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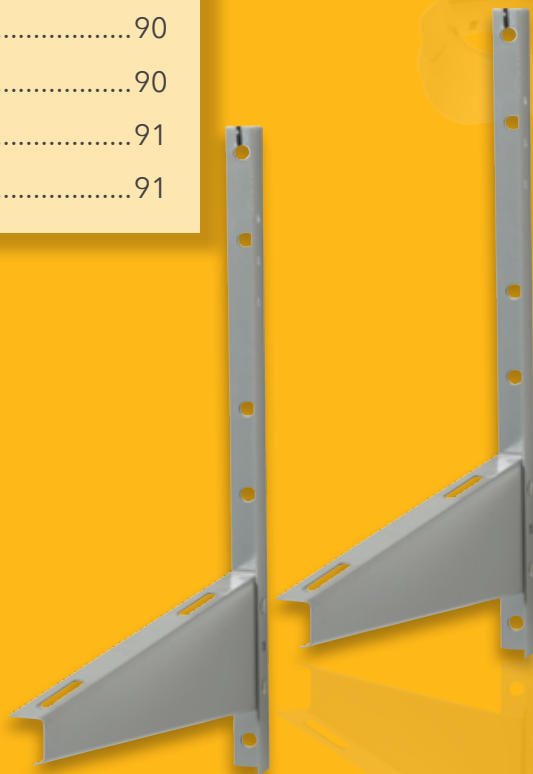


MINI-SPLIT REPLACEMENT PARTS

The general mini-split replacement parts section is composed of the most common parts that need replacement such as sensors, capacitors, compressors, remotes for all brands. In addition to all the products you need for installation for any brand or sizes, such as mounting brackets, communication wire, and installation kit.

table of contents

AMBIENT TEMPERATURE SENSOR.....	84
THERMAL COMPOUND.....	84
INTERCONNECT WIRE.....	85
REMOTE CONTROL	85
COMPRESSORS	86
LINE SET COVERS.....	88
LINE SET CONNECTOR	90
LINE SETS.....	90
CONDENSER BRACKETS.....	91
MOUNTING CHANNELS.....	91



SMART ELECTRIC REPLACEMENT SENSORS:

Mini-split air conditioner and heat pump equipment require standard protection control for normal operation. Sensors are widely used in these types of equipment to prevent the system from running under abnormal conditions. There are typically two sensors in the evaporator, room temperature sensors and coil temperature sensors. These two sensors differ on calibration range and the lead material.

PLASTIC AMBIENT TEMPERATURE SENSOR

PART NO.	DESCRIPTIONS
PS10	10K Ω Ambient Temperature Sensor with 3' Lead
PS15	15K Ω Ambient Temperature Sensor with 3' Lead



PLASTIC AMBIENT



COPPER COIL

COPPER COIL TEMPERATURE SENSOR

PART NO.	DESCRIPTIONS
CP10	10K Ω Coil Temperature Sensor with 3' Lead
CP20	20K Ω Coil Temperature Sensor with 3' Lead

SE420H HEAT SINK COMPOUND

THERMAL CONDUCTIVE PASTE APPLIED UNDER ELECTRONIC CHIPS AND OTHER HEAT GENERATING DEVICES. IT'S MAIN PURPOSE IS HEAT DISSIPATION THROUGH A METAL CHASSIS OR FIN SURFACE. HEAT SINK COMPOUND DISSIPATES HEAT AWAY FROM THE PFC BOARD AND/OR DRIVE BOARD.



INTERCONNECTING WIRES

16/4 STRANDED BC SHIELDED CMP • 16/4 STR COMPACT 250'R BLK
 16/4 STR COMPACT 50'R BLK • 22/4 STR SHIELDED CMP
 14/4 STRANDED BC SHIELDED CMP



