

Panasonic Industrial Company
Air Conditioning Department

2K20S3R236A-6B
208/230 V, 60 Hz R-22

2K20S3R236A-6B

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	33.5 oz.	950 g
	(C)	38.8 oz. 1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170557-A	

Rated Performance @230V¹

Capacity	13,810 Btu/hr
Motor Input	1,280 Watts
Current	5.7 Amperes
E.E.R.	10.79 Btu/hr/ W

Compressor Data

Pump Type	Rotary
Displacement	19.6 cc/rev
Oil	ATMOS M60 or equivalent
Oil Charge (Precharged)	13.9 fl. oz. 410 cc
Net Weight	35.3 lb 16.0 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	33 A at 240 V
Winding Resistance	Main: 2.391Ω, Aux: 1.423Ω
Max. Continuous Current ²	

Maximum Operating Conditions

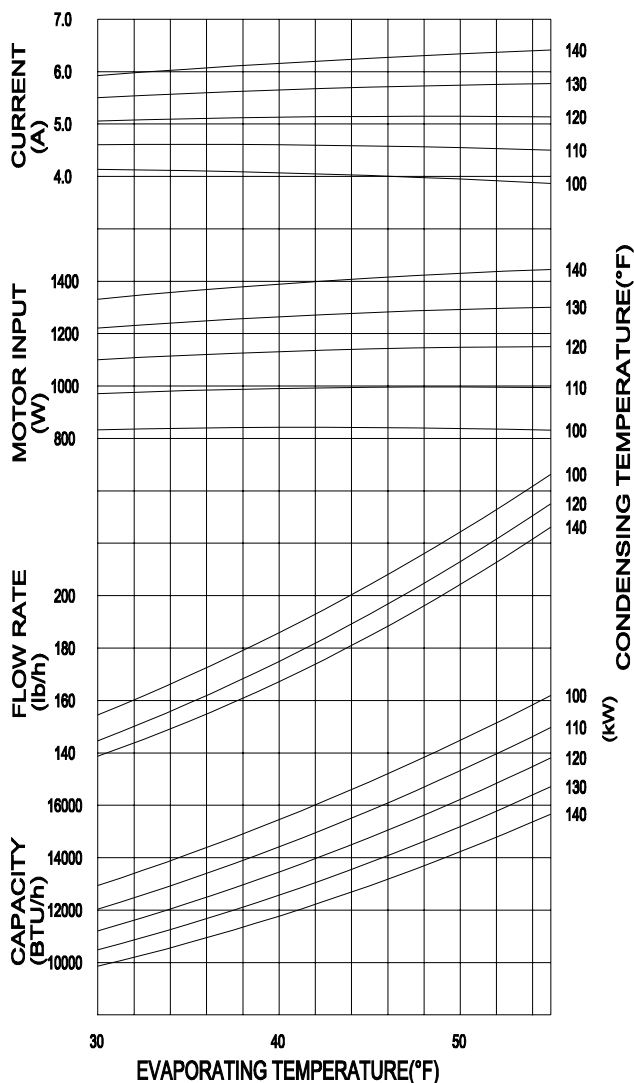
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100500 or 7100501
Texas Instrument part #	MRA 98908 or MRA 98848
Run Capacitor	35 or 40 μF/330 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @230V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	13615	12840	12065	11295	10530
	Watts	875	1005	1130	1250	1360
	Amperes	4.0	4.6	5.1	5.6	6.1

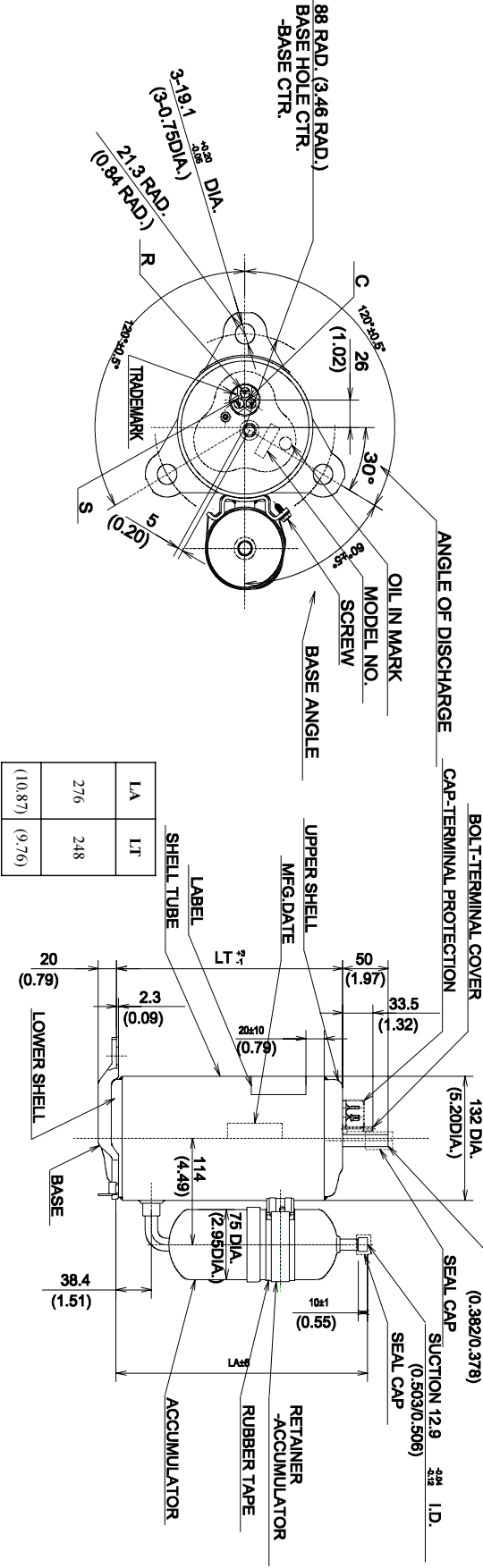
45° F 7.2°C	Btu/hr	16600	15680	14750	13810	12855
	Watts	875	1010	1145	1280	1405
	Amperes	4.0	4.6	5.1	5.7	6.3

55° F 12.8°C	Btu/hr	20070	19005	17910	16785	15635
	Watts	835	995	1145	1295	1435
	Amperes	3.8	4.5	5.1	5.8	6.4

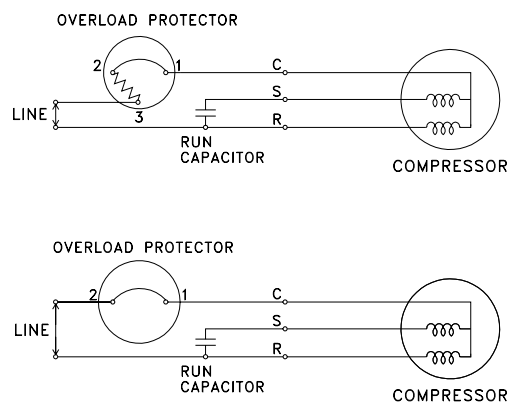
2K20S3R236A-6B

208/230 V, 60 Hz R-22

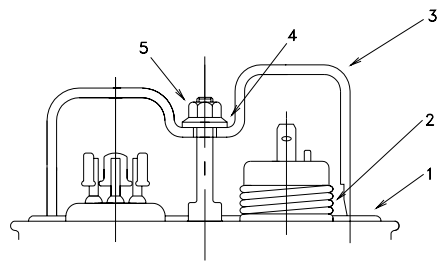
BTU 14,000



WIRING DIAGRAM

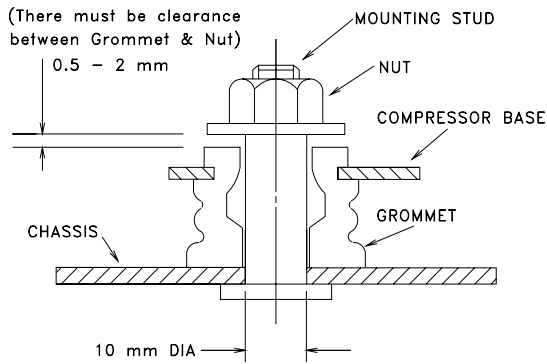


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070219U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2K21C3R236A-SA
208/230 V, 60 Hz R-22

2K21C3R236A-SA

Application

Cooling (C) / Heating (H)

Ref. Charge Limit (C/H)

38.8 oz. 1100 g

Evap. Temp. Range (C/H)

5°F to 53.6°F -15°C to 12°C

(C)

14°F to 53.6°F -10°C to 12°C

Specification Number

SC-52170977-A

Rated Performance @230V¹

Capacity

14,840 Btu/hr

Motor Input

1,475 Watts

Current

6.5 Amperes

E.E.R.

10.06 Btu/hr/ W

Compressor Data

Pump Type

Rotary

Displacement

21.4 cc/rev

Oil

ATMOS M60 or equivalent

Oil Charge (Precharged)

13.9 fl. oz. 410 cc

Net Weight

32.9 lb 14.9 kg

Motor Data

Motor Type

Permanent Split Capacitor

Locked Rotor Amperes

36 A at 240 V

Winding Resistance

Main: 2.022Ω, Aux: 4.701Ω

Max. Continuous Current²

Maximum Operating Conditions

Condensing Temp.

149°F 65°C

Return Gas Temp.

95°F 35°C

Discharge Gas Temp.

239°F 115°C

Motor Wire Temp.

266°F 130°C

Electrical Components

Overload Protector

7100066 or 7100515

Texas Instrument part #

MRA 989772 or MRA 98859

Run Capacitor

30 μF/370 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.

45°F 7.2°C

Condensing Temp.

130°F 54.4°C

Return Gas Temp.

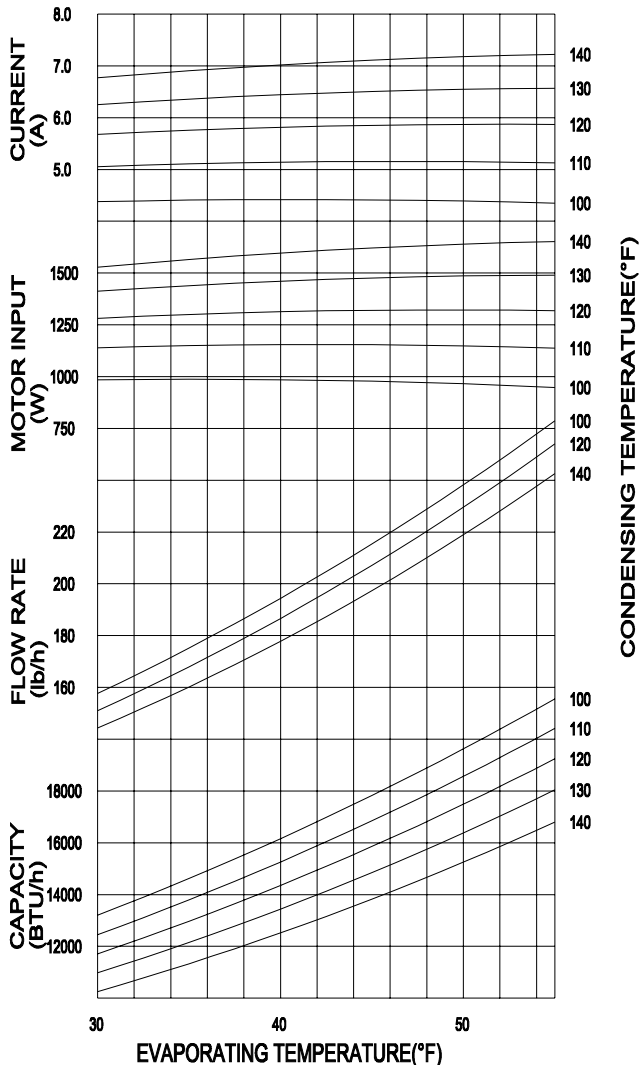
95°F 35.0°C

Liquid Temp.

115°F 46.1°C

Ambient Temp.

95°F 35.0°C



Performance Data @230V

Based on:

Return gas Temp.

95°F 35.0°C

Liquid sub-cooling

15°F 8.3°C

Ambient

95°F 35.0°C

COND. TEMP

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	43.3°C	48.9°C	60°C

EVAP. TEMP.

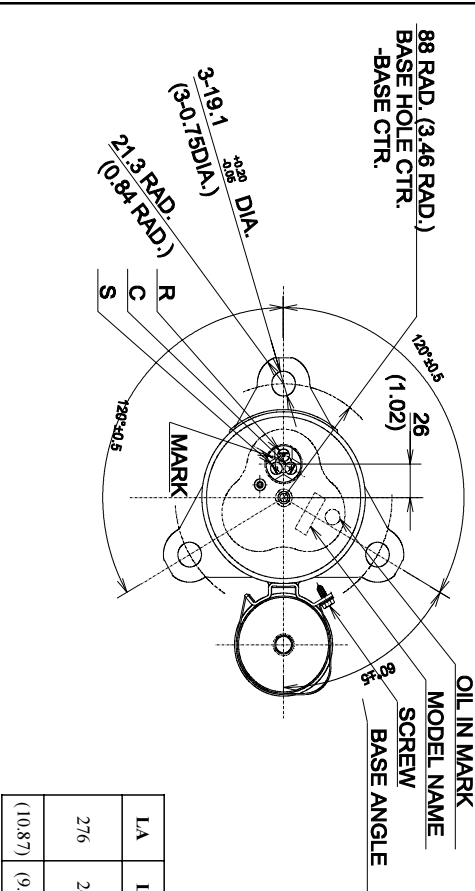
35° F 1.7°C	Btu/hr	14610	13785	12960	12140	11320
	Watts	985	1150	1300	1440	1565
	Amperes	4.4	5.1	5.8	6.4	6.9
45° F 7.2°C	Btu/hr	17820	16840	15845	14840	13815
	Watts	975	1155	1320	1475	1620
	Amperes	4.4	5.1	5.8	6.5	7.1
55° F 12.8°C	Btu/hr	21545	20405	19235	18035	16795
	Watts	945	1135	1315	1490	1650
	Amperes	4.3	5.1	5.9	6.6	7.2

BTU 15,000

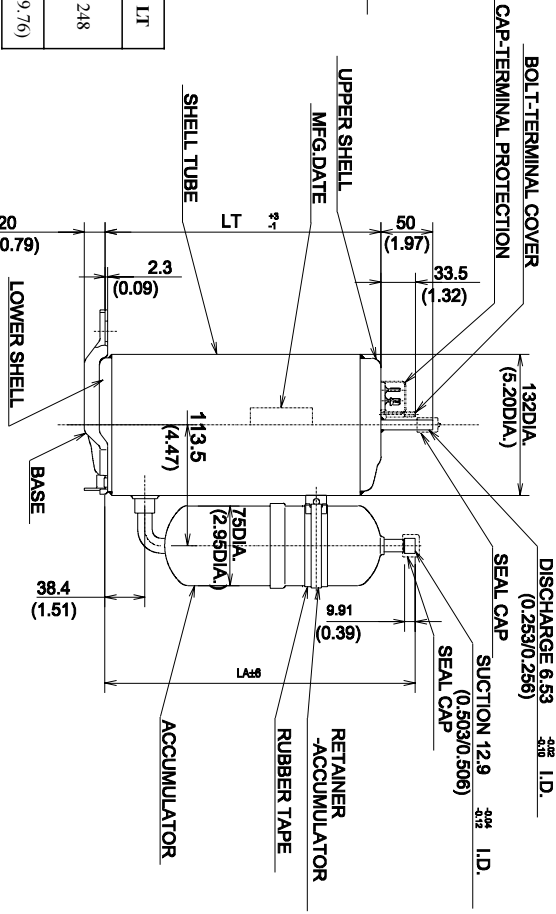
2K21C3R236A-SA

208/230 V, 60 Hz R-22

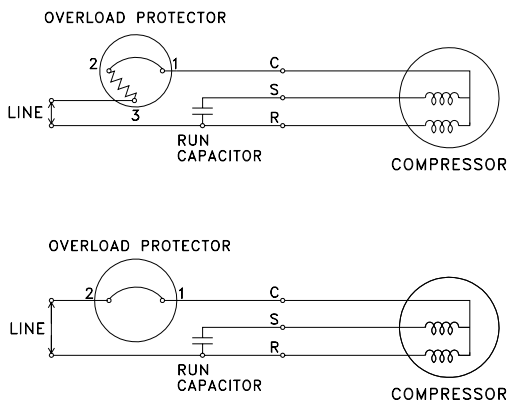
BTU 15,000



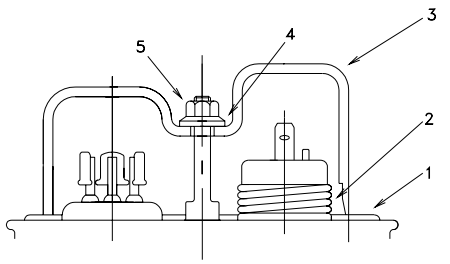
L/A	L/T
276	248
(10.87)	(9.76)



