0℃on -20 to 0℃，45 to 60℃ Resolution: 0.1℃/°F Update rate:400ms Sensor type: high quality digital sensor (SHT75)	Range:0 to 100% RH Accuracy：±2.0% RH(10 to 90%) ±3.0% RH(0 to 10%, 90 to 100%) Update rate: 400ms Sensor type: high quality digital sensor (SHT75)
Wet Bulb Temperature	**Dew Point Temperature**
Range : -20 to 60℃（-4 to 140°F） Accuracy：±0.5℃on 0 to 45℃ ±1.0℃on -20 to 0℃，45 to 60℃ Resolution: 0.1℃/°F Update rate: 400ms	Range : -50 to 60℃（-58 to 140°F） Accuracy：±0.5℃on 0 to 45℃ ±1.0℃on -50 to 0℃，45 to 60℃ Resolution: 0.1℃/°F Update rate: 400ms

Power	4 each AAA batteries, 24A, LR03
Battery Life	200 hours
Weight	190g with batteries
Dimensions	184mm×60mm×29mm
Auto Power off	√
Manual Data Memory and Recall (99 samples)	√

Digital Humidity & Temperature Meter

ARUKI®

T030317 (AR837)



Features :	Specifications :
Large LCD Dual Display Humidity & Temperature Measuring Humidity & Temperature Max/Min Measuring Data Hold ℃/℉ selectable Low Battery Indication No Operation 15 minutes Auto Power Off External DC 9V Power	Temperature Range: -10℃ to 50℃ Relative Humidity Range: 5.0%RH to 98% RH Accuracy : Temperature: +- 1.5℃ Relative Humidity: +-3.0%RH (in 25℃, 40 to 80%RH) +-5%RH (in 25℃, 10 to 40%RH, 80 to 95%RH) Resolution: 0.1℃/℉; 0.1%RH Sampling Rate: 2.5 times/sec Power Supply: 9V Battery Operating Conditions: -10℃ to 50℃ (32℉ to 122℉) <80%RH non-condensing Storage Conditions: -10℃ to 50℃ (32℉ to 122℉) 0%RH to 90%RH

Digital IR Thermometer

ARUKI®

T030321 IR THERMOMETER

(AR 320+)



SPECIFICATION

Power Supply	2 x AAA battery	**Resolution**	0.1°C, 0.1°F
Battery Life (Alkaline)	Laser Models 12 hours	**Ambient Operating Range**	0°C ~ 40°C (32°F ~ 104°F)
Display	Color LCD	**Relative Humidity**	10% - 95% RH
Storage Temperature	-20°C ~ 60°C (-4°F ~ 104°F)	**Distance Spot Ratio**	12:1
Weight / Dimension	130g / (14.6 x 0.8 x 3.8) cm	**Spectral Response**	8 - 14μm
Temperature Range	-32°C ~ 380°C (-26°F ~ 716°F)	**Emissivity**	0.95 (pre-set)
Accuracy	± 2°C or 2%	**Laser**	ON / OFF

ARUKI®

BRINGING HUMANITY FORWARD

ASPT (Singapore) Pte Ltd

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