PART NO.	PURPOSE	SPECS	DESCRIPTION	PRODUCT
ICW-1	Outdoor/Indoor interconnecting wire	16/4 AWG CMP Plenum Multi-Conductor Shielded Wire, Sold by the foot	Mini-Split 16/4 AWG Stranded and Shielded wire strongly recommended for interconnecting Outdoor and Indoor units.	
ICW-2	Outdoor/Indoor interconnecting wire	16/4 AWG Bare Copper Power and Control Cable, Sold by the foot	Mini-Split 16/4 Stranded wire for interconnecting signal between Outdoor and Indoor unit, for residential applications where interference is not critical.	
ICW-3	Outdoor/Indoor interconnecting wire	22/4 AWG CMP Plenum Multi-Conductor Shielded Wire, Sold by the foot	Mini-Split 22/4 AWG Stranded and Shielded wire strongly recommended for interconnecting CHP024CD-B(O) Outdoor with CCA-24, FCA-24, TCA-24 Evaporators.	
ICW-4	Outdoor/Indoor interconnecting wire	14/4 AWG CMP Plenum Multi - Conductor Shielded Wire	Mini-Split 14/4 AWG Stranded and Shielded wire strongly recommended for interconnecting Outdoor and Indoor units.	

SMART ELECTRIC REMOTE CONTROL:

Thousands of codes available to match up to 4,000 different types of Mini-splits. Simply locate a matching code for your Mini-split brand on the list available, then using the Remote Control point at the evaporator unit and follow the Instructions on the manual. After programming the Remote Control successfully, your system is ready to operate normally.

REMOTE CONTROL FOR MINI-SPLITS FOR ALL BRANDS

- 4000 different codes compatible with multiple air conditioning equipment brands
- No programming necessary for several recognizable air conditioning brands
- User-friendly Auto-Search Code function
- Energy-Saving Feature (Sleep Function)
- Clock Settings and 24-Hr On-Off timer
- General Lock Function to prevent undesired programming changes
- Bright LCD display
- Memory Function: settings are not lost during battery change-out
- °F Display and °C Display settings



PART NO.	DESCRIPTION
CU5000	Fahrenheit/Celsius remote

GMCC AIR CONDITIONING ROTARY COMPRESSOR

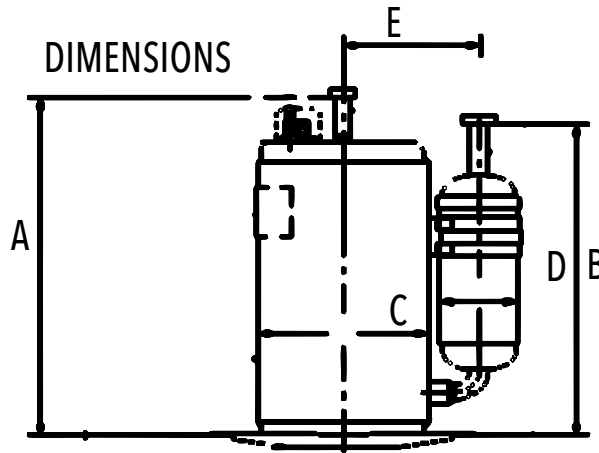
THESE HIGHLY RELIABLE AND HIGH EFFICIENCY ROTARY COMPRESSORS ARE PERFECT FOR RESIDENTIAL AND COMMERCIAL AIR CONDITIONING

FEATURES

- Evaporating temp: 7.2°/45oF
- Condensing temp: 54.4°/130oF
- Return gas temp: 35.0°/95oF
- Ambient temp: 35.0°/95oF
- Liquid temp: 46.1°/115oF
- Conversion table: Kcal/h x 1.163 = W
W x 3.412 = Btu/h

R22 COMPRESSOR MODEL	POWER	CAPACITY (BTU)	EER	RLA (A)	LRA (A)	CAPACITOR	MOTOR TYPE
EH130M1C-1DZDU1	115V/60hz/1phase	9212	10.81	7.95	37.4	55	PSC
EH170M1B-1DZ1	115V/60hz/1phase	11942	10.68	9.58	57	55	PSC
PH135X1C-3DZDU2	208/230V/60hz/1phase	9434	10.75	4.45	26	35	PSC
PH170G1C-3DZDU1	208/230V/60hz/1phase	12027	10.92	5.21	26.7	35	PSC
PH170G1C-3FTU	208/230V/60hz/1phase	12232	10.99	5.3	22.6	35	PSC
PH240M2C-3FTU1	208/230V/60hz/1phase	17247	10.85	7.6	29.6	40	PSC
PH290X2C-3FTU1	208/230V/60hz/1phase	21222	10.5	9.72	53.6	50	PSC
PH331X3C-3MUU1	208/230V/60hz/1phase	24122	10.92	10.5	44	55	PSC
PH361X3CS-3KTU	208/230V/60hz/1phase	26272	10.75	11.55	45	55	PSC
PH400X3CS-3MTU	208/230V/60hz/1phase	29786	10.88	13	59.93	55	PSC