WIRING DIAGRAM

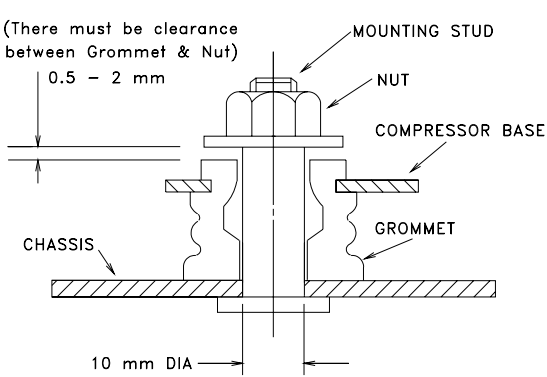


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070219U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company
 Air Conditioning Department

2K21S3R276A-6A
 265/277 V, 60 Hz R-22

2K21S3R276A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	33.5 oz.	950 g
	(C)	38.8 oz. 1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170430-C	

Rated Performance @265V¹

Capacity	15,080 Btu/hr
Motor Input	1,405 Watts
Current	5.4 Amperes
E.E.R.	10.73 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	21.4 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	13.9 fl. oz.	410 cc
Net Weight	34.8 lb	15.8 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	31 A at 277 V	
Winding Resistance	Main: 2.554Ω, Aux: 1.550Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

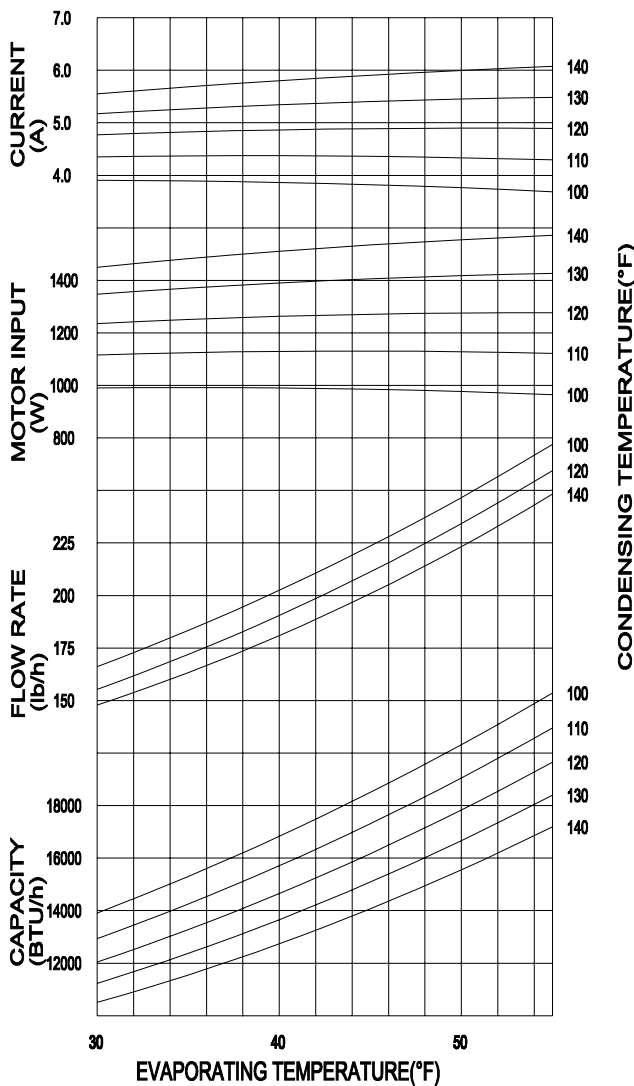
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100096
Texas Instrument part #	MRA98830
Run Capacitor	35 μF/400 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @265V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP

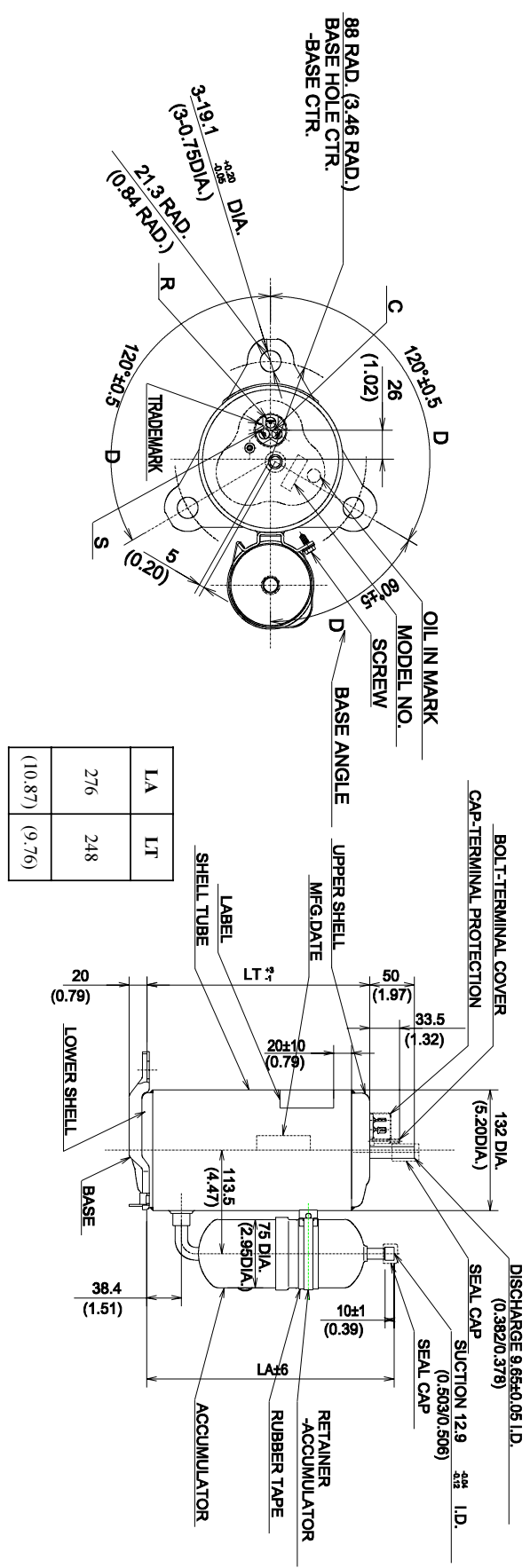
100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP

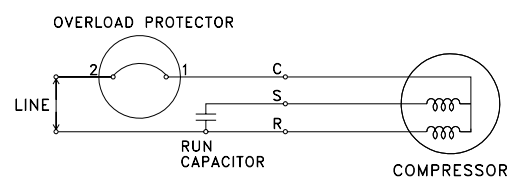
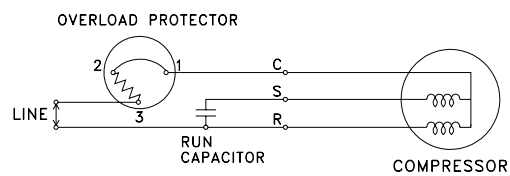
35° F 1.7°C	Btu/hr	15280	14240	13270	12370	11550
	Watts	990	1125	1250	1370	1480
	Amperes	3.9	4.4	4.8	5.3	5.7
45° F 7.2°C	Btu/hr	18470	17290	16150	15080	14070
	Watts	985	1130	1270	1405	1535
	Amperes	3.8	4.4	4.9	5.4	5.9
55° F 12.8°C	Btu/hr	22250	20920	19635	18380	17180
	Watts	965	1120	1275	1425	1570
	Amperes	3.7	4.3	4.9	5.5	6.1

2K21S3R276A-6A
265/277 V, 60 Hz R-22

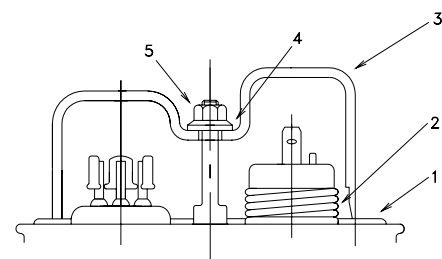
BTU 15,000



WIRING DIAGRAM

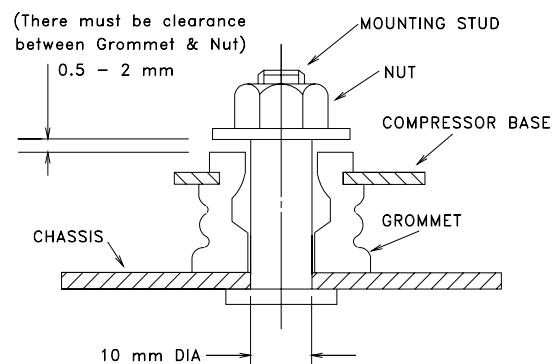


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070219U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company
 Air Conditioning Department

2K21S3R276A-6A
 265/277 V, 60 Hz R-22

2K21S3R276A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	33.5 oz.	950 g
	(C) 38.8 oz.	1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170430-C	

Rated Performance @265V¹

Capacity	15,080 Btu/hr
Motor Input	1,405 Watts
Current	5.4 Amperes
E.E.R.	10.73 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	21.4 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	13.9 fl. oz.	410 cc
Net Weight	34.8 lb	15.8 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	31 A at 277 V	
Winding Resistance	Main: 2.554Ω, Aux: 1.550Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

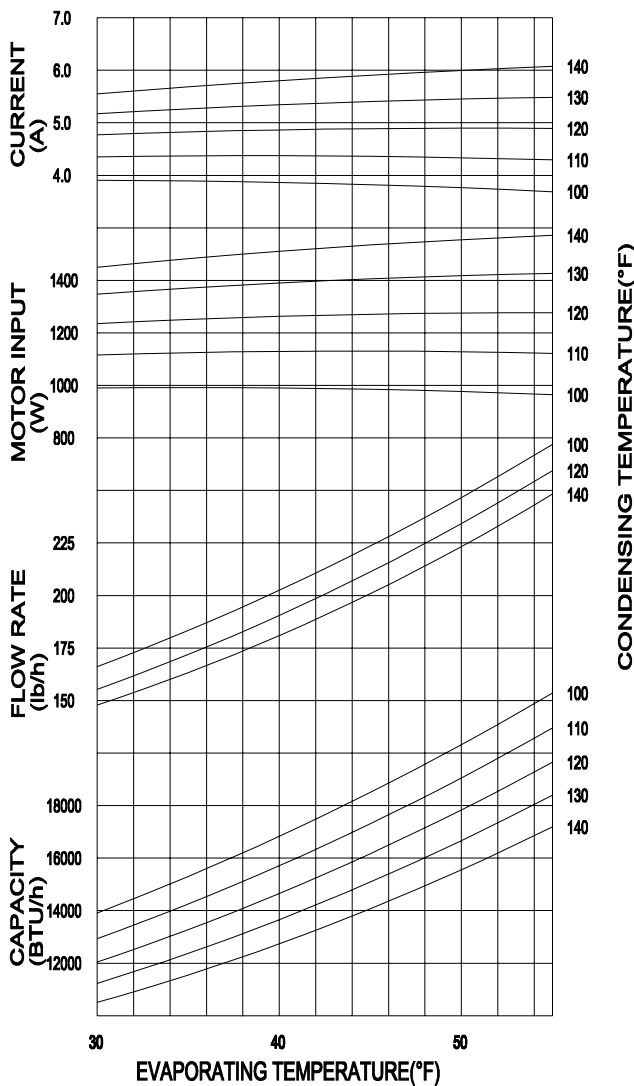
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100096
Texas Instrument part #	MRA98830
Run Capacitor	35 μF/400 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @265V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP

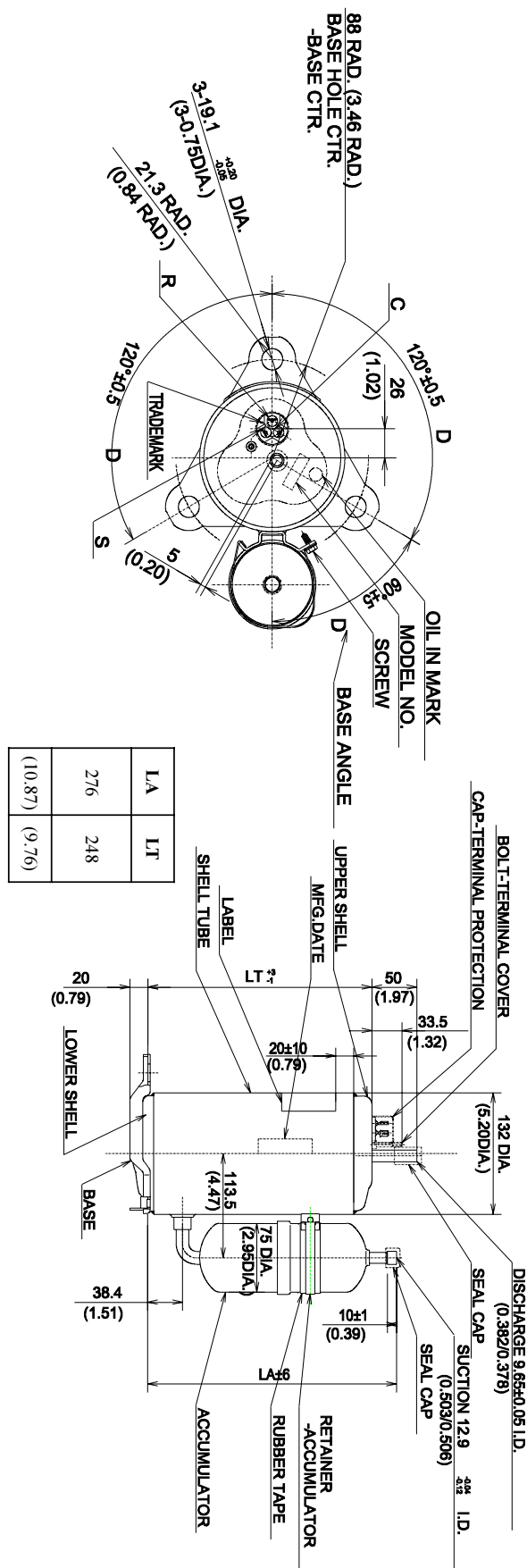
100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP

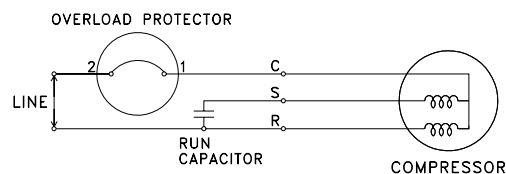
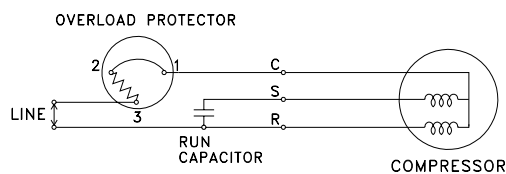
35° F 1.7°C	Btu/hr	15280	14240	13270	12370	11550
	Watts	990	1125	1250	1370	1480
	Amperes	3.9	4.4	4.8	5.3	5.7
45° F 7.2°C	Btu/hr	18470	17290	16150	15080	14070
	Watts	985	1130	1270	1405	1535
	Amperes	3.8	4.4	4.9	5.4	5.9
55° F 12.8°C	Btu/hr	22250	20920	19635	18380	17180
	Watts	965	1120	1275	1425	1570
	Amperes	3.7	4.3	4.9	5.5	6.1