R22 COMPRESSOR MODEL	DIMENSION (IN)					LOADING QUANTITY PER PALLET	CERTIFICATIONS
	A	B	C	D	E		
EH130M1C-1DZDU1	10.47	9.96	4.61	2.17	3.70	80	UL & CSA
EH170M1B-1DZ1	11.22	10.12	4.57	2.17	3.70	80	UL & CSA
PH135X1C-3DZDU2	11.22	9.84	4.61	2.17	3.70	80	UL
PH170G1C-3DZDU1	11.22	9.84	4.57	2.17	3.70	80	UL
PH170G1C-3FTU	11.22	9.96	4.57	3.15	4.25	60	UL
PH240M2C-3FTU1	11.50	9.61	5.12	3.15	4.53	60	UL & CSA
PH290X2C-3FTU1	12.24	9.69	5.08	3.15	4.53	60	UL
PH331X3C-3MUU1	13.11	12.64	5.71	3.15	4.80	48	UL & CSA
PH361X3CS-3KTU	13.58	13.15	5.71	3.15	4.80	48	UL & CSA
PH400X3CS-3MTU	14.61	13.15	5.71	3.15	4.80	48	UL



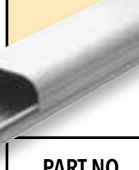
R410A COMPRESSOR MODEL	POWER	CAPACITY (BTU)	EER	RLA (A)	LRA (A)	CAPACITOR	MOTOR TYPE
ASN82N1UDZ	208/230V/60hz/1phase	8576	10.24	4.05	20.3	25	PSC
PA118M1C-3FZU	208/230V/60hz/1phase	11703	10.37	5.4	27	35	PSC
PA170M2C-3ETU	208/230V/60hz/1phase	17332	10.2	8.2	40	40	PSC
PA210M2C-3ETU2	208/230V/60hz/1phase	21256	10.34	9.9	55.4	50	PSC
PA240M2C-3MTU	208/230V/60hz/1phase	24481	10.24	11.6	55.4	55	PSC

R410A COMPRESSOR MODEL	DIMENSION (IN)					LOADING QUANTITY PER PALLET	CERTIFICATIONS
	A	B	C	D	E		
ASN82N1UDZ	9.80	8.82	4.21	2.15	3.19	80	UL & CSA
PA118M1C-3FZU	10.94	9.69	4.61	3.15	3.70	80	UL & CSA
PA170M2C-3ETU	11.93	9.53	5.12	2.52	4.17	60	UL & CSA
PA210M2C-3ETU2	12.68	9.53	5.12	2.52	4.17	60	UL & CSA
PA240M2C-3MTU	12.68	11.65	5.12	3.15	4.53	60	UL & CSA

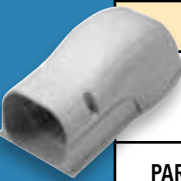
LINE SET COVERS AND PLASTIC FITTINGS FOR MINI SPLITS

FEATURES:


- For residential and light commercial applications
- UV Resistant • Fire Resistant ABS
- Equivalent UL-94V-0 • Natural Sand Color



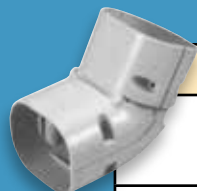
SPLIT LINE TUBE											
Dimensions (in/mm)											
PART NO.	A		B		C		D		E		Weight (Ounces)
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	
SDD65	2 5/16	59	2 5/16	59	78 3/4	2000	N/A	N/A	N/A	N/A	32.0
SDD75	2 15/16	75	2 7/16	62	78 3/4	2000	N/A	N/A	N/A	N/A	41.0
SDD110	4 5/16	110	3 1/16	78	78 3/4	2000	N/A	N/A	N/A	N/A	69.0