265/277 V, 60 Hz R-22

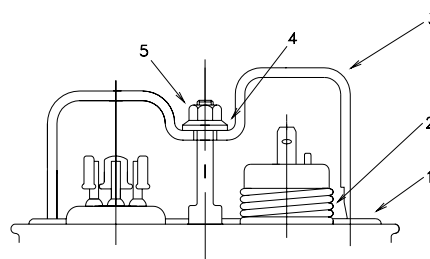
BTU 15,000



WIRING DIAGRAM

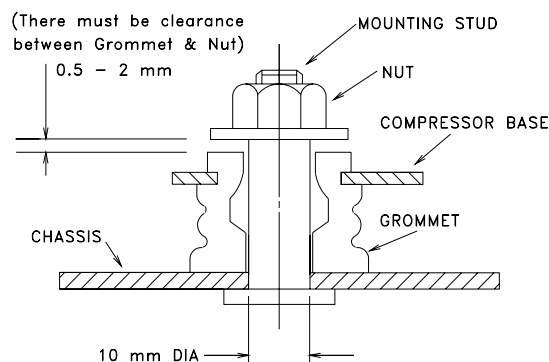


COMPRESSOR ACCESSORIES



Accessories	Part Number
Gasket-Terminal Cover	7070620U
Spring-OLP hold down	7041200
Terminal Cover	7070219U
Gasket-Nut	7070621U
Nut-Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2K24S3R236B-6A
208/230 V, 60 Hz R-22

2K24S3R236B-6A

Application	Cooling only	
Ref. Charge Limit	47.6 oz.	1350 g
Evaporating Temp. Range	14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52171274-A	

Rated Performance @230V¹

Capacity	17,775 Btu/hr
Motor Input	1,665 Watts
Current	7.3 Amperes
E.E.R.	10.68 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	24.3 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	14.6 fl. oz.	430 cc
Net Weight	35.7 lb	16.2 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	42 A at 240 V	
Winding Resistance	Main: 1.989Ω, Aux: 2.130Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

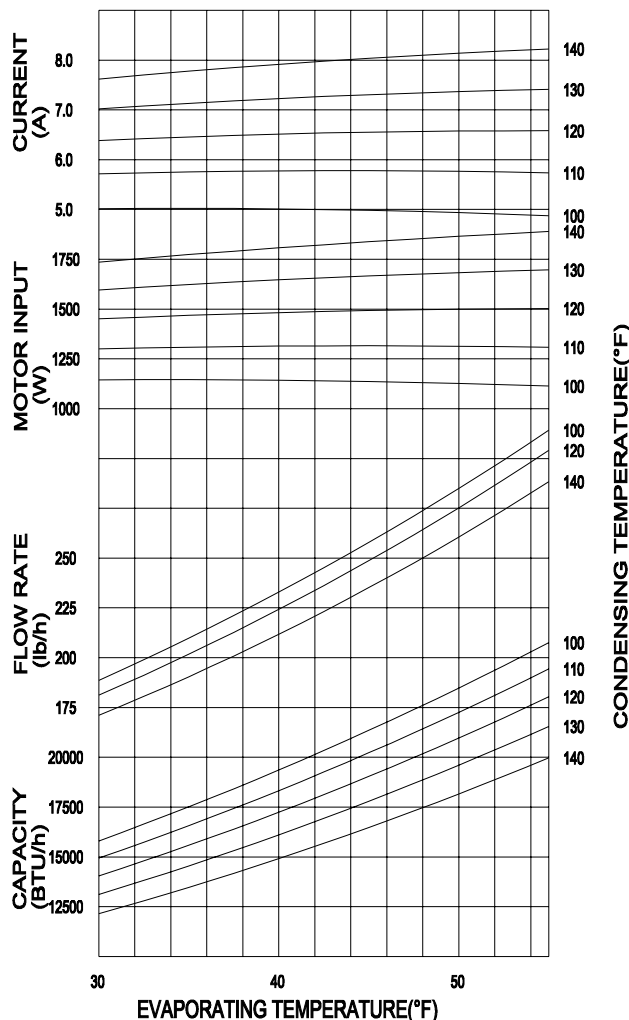
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100534
Texas Instrument part #	MRA 98982
Run Capacitor	35 μF/370 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @230V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

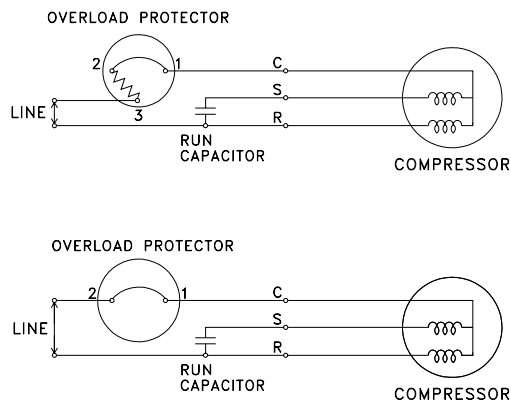
COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

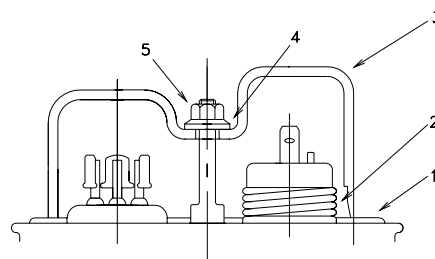
EVAP. TEMP.

35° F 1.7°C	Btu/hr	17500	16555	15565	14535	13460
	Watts	1145	1305	1465	1620	1770
	Amperes	5.0	5.7	6.5	7.1	7.8
45° F 7.2°C	Btu/hr	21330	20205	19025	17775	16460
	Watts	1135	1315	1490	1665	1835
	Amperes	5.0	5.8	6.5	7.3	8.0
55° F 12.8°C	Btu/hr	25745	24425	23025	21540	19965
	Watts	1110	1305	1500	1695	1890
	Amperes	4.9	5.7	6.6	7.4	8.2

208/230 V, 60 Hz R-22

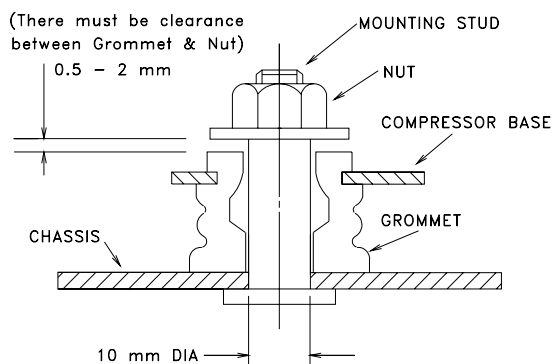


COMPRESSOR ACCESSORIES



Accessories	Part Number
Gasket-Terminal Cover	7070620U
Spring-OLP hold down	7041200
Terminal Cover	7070219U
Gasket-Nut	7070621U
Nut-Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)
روبروی پالایشگاه نفت یارس، پلاک ۱۲

Panasonic Industrial Company
Air Conditioning Department

2K25S3R236A-6C
208/230 V, 60 Hz R-22

2K25S3R236A-6C

Application	Cooling Only
Ref. Charge Limit	38.8 oz. max. 1100 g
Evaporating Temp. Range	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52171278-A

Rated Performance @230V¹

Capacity	18,050 Btu/hr
Motor Input	1,675 Watts
Current	7.4 Amperes
E.E.R.	10.78 Btu/hr/ W

Compressor Data

Pump Type	Rotary
Displacement	25.2 cc/rev
Oil	ATMOS M60 or equivalent
Oil Charge (Precharged)	13.9 fl. oz. 410 cc
Net Weight	35.3 lb 16.0 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	42 A at 240 V
Winding Resistance	Main: 1.989Ω, Aux: 2.130Ω
Max. Continuous Current ²	

Maximum Operating Conditions

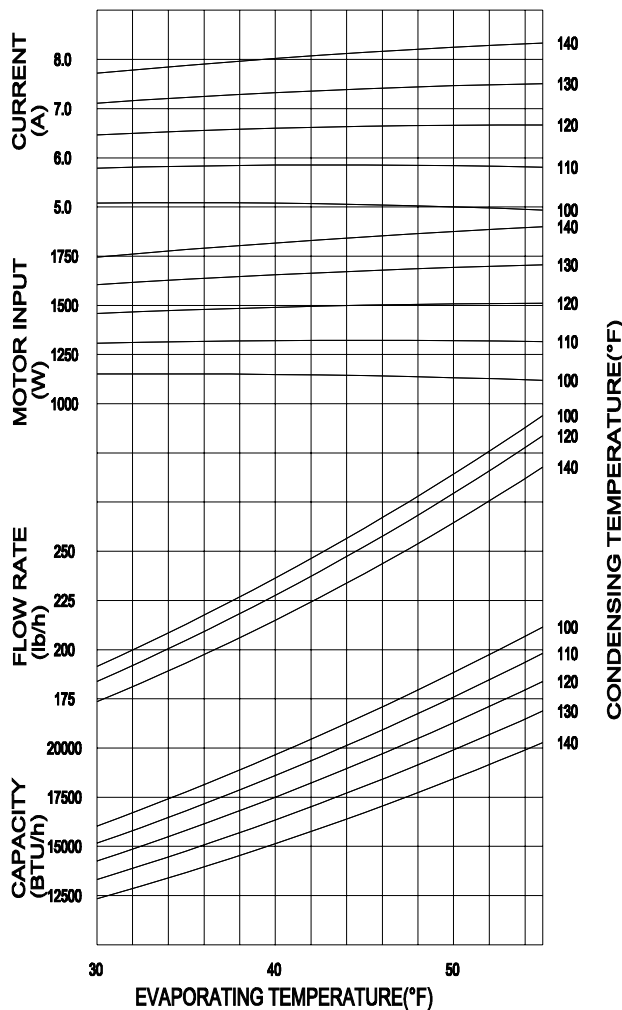
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100534
Texas Instrument part #	MRA98982
Run Capacitor	35 or 40 μF/370 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @230V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

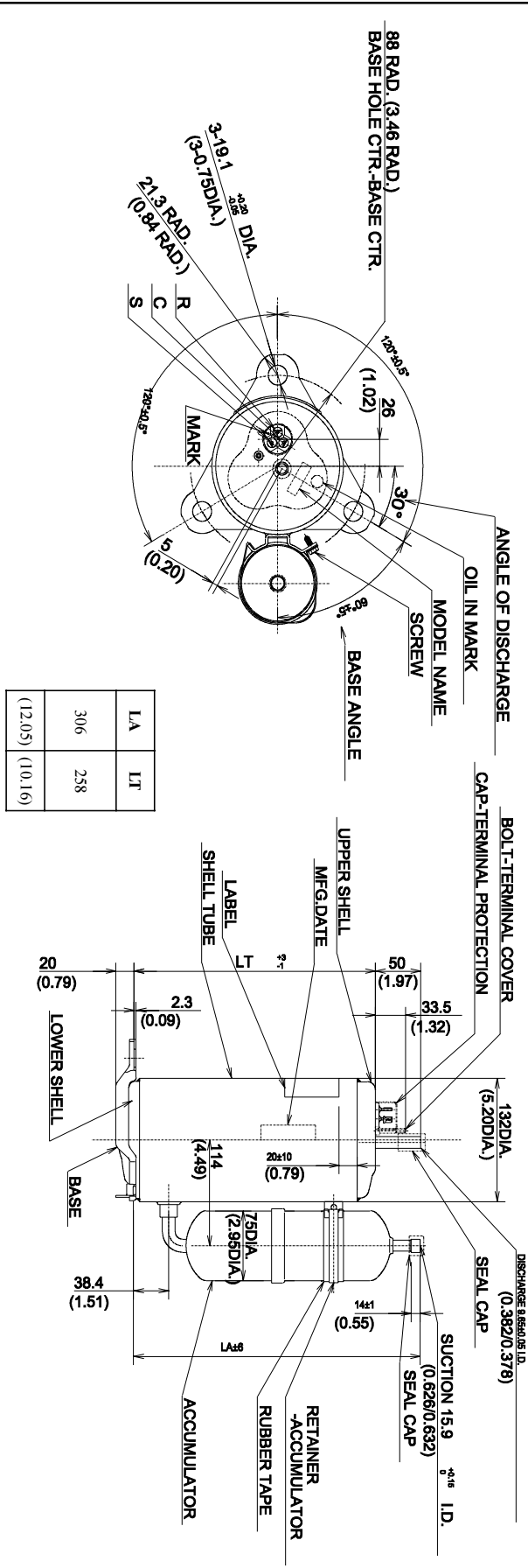
EVAP. TEMP

35° F 1.7°C	Btu/hr	17770	16810	15805	14760	13665
	Watts	1150	1315	1475	1630	1785
	Amperes	5.1	5.8	6.5	7.2	7.9
45° F 7.2°C	Btu/hr	21660	20520	19315	18050	16715
	Watts	1140	1320	1500	1675	1845
	Amperes	5.0	5.9	6.6	7.4	8.1
55° F 12.8°C	Btu/hr	26145	24800	23380	21875	20275
	Watts	1120	1315	1510	1705	1900
	Amperes	4.9	5.8	6.7	7.5	8.3

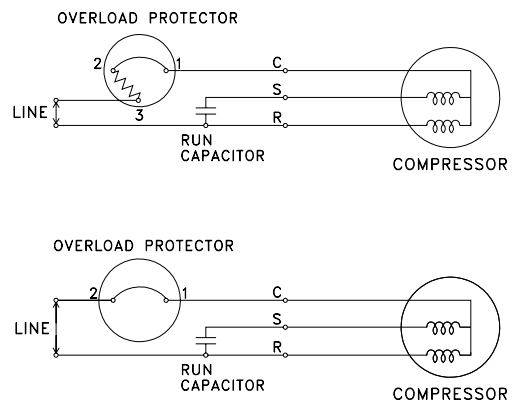
2K25S3R236A-6C

208/230 V, 60 Hz R-22

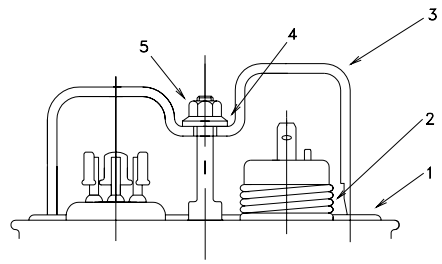
BTU 18,000



WIRING DIAGRAM

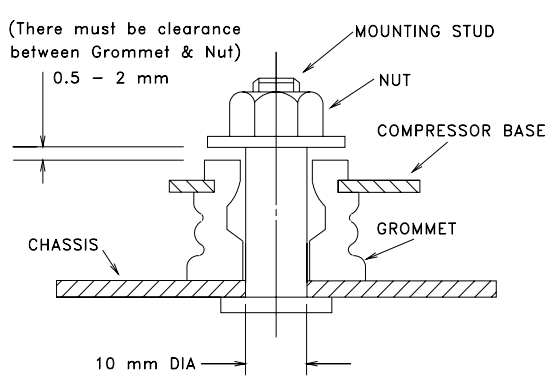


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070219U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2K25S3R236A-7A
208/230 V, 60 Hz R-22

2K25S3R236A-7A

Application Cooling (C) / Heating (H)
Ref. Charge Limit (C/H) 38.8 oz. 1100 g
Evap. Temp. Range (C/H) 5°F to 53.6°F -15°C to 12°C
(C) 14°F to 53.6°F -10°C to 12°C
Specification Number SC-52170473-A

Rated Performance @230V¹

Capacity 18,055 Btu/hr
Motor Input 1,725 Watts
Current 7.6 Amperes
E.E.R. 10.47 Btu/hr/ W

Compressor Data

Pump Type Rotary
Displacement 25.2 cc/rev
Oil ATMOS M60 or equivalent
Oil Charge (Precharged) 13.9 fl. oz. 410 cc
Net Weight 35.3 lb 16.0 kg

Motor Data

Motor Type Permanent Split Capacitor
Locked Rotor Amperes 42 A at 240 V
Winding Resistance Main: 1.989Ω, Aux: 2.130Ω
Max. Continuous Current²

Maximum Operating Conditions

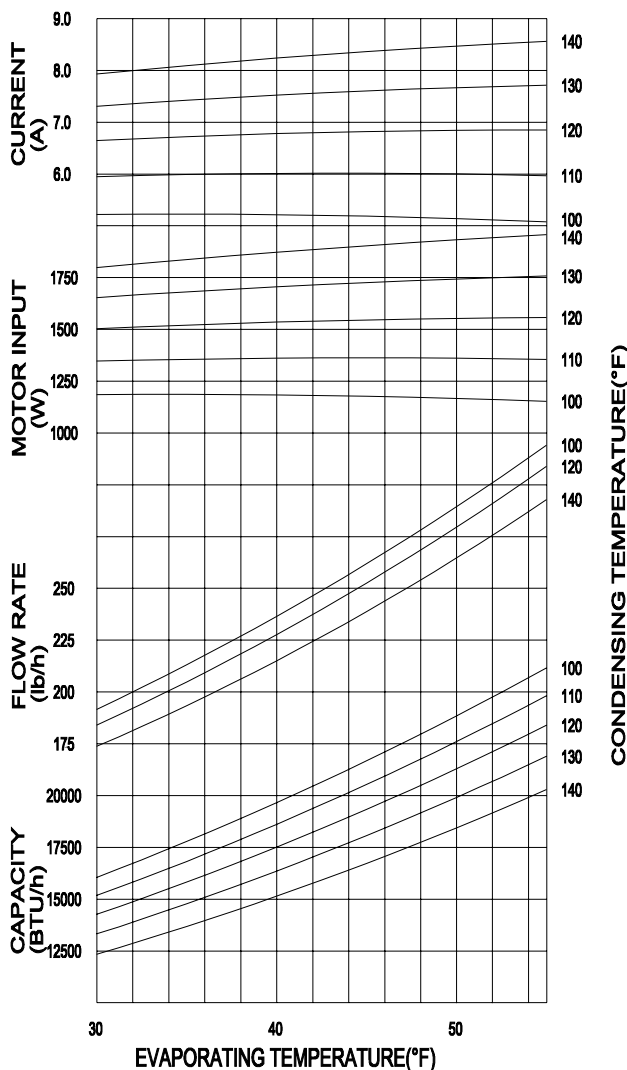
Condensing Temp. 149°F 65°C
Return Gas Temp. 95°F 35°C
Discharge Gas Temp. 239°F 115°C
Motor Wire Temp. 266°F 130°C

Electrical Components

Overload Protector 7100534
Texas Instrument part # MRA 98982
Run Capacitor 35 or 40 μF/370 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp. 45°F 7.2°C
Condensing Temp. 130°F 54.4°C
Return Gas Temp. 95°F 35.0°C
Liquid Temp. 115°F 46.1°C
Ambient Temp. 95°F 35.0°C



Performance Data @230V

Based on:

Return gas Temp. 95°F 35.0°C
Liquid sub-cooling 15°F 8.3°C
Ambient 95°F 35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

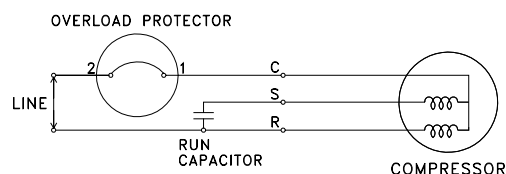
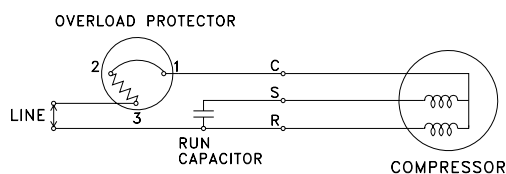
EVAP. TEMP.

35° F 1.7°C	Btu/hr	17775	16815	15810	14765	13670
	Watts	1185	1355	1520	1680	1836
	Amperes	5.3	6.0	6.7	7.4	8.1
45° F 7.2°C	Btu/hr	21665	20525	19320	18055	16720
	Watts	1176	1361	1545	1725	1900
	Amperes	5.2	6.0	6.8	7.6	8.4
55° F 12.8°C	Btu/hr	26150	24810	23385	21880	20280
	Watts	1152	1354	1556	1757	1956
	Amperes	5.1	6.0	6.8	7.7	8.6

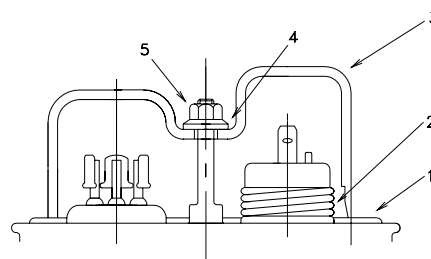
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²Contact Panasonic for value.

208/230 V, 60 Hz R-22

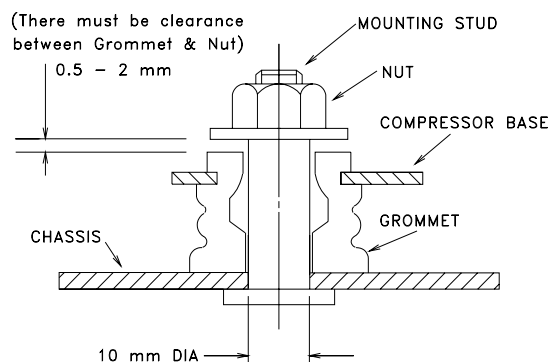


COMPRESSOR ACCESSORIES



Accessories	Part Number
Gasket-Terminal Cover	7070620U
Spring-OLP hold down	7041200
Terminal Cover	7070219U
Gasket-Nut	7070621U
Nut-Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



روبروی یالایشگاه نفت یارس، پلاک ۱۲

Panasonic Industrial Company
Air Conditioning Department

2K25S3R236A-7A
208/230 V, 60 Hz R-22

2K25S3R236A-7A

Application Cooling (C) / Heating (H)
Ref. Charge Limit (C/H) 38.8 oz. 1100 g
Evap. Temp. Range (C/H) 5°F to 53.6°F -15°C to 12°C
(C) 14°F to 53.6°F -10°C to 12°C
Specification Number SC-52170473-A

Rated Performance @230V¹

Capacity 18,055 Btu/hr
Motor Input 1,725 Watts
Current 7.6 Amperes
E.E.R. 10.47 Btu/hr/ W

Compressor Data

Pump Type Rotary
Displacement 25.2 cc/rev
Oil ATMOS M60 or equivalent
Oil Charge (Precharged) 13.9 fl. oz. 410 cc
Net Weight 35.3 lb 16.0 kg

Motor Data

Motor Type Permanent Split Capacitor
Locked Rotor Amperes 42 A at 240 V
Winding Resistance Main: 1.989Ω, Aux: 2.130Ω
Max. Continuous Current²

Maximum Operating Conditions

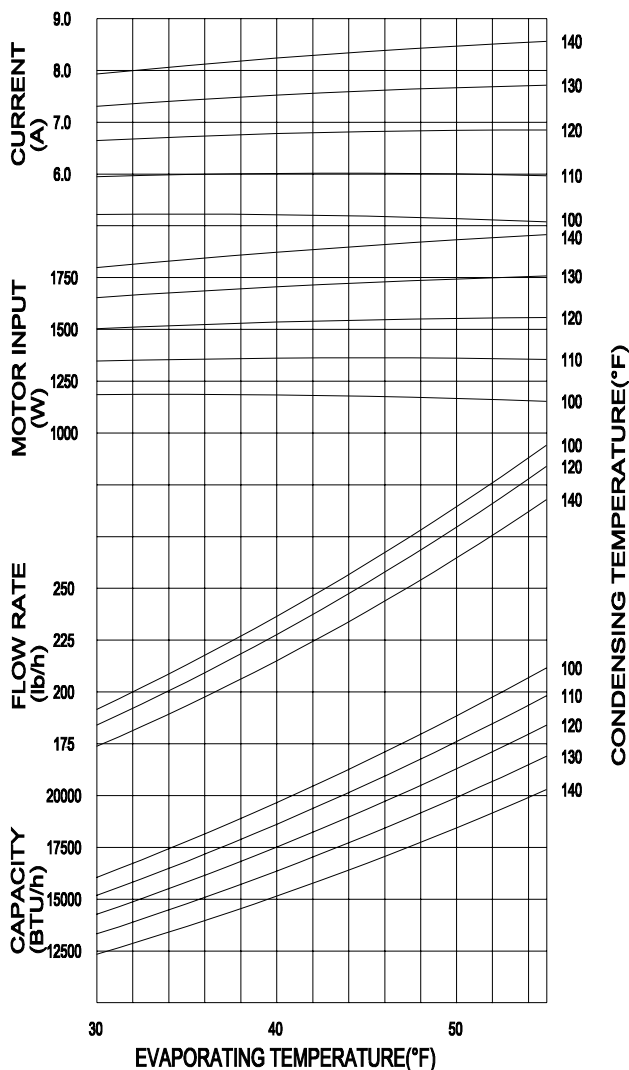
Condensing Temp. 149°F 65°C
Return Gas Temp. 95°F 35°C
Discharge Gas Temp. 239°F 115°C
Motor Wire Temp. 266°F 130°C

Electrical Components

Overload Protector 7100534
Texas Instrument part # MRA 98982
Run Capacitor 35 or 40 μF/370 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp. 45°F 7.2°C
Condensing Temp. 130°F 54.4°C
Return Gas Temp. 95°F 35.0°C
Liquid Temp. 115°F 46.1°C
Ambient Temp. 95°F 35.0°C



Performance Data @230V

Based on:

Return gas Temp. 95°F 35.0°C
Liquid sub-cooling 15°F 8.3°C
Ambient 95°F 35.0°C

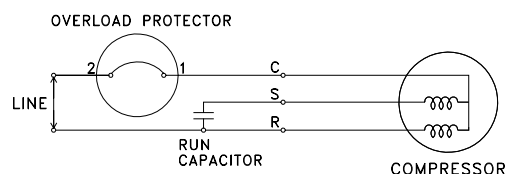
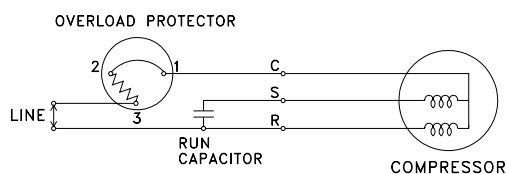
COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

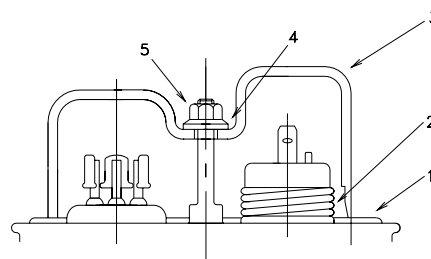
EVAP. TEMP.

35° F 1.7°C	Btu/hr	17775	16815	15810	14765	13670
	Watts	1185	1355	1520	1680	1836
	Amperes	5.3	6.0	6.7	7.4	8.1
45° F 7.2°C	Btu/hr	21665	20525	19320	18055	16720
	Watts	1176	1361	1545	1725	1900
	Amperes	5.2	6.0	6.8	7.6	8.4
55° F 12.8°C	Btu/hr	26150	24810	23385	21880	20280
	Watts	1152	1354	1556	1757	1956
	Amperes	5.1	6.0	6.8	7.7	8.6

208/230 V, 60 Hz R-22

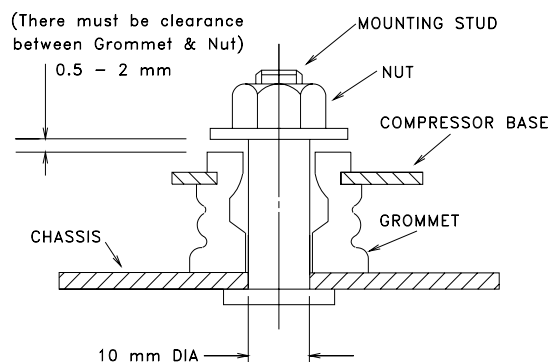


COMPRESSOR ACCESSORIES



Accessories	Part Number
Gasket-Terminal Cover	7070620U
Spring-OLP hold down	7041200
Terminal Cover	7070219U
Gasket-Nut	7070621U
Nut-Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



روبروی یالایشگاه نفت یارس، پلاک ۱۲

Panasonic Industrial Company
Air Conditioning Department

2K25S3R276A-6A
265/277 V, 60 Hz R-22

2K25S3R276A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	33.5 oz.	950 g
	(C)	38.8 oz. 1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170531-B	

Rated Performance @265V¹

Capacity	18,055 Btu/hr
Motor Input	1,725 Watts
Current	6.6 Amperes
E.E.R.	10.47 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	25.2 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	13.9 fl. oz.	410 cc
Net Weight	35.3 lb	16.0 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	35 A at 277 V	
Winding Resistance	Main: 2.223Ω, Aux: 2.004Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

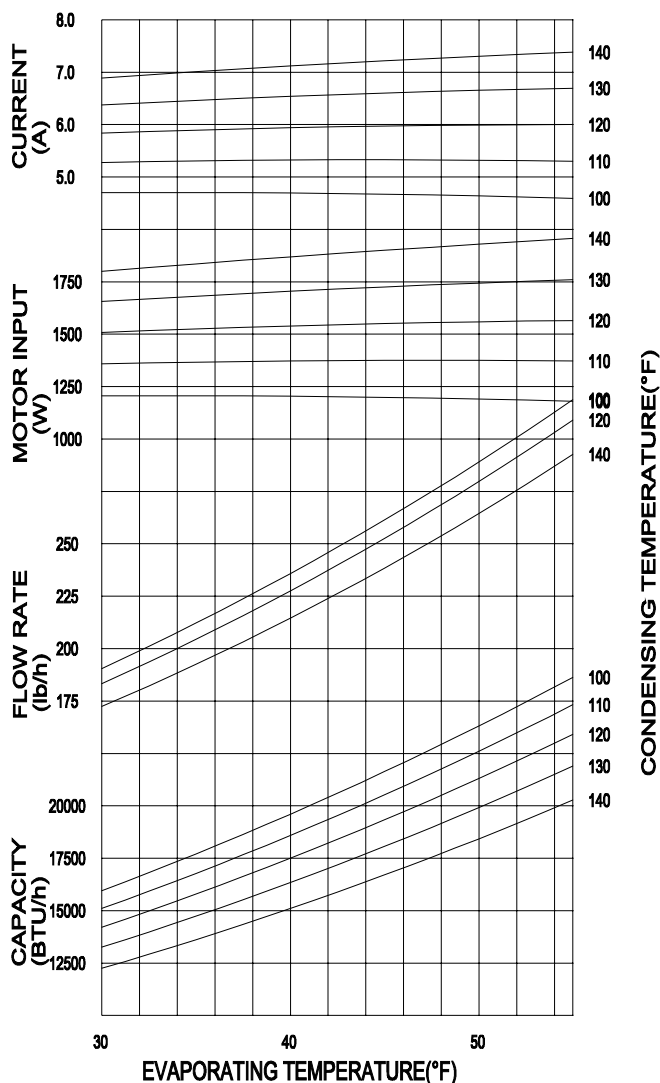
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100039
Texas Instrument part #	MRA98704
Run Capacitor	35 μF/400 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @265V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7° C	Btu/hr	17690	16765	15780	14735	13620
	Watts	1205	1365	1525	1680	1835
	Amperes	4.7	5.3	5.9	6.5	7.0
45° F 7.2° C	Btu/hr	21605	20500	19320	18055	16700
	Watts	1200	1375	1550	1725	1900
	Amperes	4.7	5.3	6.0	6.6	7.2
55° F 12.8° C	Btu/hr	26100	24795	23395	21885	20270
	Watts	1180	1370	1565	1760	1955
	Amperes	4.6	5.3	6.0	6.7	7.4