WALL COVER/INLET											
Dimensions (in/mm)											
PART NO.	A		B		C		D		E		Weight (Ounces)
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	
SWW65	2 9/16	65	2 9/16	65	7 7/8	200	3 1/16	78	3 3/16	81	4.0
SWW75	3 1/4	83	2 11/16	68	8 1/4	210	3 11/16	94	3 1/4	83	6.0
SWW110	4 5/8	117	3 1/4	83	9 5/8	244	5 3/8	137	3 13/16	97	9.0



UNIVERSAL ELBOW (HORIZONTAL)											
Dimensions (in/mm)											
PART NO.	A		B		C		D		E		Weight (Ounces)
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	
SEC65	2 9/16	65	2 9/16	65	5 3/8	137	N/A	N/A	N/A	N/A	5.0
SEC75	3 1/4	83	2 11/16	68	5 3/4	146	N/A	N/A	N/A	N/A	5.0
SEC110	4 5/8	117	3 1/4	83	8 1/8	206	N/A	N/A	N/A	N/A	14.0



UNIVERSAL ELBOW (VERTICAL)											
Dimensions (in/mm)											
PART NO.	A		B		C		D		E		Weight (Ounces)
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	
SDC65	2 9/16	65	2 9/16	65	4 3/4	121	N/A	N/A	N/A	N/A	4.0
SDC75	3 1/4	83	2 11/16	68	4 13/16	122	N/A	N/A	N/A	N/A	4.0



90° ELBOW (VERTICAL)											
PART NO.	Dimensions (in/mm)										Weight (Ounces)
	A		B		C		D		E		
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	
SEE65	2 9/16	65	2 9/16	65	4 3/4	121	N/A	N/A	N/A	N/A	3.0
SEE75	3 1/4	83	2 11/16	68	4 7/8	124	N/A	N/A	N/A	N/A	4.0
SEE110	4 5/8	117	3 1/4	83	5 5/16	135	N/A	N/A	N/A	N/A	7.0



WALL ENTRY FITTING											
PART NO.	Dimensions (in/mm)										Weight (Ounces)
	A		B		C		D		E		
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	
SW65	4 5/16	110	4 5/16	110	5/8	16	N/A	N/A	N/A	N/A	1.0
SW75	4 15/16	125	4 1/2	114	5/8	16	N/A	N/A	N/A	N/A	2.0
SW110	7 7/8	200	7 1/16	179	5/8	16	N/A	N/A	N/A	N/A	2.0



T-JOINT											
PART NO.	Dimensions (in/mm)										Weight (Ounces)
	A		B		C		D		E		
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	
ST75	3 1/4	83	2 11/16	68	4 3/4	121	6 5/16	160	1	25	8.0
ST110	4 5/8	117	2 15/16	75	7 7/8	200	10 1/8	257	1 3/16	30	16.0



JOINT											
PART NO.	Dimensions (in/mm)										Weight (Ounces)
	A		B		C		D		E		
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	
SJ65	2 9/16	65	2 9/16	65	3 1/8	79	N/A	N/A	N/A	N/A	2.0
SJ75	3 1/4	83	2 11/16	68	3 1/8	79	N/A	N/A	N/A	N/A	2.0
SJ110	4 5/8	117	3 1/4	83	3 1/8	79	N/A	N/A	N/A	N/A	3.0



REDUCER JOINT											
PART NO.	Dimensions (in/mm)										Weight (Ounces)
	A		B		C		D		E		
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	
SRJ75	2 11/16	68	2 11/16	68	3 9/16	90	3 1/4	83	2 11/16	68	3.0
SRJ110	3 3/8	86	2 13/16	71	3 9/16	90	4 5/8	117	3 1/4	83	4.0

FLEXIBLE REFRIGERANT LINE SET CONNECTOR

ELIMINATES KINKING OF THE COPPER TUBING WHEN CONNECTING TO THE MINI-SPLIT INDOOR EVAPORATOR 3 FT OVERALL LENGTH



FEATURES:

- 3" copper stubs for silver solder or flaring
- Stainless steel corrugated pipe
- Pressure Rating : 800 PSI suitable for R410a system
- 4 Sizes available:

PART NO.	DESCRIPTION	LENGTH
SFLC1/4	1/4"	3'
SFLC3/8	3/8"	3'
SFLC1/2	1/2"	3'
SFLC5/8	5/8"	3'

LINE SETS

TABLE BELOW SHOWS LINESET SIZE REQUIREMENTS FOR ALL OF OUR MINI-SPLITS. STANDARD LENGTH AVAILABLE IS 15-FT. OPTIONAL LENGTHS* ARE ALSO AVAILABLE UPON REQUEST. ANY OTHER LENGTH NEEDED, PLEASE CONTACT US DIRECTLY. NOTE: COPPER LINE SETS. NO FLARE FITTINGS INCLUDED.



PART NO.	LIQUID (IN)	SUCTION (IN)	INSULATION (IN)	LENGTH (FT)	OPTIONAL LENGTH (FT)	
LST-A	1/4	3/8	1/2	15	25	100
LST-B	1/4	1/2	1/2	15	25	100
LST-C	1/4	5/8	1/2	15	25	100
LST-D	3/8	5/8	1/2	15	25	100

MINI-SPLIT CONDENSER MOUNTING BRACKETS

BRACKETS OFFER STRONG AND SECURE SUPPORT FOR MINI-SPLIT CONDENSERS IN VARIOUS MOUNTING LOCATIONS. ALL OF OUR BRACKETS ARE CONSTRUCTED OF HEAVY DUTY STEEL AND HIGH QUALITY FINISH FOR MAXIMUM WEATHER RESISTANCE.

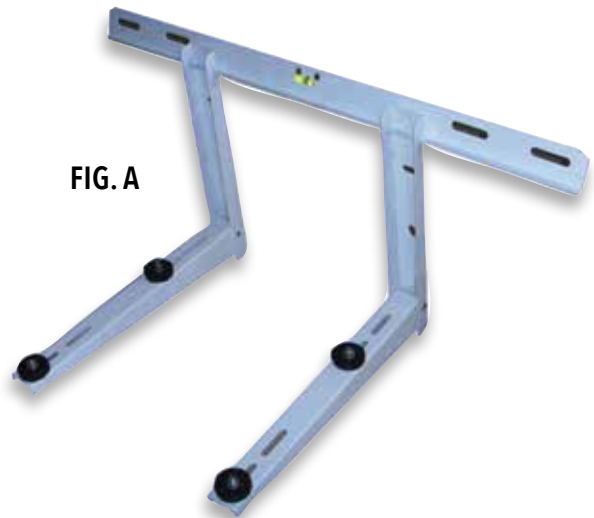


FIG. A

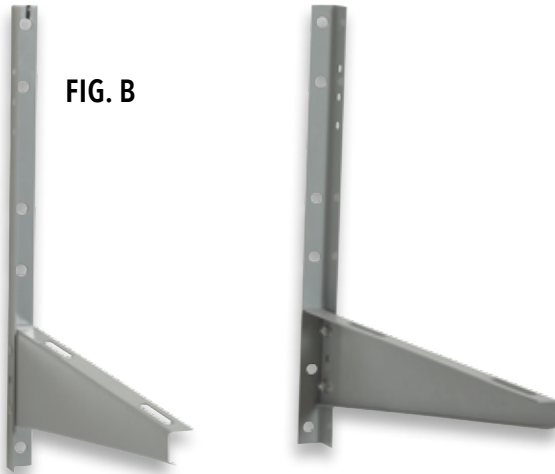


FIG. B



PART NO.	FIGURE	H x W x D	MAX. LOAD	FINISH
SB33	A	18" x 33.5" x 22"	300 lbs	Powdercoat
SB35	A	18" x 33.5" x 24"	500 lbs	Powdercoat
SB46	B	23 5/8" x 23 5/8"	300 lbs	Powdercoat
SB47	B	17 3/4" x 13 3/4"	500 lbs	Powdercoat

PLASTIC MINI-SPLIT MOUNTING CHANNEL

FEATURES:

- 4" Ivory Riser
- Simple secure mounting for small and large piping systems, ductwork runs, cable trays and small equipment such as condensers



PART NO.	LONG	UPPER SIDE WIDTH	LOWER SIDE WIDTH	HEIGHT	MAX. LOAD	FINISH
SER4	13 3/4 in	3 1/4 in	4 in	3 3/4 in	300 lbs	Plastic



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SE

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