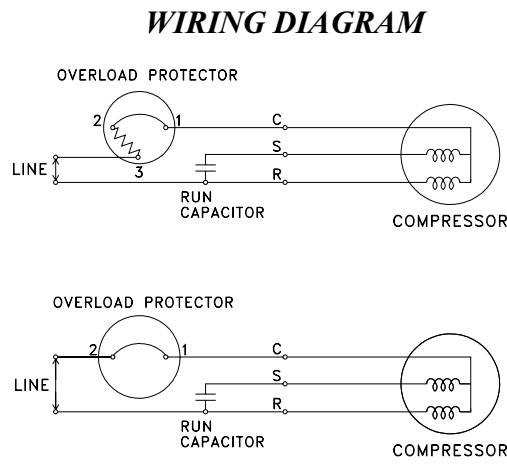
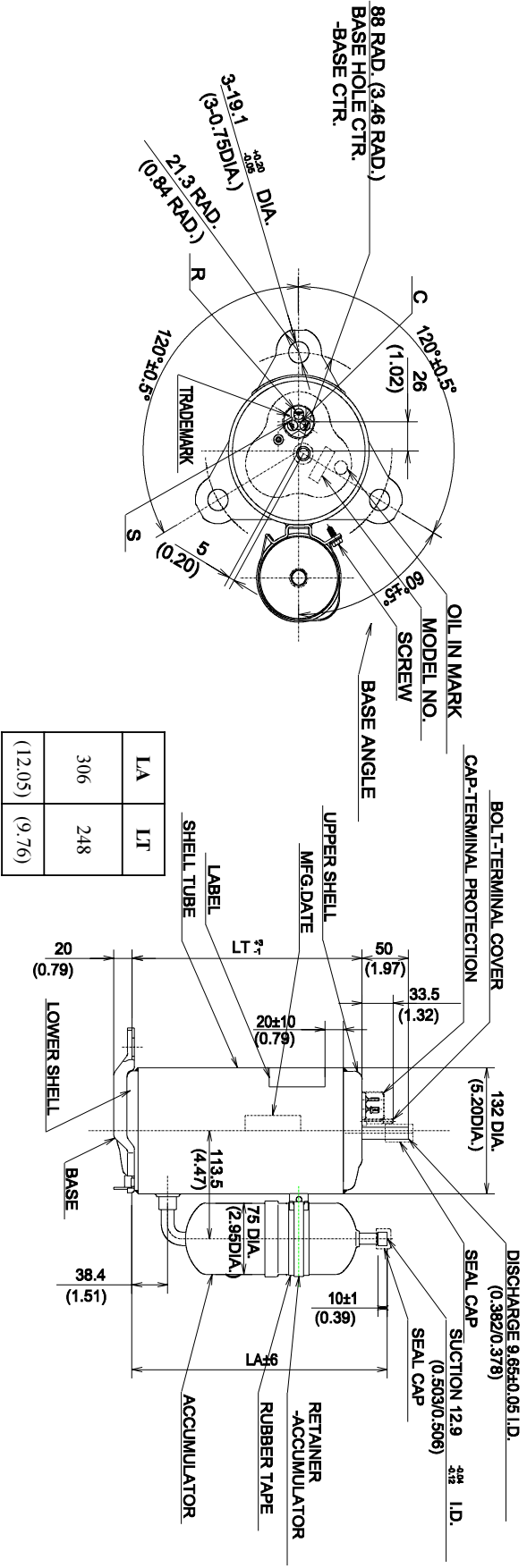
UL file no.: SA4615

²Contact Panasonic for value.

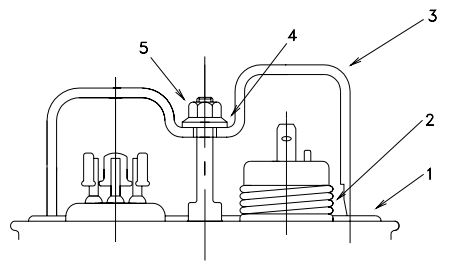
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265/277 V, 60 Hz R-22

BTU 18,000

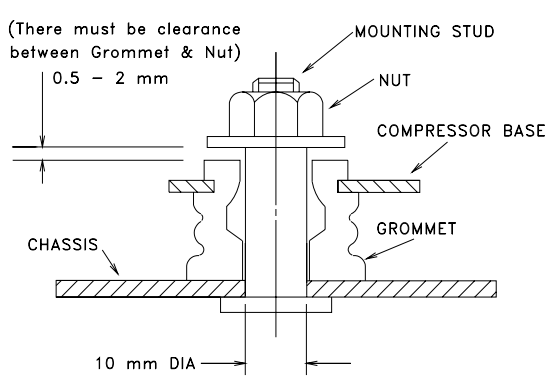


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070219U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2K25S3R276A-6A
265/277 V, 60 Hz R-22

2K25S3R276A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	33.5 oz.	950 g
	(C)	38.8 oz. 1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170531-B	

Rated Performance @265V¹

Capacity	18,055 Btu/hr
Motor Input	1,725 Watts
Current	6.6 Amperes
E.E.R.	10.47 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	25.2 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	13.9 fl. oz.	410 cc
Net Weight	35.3 lb	16.0 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	35 A at 277 V	
Winding Resistance	Main: 2.223Ω, Aux: 2.004Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

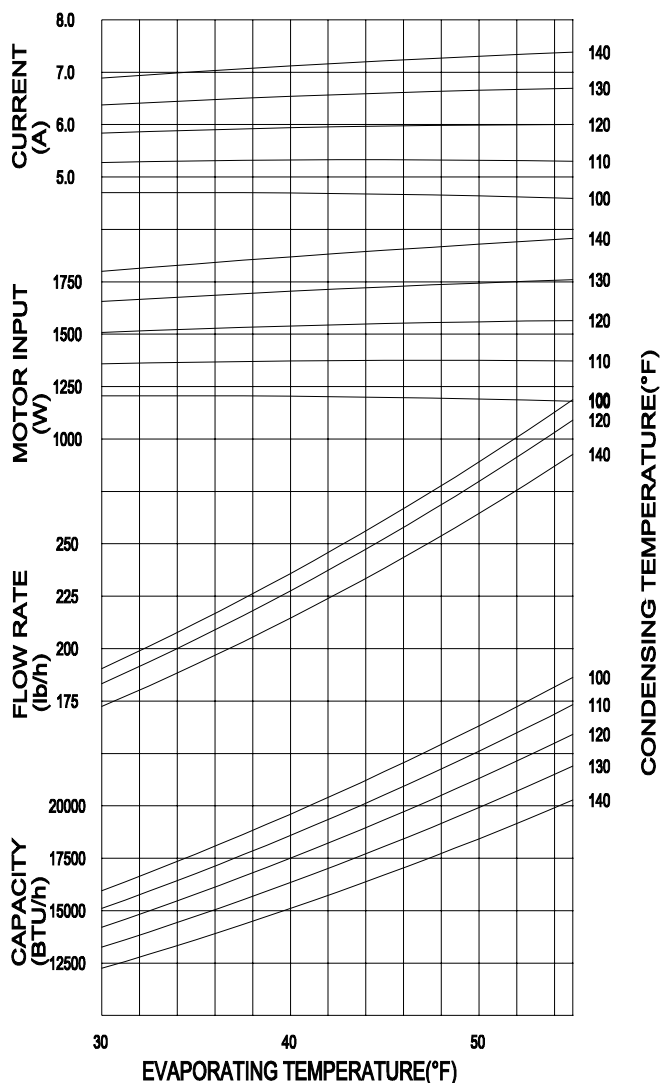
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100039
Texas Instrument part #	MRA98704
Run Capacitor	35 μF/400 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @265V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7° C	Btu/hr	17690	16765	15780	14735	13620
	Watts	1205	1365	1525	1680	1835
	Amperes	4.7	5.3	5.9	6.5	7.0

45° F 7.2° C	Btu/hr	21605	20500	19320	18055	16700
	Watts	1200	1375	1550	1725	1900
	Amperes	4.7	5.3	6.0	6.6	7.2

55° F 12.8° C	Btu/hr	26100	24795	23395	21885	20270
	Watts	1180	1370	1565	1760	1955
	Amperes	4.6	5.3	6.0	6.7	7.4

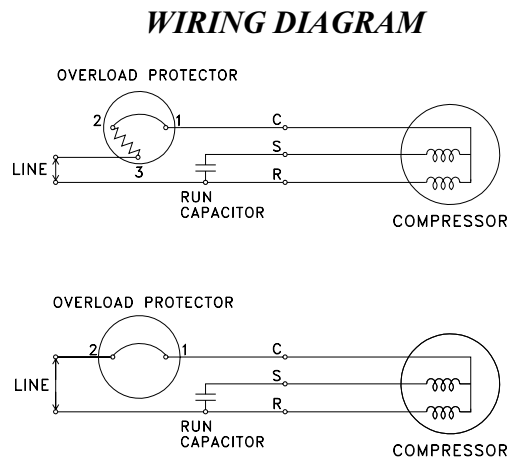
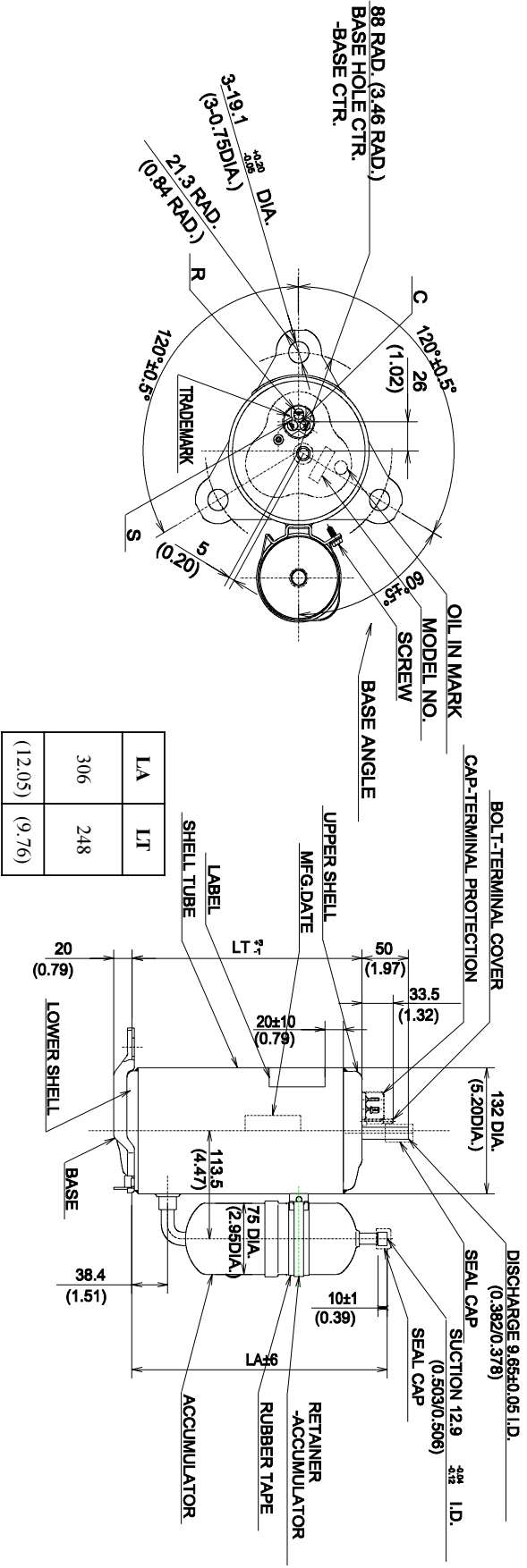
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²Contact Panasonic for value.

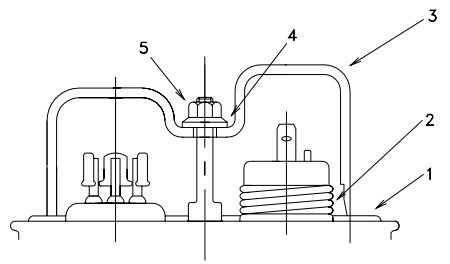
2K25S3R276A-6A

265/277 V, 60 Hz R-22

BTU 18,000

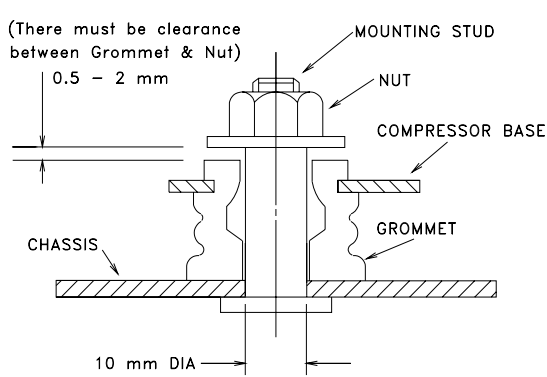


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070219U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company

Air Conditioning Department

2K28S3R236A-6A

208/230 V, 60 Hz R-22

2K28S3R236A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	35.3 oz. max.	1000 g
(C)	38.8 oz. max.	1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
(C)	14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170399-C	

Rated Performance @230V¹

Capacity	20,315 Btu/hr
Motor Input	1,900 Watts
Current	8.3 Amperes
E.E.R.	10.69 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	28.2 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	14.5 fl. oz.	430 cc
Net Weight	37.9 lb	17.2 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	49 A at 240 V	
Winding Resistance	Main: 1.494Ω, Aux: 1.782Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

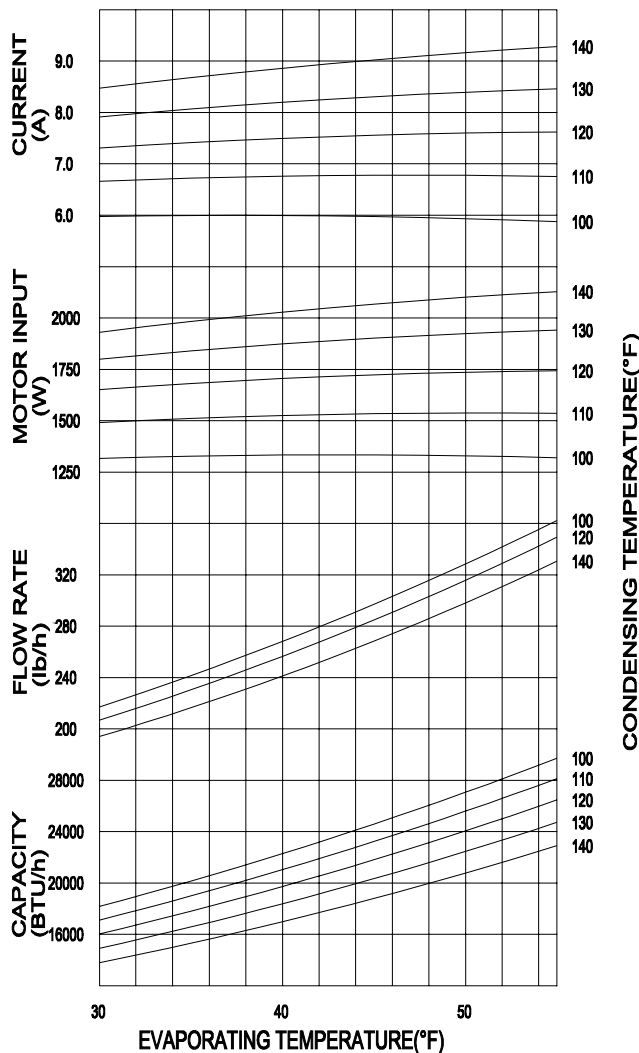
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	Internal
Run Capacitor	45 μF/370 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @230V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

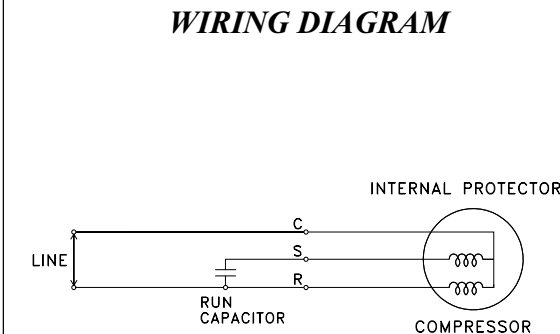
35° F 1.7°C	Btu/hr	20130	18970	17780	16555	15290
	Watts	1325	1510	1680	1840	1980
	Amperes	6.0	6.7	7.4	8.1	8.7
45° F 7.2°C	Btu/hr	24565	23205	21790	20315	18780
	Watts	1330	1530	1720	1900	2065
	Amperes	6.0	6.8	7.6	8.3	9.0
55° F 12.8°C	Btu/hr	29685	28100	26445	24705	22880
	Watts	1320	1535	1740	1940	2125
	Amperes	5.9	6.8	7.6	8.5	9.3

UL file no.: SA4615; CSA file no.: LR46130, LR51349, LR66348, LR76919, LR95789, LR109092

²Contact Panasonic for value.

BTU 20,000

208/230 V, 60 Hz R-22



A technical drawing of a mechanical assembly, likely a valve or pump component. The drawing shows a cross-section of the assembly. Part 1 is the base plate. Part 2 is a large, curved, U-shaped component that surrounds the central assembly. Part 3 is a central vertical rod or stem that passes through the center of the assembly. Part 4 is a small, cylindrical component located at the top of the central rod, just below the U-shaped component. The drawing is a black and white line drawing with numbered labels 1, 2, 3, and 4 pointing to the respective parts.

1	Gasket-Terminal Cover	7070620U
2	Terminal Cover	7070219U
3	Gasket-Nut	7070621U
4	Nut-Terminal Cover	7080300
	Grommet	7070815

(There must be clearance between Grommet & Nut)

0.5 - 2 mm

MOUNTING STUD

NUT

COMPRESSOR BASE

GROMMET

CHASSIS

10 mm DIA

تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)
روبروی پالایشگاه نفت پارس، پلاک ۱۲

Panasonic Industrial Company

Air Conditioning Department

2P14S3R126B-1A

115 V, 60 Hz R-22

2P14S3R126B-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680 g
	(C) 28.2 oz.	800 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.64°F	-10°C to 12°C
Specification Number	SC-52170671-B	

Rated Performance¹

Capacity	9,165 Btu/hr
Motor Input	852 Watts
Current	7.5 Amperes
E.E.R.	10.76 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	13.2 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	9.1 fl. oz.	270cc
Net Weight	26.0 lb	11.8 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	49 A at 120 V	
Winding Resistance	Main: 0.777Ω, Aux: 2.252Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

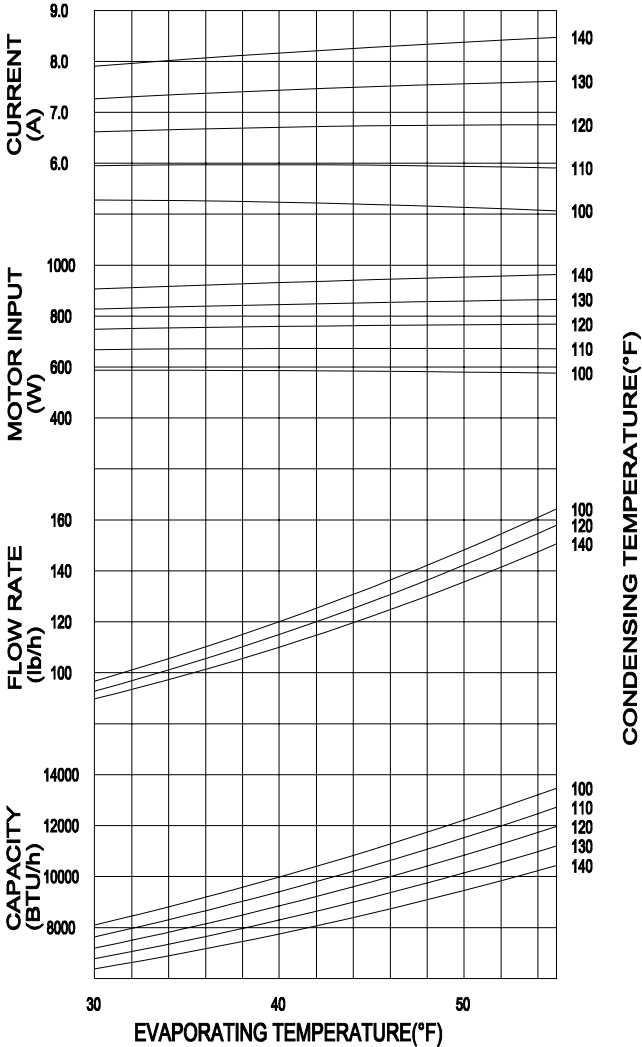
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100031
Texas Instrument part #	MRA 98694
Run Capacitor	40 μF/250 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

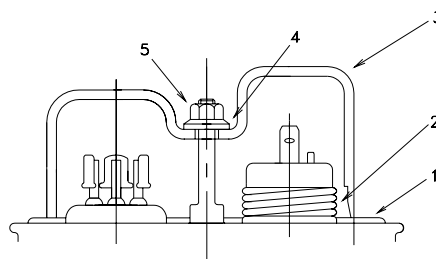
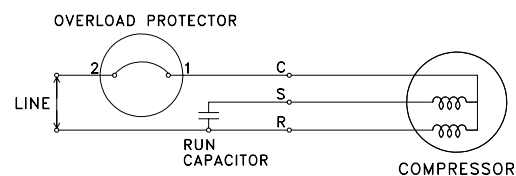
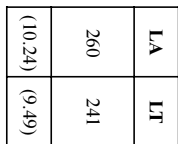
100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

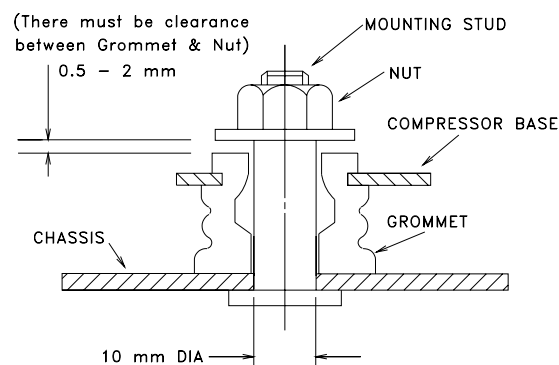
35° F 1.7°C	Btu/hr	9000	8475	7965	7475	7000
	Watts	585	670	755	835	920
	Amperes	5.2	5.9	6.6	7.3	8.0
45° F 7.2°C	Btu/hr	11065	10425	9795	9165	8545
	Watts	580	670	760	852	940
	Amperes	5.1	5.9	6.7	7.5	8.2
55° F 12.8°C	Btu/hr	13490	12735	11970	11205	10425
	Watts	575	670	765	865	960
	Amperes	5.0	5.9	6.7	7.6	8.4

BTU 9,000

BTU 9,000



Accessories	Part Number
Gasket-Terminal Cover	7070620U
Spring-OLP hold down	7041200
Terminal Cover	7070219U
Gasket-Nut	7070621U
Nut-Terminal Cover	7080300
Grommet	7070815



*This document sets forth certain operational parameters and conditions for operation of this product. If this product is operated outside of the parameters and conditions stated herein, buyer assumes sole and full responsibility and shall indemnify seller with respect to all product failures, and all consequences thereof. Operation of the product outside of the parameters and conditions specified herein shall serve to invalidate all seller warranties, if any, with respect to the product. Use this document as reference only. For specifications, please contact **Panasonic's** engineering department.*

Panasonic Industrial Company

Air Conditioning Department

2P14S3R236A-1A

208/230 V, 60 Hz R-22

2P14S3R236A-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680 g
	(C) 28.2 oz.	800 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170447-B	

Rated Performance @230V¹

Capacity	9,165 Btu/hr
Motor Input	844 Watts
Current	3.8 Amperes
E.E.R.	10.86 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	13.2 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	9.1 fl. oz.	270 cc
Net Weight	26.7 lb	12.1 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	26 A at 240 V	
Winding Resistance	Main: 2.764Ω, Aux: 1.681Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

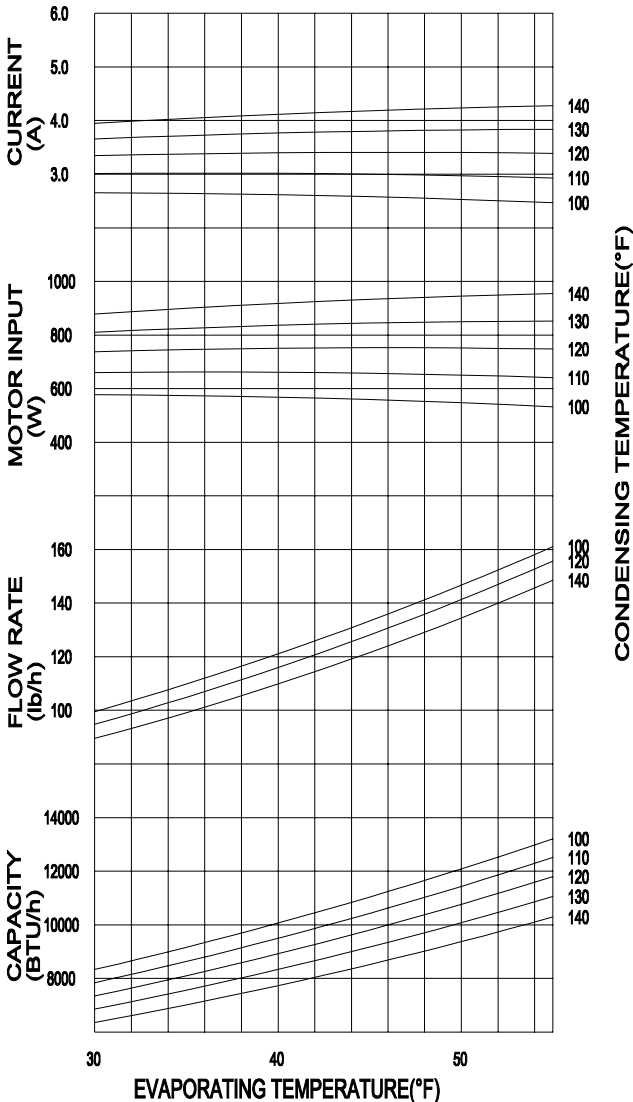
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100553
Texas Instrument part #	MRA 99027
Run Capacitor	30 μF/300 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @230V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	9170	8630	8090	7550	7010
	Watts	590	675	750	825	900
	Amperes	2.8	3.1	3.4	3.7	4.0
45° F 7.2°C	Btu/hr	11100	10460	9820	9170	8510
	Watts	580	670	760	845	925
	Amperes	2.7	3.1	3.4	3.8	4.2
55° F 12.8°C	Btu/hr	13350	12610	11860	11090	10310
	Watts	560	660	755	850	945
	Amperes	2.6	3.0	3.4	3.8	4.2

BTU 9,000

R-22

LA	LT
260	241
(10.24)	(9.49)

*This document sets forth certain operational parameters and conditions for operation of this product. If this product is operated outside of the parameters and conditions stated herein, buyer assumes sole and full responsibility and shall indemnify seller with respect to all product failures, and all consequences thereof. Operation of the product outside of the parameters and conditions specified herein shall serve to invalidate all seller warranties, if any, with respect to the product. Use this document as reference only. For specifications, please contact **Panasonic's** engineering department.*

Panasonic Industrial Company
Air Conditioning Department

2P14S3R276A-1A
265/277 V, 60 Hz R-22

2P14S3R276A-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680 g
	(C) 28.2 oz.	800 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170587-C	

Rated Performance @265V¹

Capacity	9,165 Btu/hr
Motor Input	845 Watts
Current	3.4 Amperes
E.E.R.	10.85 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	13.2 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	9.1 fl. oz.	270 cc
Net Weight	26.5 lb	12.0 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	23 A at 277 V	
Winding Resistance	Main: 3.914Ω, Aux: 2.503Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

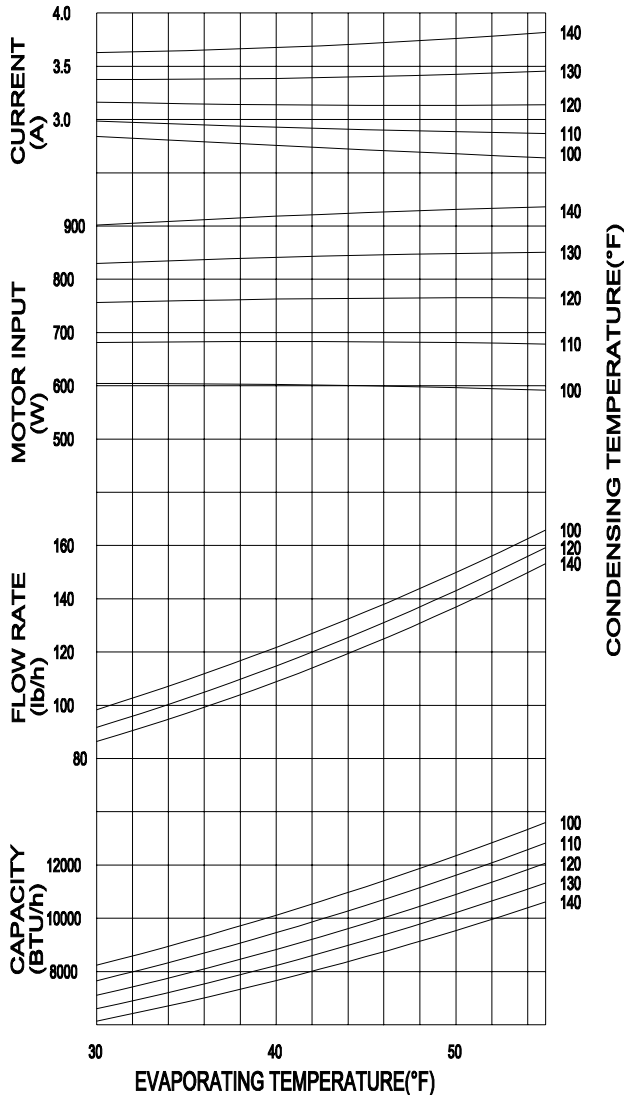
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100504, 7100523, 7100682	
Texas Instrument part #	MRA98852, MRA98967, MRA99209	
Run Capacitor	25 μF/370 VAC	

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @265V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP

35° F	Btu/hr	9125	8505	7915	7365	6850
	Watts	605	680	760	835	910
	Amperes	2.8	2.9	3.1	3.4	3.6
45° F	Btu/hr	11180	10480	9810	9165	8550
	Watts	600	680	765	845	925
	Amperes	2.7	2.9	3.1	3.4	3.7
55° F	Btu/hr	13590	12815	12060	11325	10610
	Watts	590	680	765	850	935
	Amperes	2.6	2.9	3.4	3.4	3.8

Panasonic Industrial Company
Air Conditioning Department

2P14S3R276A-1A
265/277 V, 60 Hz R-22

2P14S3R276A-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680 g
	(C) 28.2 oz.	800 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170587-C	

Rated Performance @265V¹

Capacity	9,165 Btu/hr
Motor Input	845 Watts
Current	3.4 Amperes
E.E.R.	10.85 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	13.2 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	9.1 fl. oz.	270 cc
Net Weight	26.5 lb	12.0 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	23 A at 277 V	
Winding Resistance	Main: 3.914Ω, Aux: 2.503Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

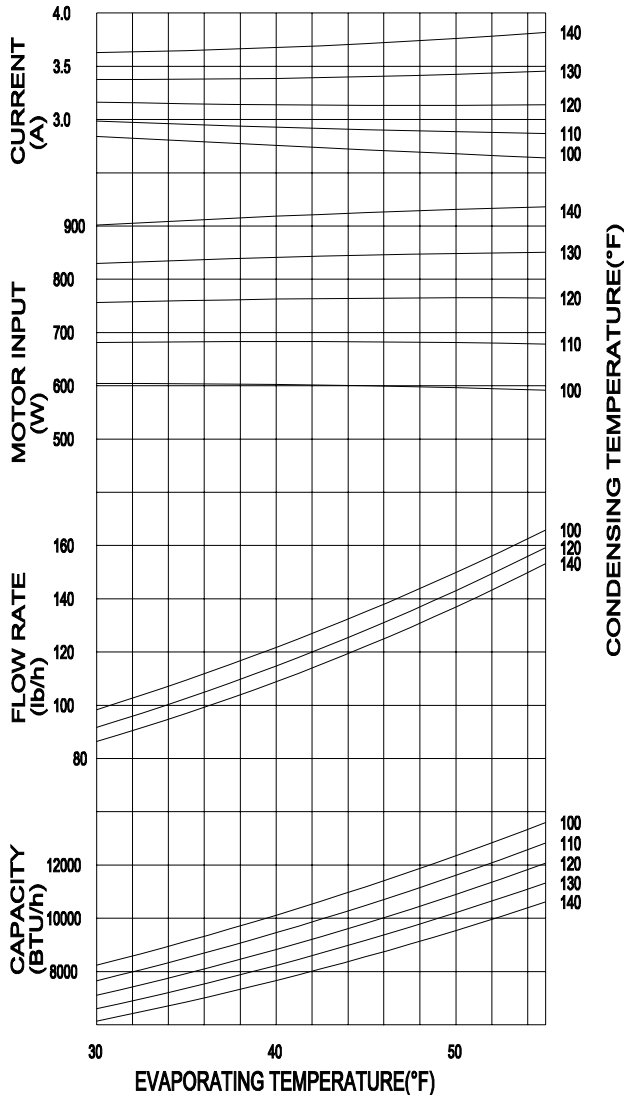
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100504, 7100523, 7100682	
Texas Instrument part #	MRA98852, MRA98967, MRA99209	
Run Capacitor	25 μF/370 VAC	

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @265V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP

35° F	Btu/hr	9125	8505	7915	7365	6850
	Watts	605	680	760	835	910
	Amperes	2.8	2.9	3.1	3.4	3.6
45° F	Btu/hr	11180	10480	9810	9165	8550
	Watts	600	680	765	845	925
	Amperes	2.7	2.9	3.1	3.4	3.7
55° F	Btu/hr	13590	12815	12060	11325	10610
	Watts	590	680	765	850	935
	Amperes	2.6	2.9	3.4	3.4	3.8

Panasonic Industrial Company
Air Conditioning Department

2P15S126B-1K
115 V, 60 Hz R-22

2P15S126B-1K

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680g
(C)	28.2 oz.	800 g
Evap. Temp. Range(C/H)	5°F to 53.6°F	-15°C to 12°C
(C)	14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52171698-A	

Rated Performance¹

Capacity	10,120 Btu/hr
Motor Input	950 Watts
Current	8.30 Amperes
E.E.R.	10.65 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	14.70 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	9.1 fl. oz.	270 cc
Net Weight	25.4 lb	11.5 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	53 A at 120 V	
Winding Resistance	Main: 0.698Ω, Aux: 2.261Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

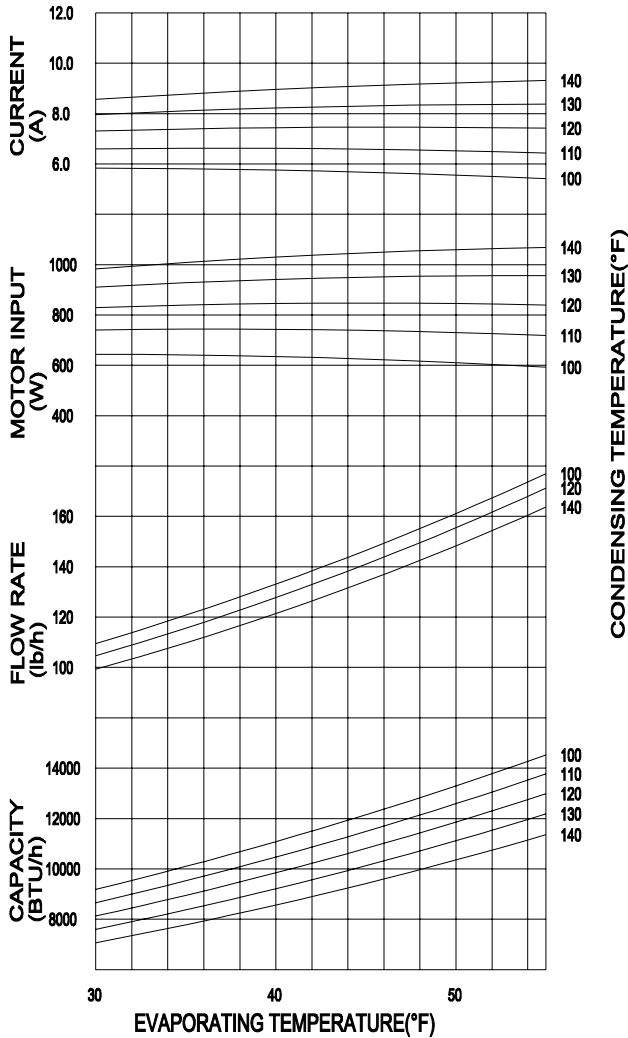
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100032
Texas Instrument part #	MRA98695
Run Capacitor	40 μF/250 VAC

¹Rated @ ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

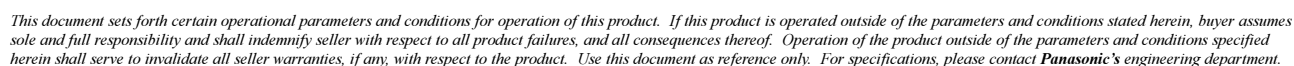
35° F 1.7°C	Btu/hr	10090	9500	8945	8365	7780
	Watts	640	745	840	925	1010
	Amperes	5.8	6.6	7.4	8.1	8.8
45° F 7.2°C	Btu/hr	12145	11550	10810	10120	9415
	Watts	625	740	845	950	1045
	Amperes	5.7	6.6	7.5	8.3	9.1
55° F 12.8°C	Btu/hr	14520	13765	12985	12180	11350
	Watts	590	715	840	955	1070
	Amperes	5.4	6.4	7.4	8.4	9.3

BTU 10,000

UL file no.: SA4615; CSA file no.: LR46130, LR51349, LR66348, LR76919, LR95789, LR109092

²Contact Panasonic for value.

BTU 10,000



Panasonic Industrial Company

Air Conditioning Department

2P16S3R126B-1A

115 V, 60 Hz R-22

2P16S3R126B-1A

Application	Cooling only	
Ref. Charge Limit	28.2 oz.	800 g
Evaporating Temp. Range	14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170673-A	

Rated Performance¹

Capacity	10,735 Btu/hr
Motor Input	1000 Watts
Current	8.8 Amperes
E.E.R.	10.74 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	15.6 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	9.1 fl. oz.	270 cc
Net Weight	26.0 lb	11.8 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	54 A at 120 V	
Winding Resistance	Main: 0.666Ω, Aux: 2.163Ω	
Max. Cuntinuous Current ²		

Maximum Operating Conditions

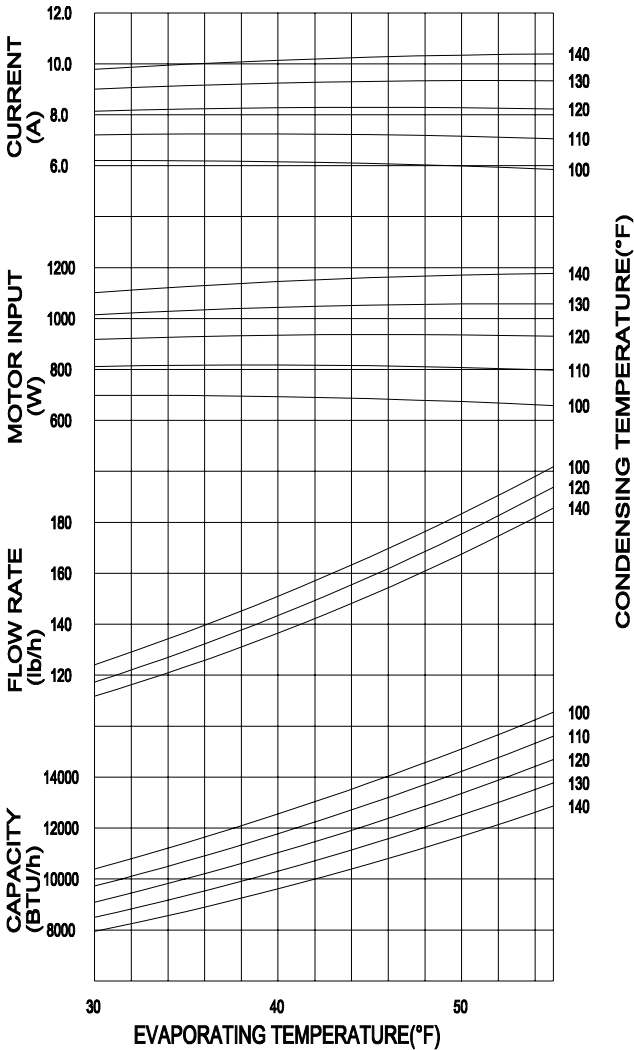
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100032
Texas Instrument part #	MRA 98695
Run Capacitor	45 μF/250 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:		
Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

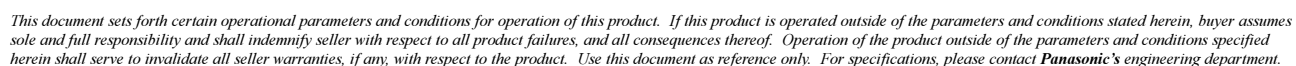
35° F 1.7°C	Btu/hr	10755	10115	9485	8875	8275
	Watts	705	800	890	980	1065
	Amperes	6.1	7.0	7.8	8.6	9.3
45° F 7.2°C	Btu/hr	13000	12250	11500	10735	10005
	Watts	700	800	900	1000	1100
	Amperes	6.0	7.0	7.9	8.8	9.6
55° F 12.8°C	Btu/hr	15625	14760	13880	12990	12095
	Watts	685	795	905	1015	1125
	Amperes	5.8	6.9	7.9	8.9	9.9

BTU 11,000

UL file no.: SA4615; CSA file no.: LR46130, LR51349, LR66348, LR76919, LR95789, LR109092

²Contact Panasonic for value.

BTU 11,000



Panasonic Industrial Company
Air Conditioning Department

2P17S3R126B-1A
115 V, 60 Hz R-22

2P17S3R126B-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	38.8 oz.	1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170674-B	

Rated Performance¹

Capacity	11,350 Btu/hr
Motor Input	1,052 Watts
Current	9.3 Amperes
E.E.R.	10.79 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	16.4 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	11.8 fl. oz.	350 cc
Net Weight	27.6 lb	12.5 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	58 A at 120 V	
Winding Resistance	Main: 0.657Ω, Aux: 2.176Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

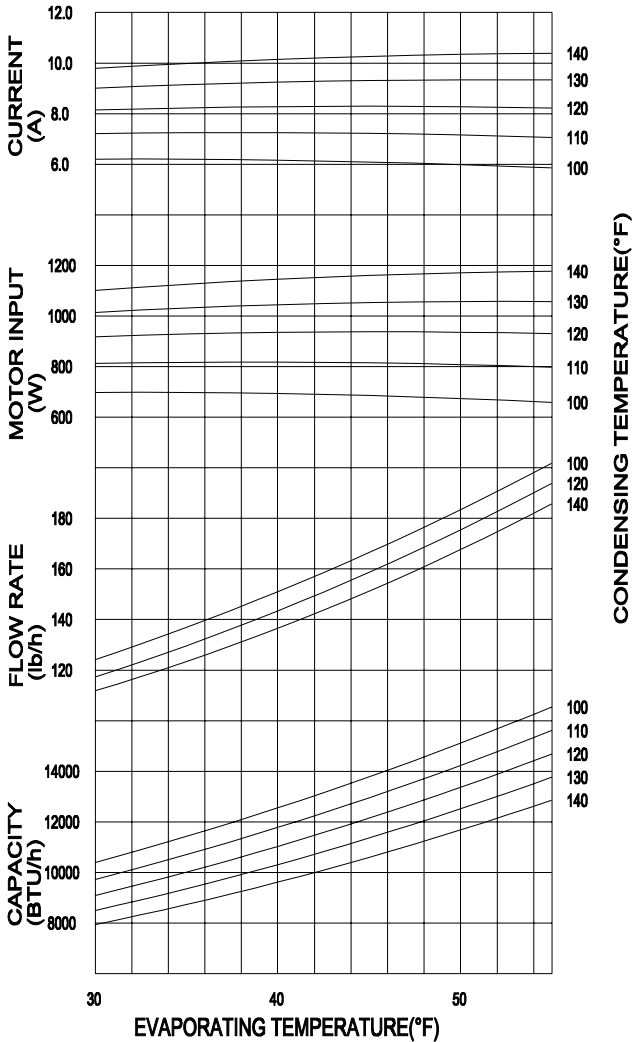
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100032
Texas Instrument part #	MRA 98695
Run Capacitor	45 μF/250 VAC

¹Rated @ ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

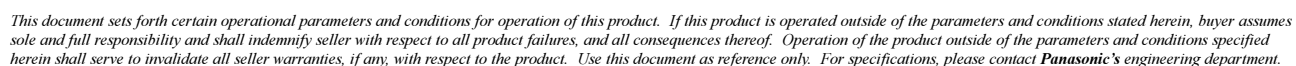
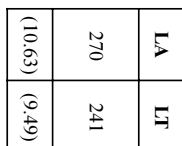
100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	11445	10705	10000	9330	8695
	Watts	695	815	930	1030	1125
	Amperes	6.2	7.2	8.2	9.1	10.0
45° F 7.2°C	Btu/hr	13820	12975	12150	11350	10575
	Watts	685	815	935	1052	1160
	Amperes	6.1	7.2	8.3	9.3	10.2
55° F 12.8°C	Btu/hr	16610	15655	14715	13780	12860
	Watts	655	795	930	1055	1180
	Amperes	5.8	7.1	8.2	9.2	10.4

BTU 11,000

BTU 11,000



Panasonic Industrial Company

Air Conditioning Department

2P17S3R276A-1A

265/277 V, 60 Hz R-22

2P17S3R276A-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	38.8 oz.	1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170588-C	

Rated Performance @265V¹

Capacity	11,350 Btu/hr
Motor Input	1,040 Watts
Current	4.1 Amperes
E.E.R.	10.91 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	16.4 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	11.8 fl. oz.	350 cc
Net Weight	27.6 lb	12.5 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	24 A at 277 V
Winding Resistance	Main: 3.507Ω, Aux: 2.815Ω
Max. Continuous Current ²	

Maximum Operating Conditions

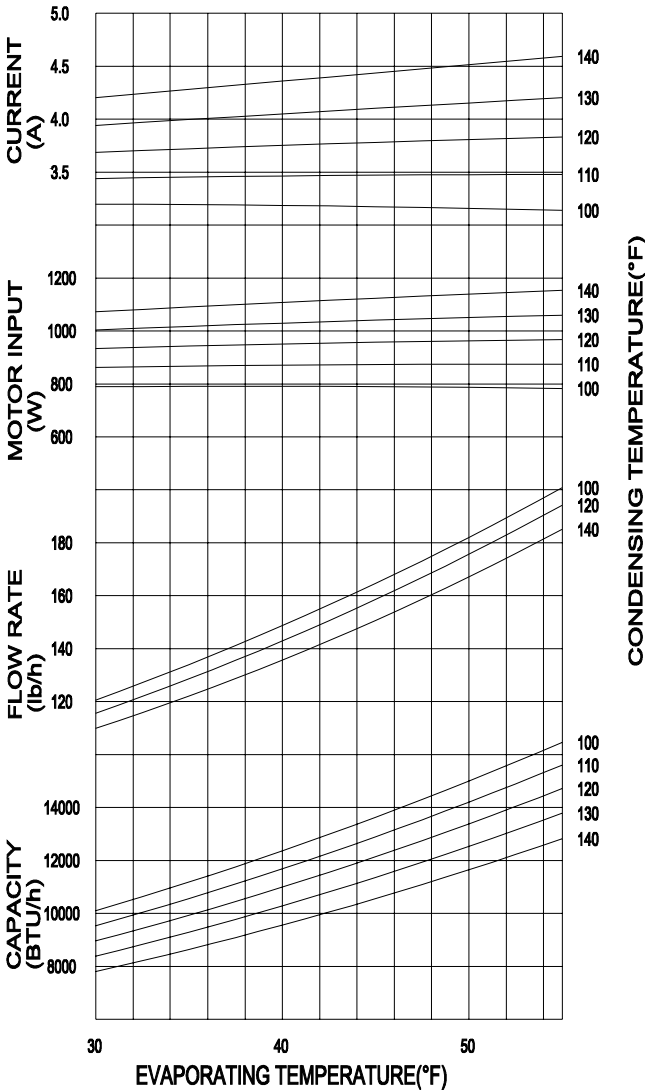
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100528
Texas Instrument part #	MRA 98963
Run Capacitor	25 μF/400 VAC

¹Rated @ ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @265V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	11175	10555	9925	9280	8630
	Watts	790	865	940	1015	1090
45° F 7.2°C	Amperes	3.2	3.5	3.7	4.0	4.3
	Btu/hr	13620	12885	12130	11350	10545
55° F 12.8°C	Watts	790	875	955	1040	1125
	Amperes	3.2	3.5	3.8	4.1	4.4
	Btu/hr	16450	15545	14705	13775	12810
	Watts	780	875	965	1060	1150
	Amperes	3.1	3.5	3.8	4.2	4.6

BTU 11,000

Panasonic Industrial Company

Air Conditioning Department

2P17S3R276A-1A

265/277 V, 60 Hz R-22

2P17S3R276A-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	38.8 oz.	1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170588-C	

Rated Performance @265V¹

Capacity	11,350 Btu/hr
Motor Input	1,040 Watts
Current	4.1 Amperes
E.E.R.	10.91 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	16.4 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	11.8 fl. oz.	350 cc
Net Weight	27.6 lb	12.5 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	24 A at 277 V	
Winding Resistance	Main: 3.507Ω, Aux: 2.815Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

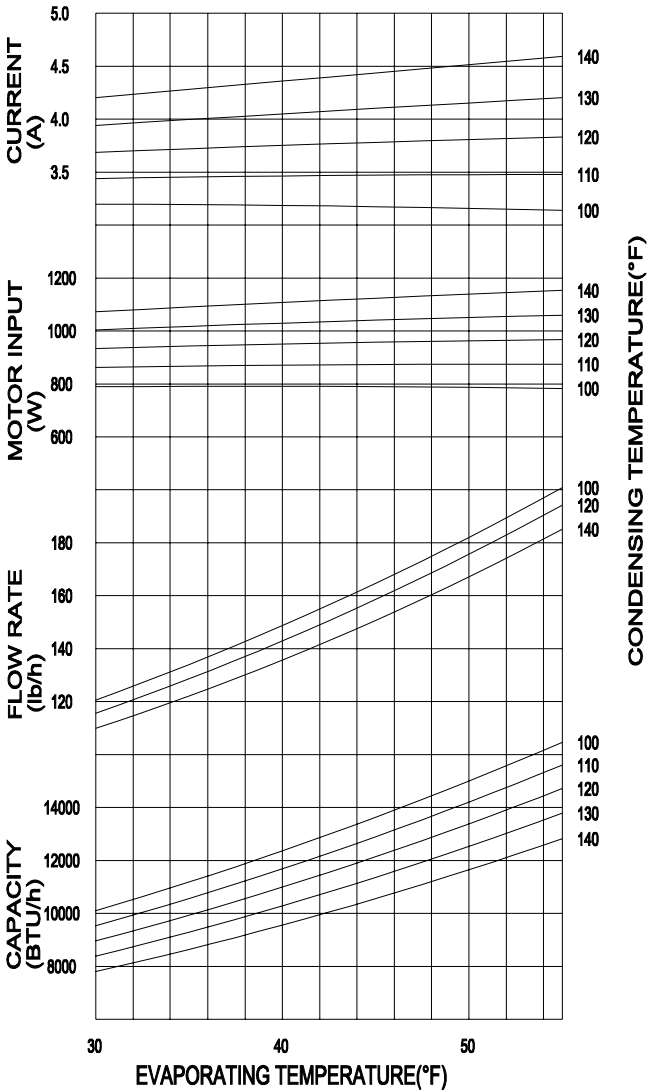
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100528	
Texas Instrument part #	MRA 98963	
Run Capacitor	25 μF/400 VAC	

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @265V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	11175	10555	9925	9280	8630
	Watts	790	865	940	1015	1090
	Amperes	3.2	3.5	3.7	4.0	4.3
45° F 7.2°C	Btu/hr	13620	12885	12130	11350	10545
	Watts	790	875	955	1040	1125
	Amperes	3.2	3.5	3.8	4.1	4.4
55° F 12.8°C	Btu/hr	16450	15545	14705	13775	12810
	Watts	780	875	965	1060	1150
	Amperes	3.1	3.5	3.8	4.2	4.6

BTU 11,000

Panasonic Industrial Company
Air Conditioning Department

2P19S3R236A-1A
208/230 V, 60 Hz R-22

2P19S3R236A-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	38.8 oz.	1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170461-B	

Rated Performance @230V¹

Capacity	12,660 Btu/hr
Motor Input	1,167 Watts
Current	5.2 Amperes
E.E.R.	10.85 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	18.1 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	11.8 fl. oz.	350 cc
Net Weight	28.0 lb	12.7 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	33 A at 240 V	
Winding Resistance	Main: 2.237Ω, Aux: 2.710Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

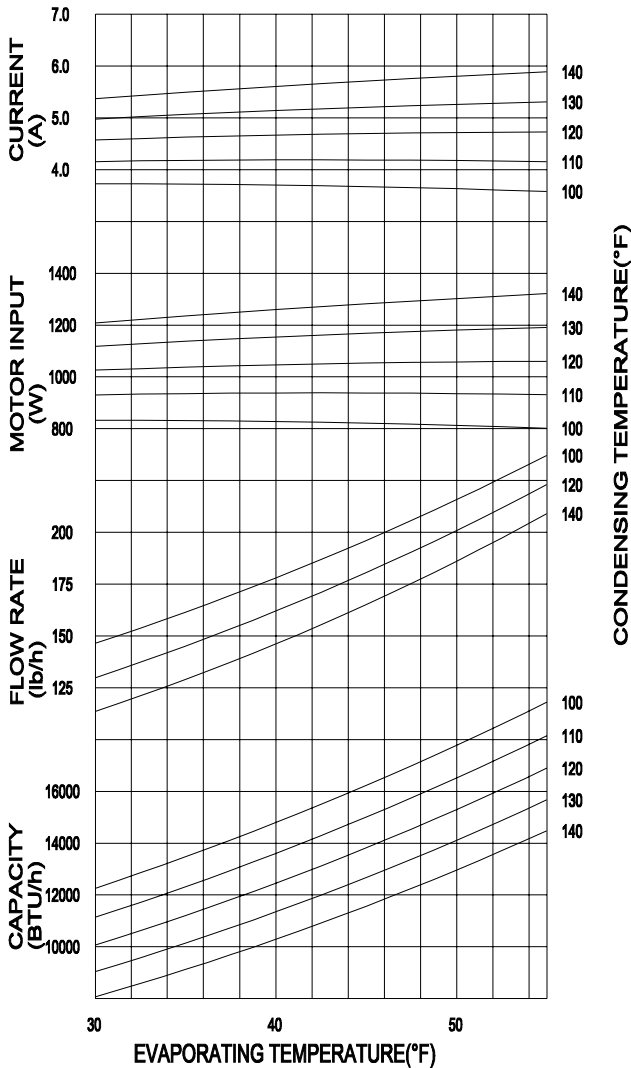
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100080 or 7100096	
Texas Instrument part #	MRA 98781 or MRA 98830	
Run Capacitor	30 μF/370 VAC	

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @230V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

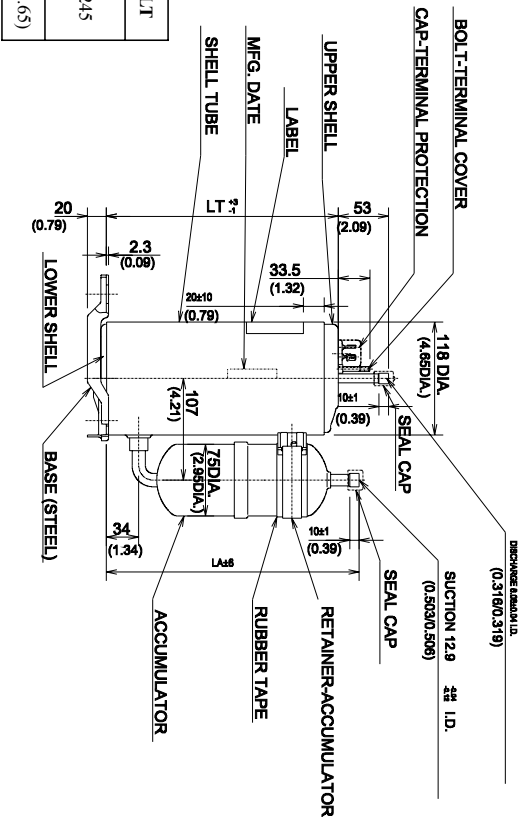
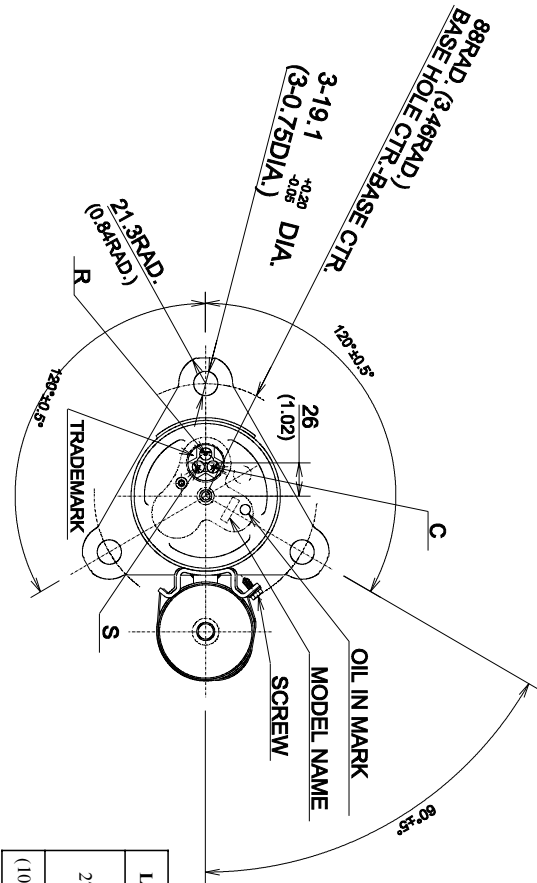
35° F 1.7°C	Btu/hr	13460	12305	11195	10125	9110
	Watts	830	935	1035	1135	1235
	Amperes	3.7	4.2	4.6	5.1	5.5
45° F 7.2°C	Btu/hr	16215	14990	13805	12660	11555
	Watts	820	935	1050	1165	1280
	Amperes	3.7	4.2	4.7	5.2	5.7
55° F 12.8°C	Btu/hr	19425	18140	16880	15660	14470
	Watts	800	930	1060	1190	1320
	Amperes	3.6	4.1	4.7	5.3	5.9

BTU 13,000

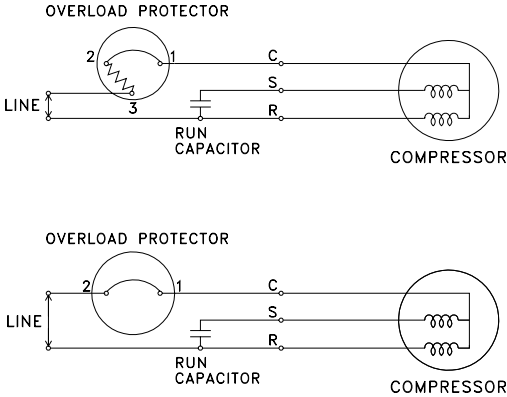
2P19S3R236A-1A

208/230 V, 60 Hz R-22

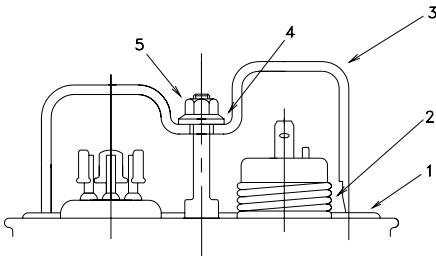
BTU 13,000



WIRING DIAGRAM

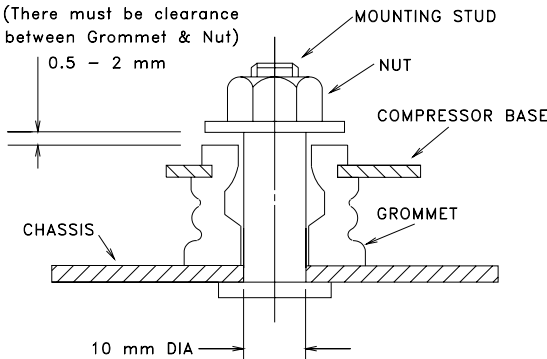


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070219U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2P19S3R236A-1A
208/230 V, 60 Hz R-22

2P19S3R236A-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	38.8 oz.	1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170461-B	

Rated Performance @230V¹

Capacity	12,660 Btu/hr
Motor Input	1,167 Watts
Current	5.2 Amperes
E.E.R.	10.85 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	18.1 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	11.8 fl. oz.	350 cc
Net Weight	28.0 lb	12.7 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	33 A at 240 V
Winding Resistance	Main: 2.237Ω, Aux: 2.710Ω
Max. Continuous Current ²	

Maximum Operating Conditions

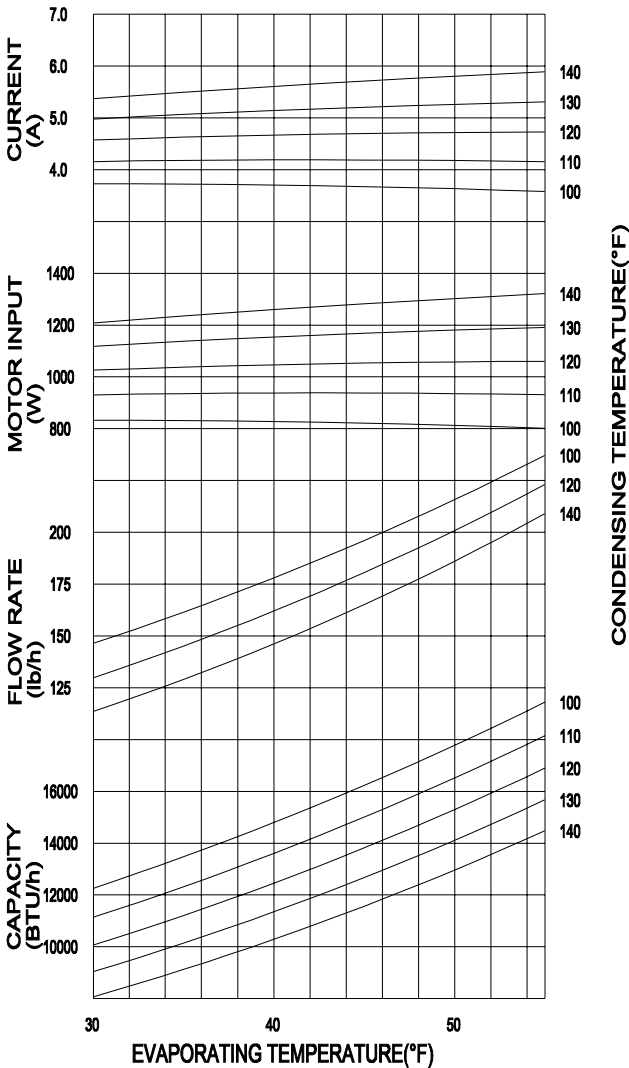
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100080 or 7100096
Texas Instrument part #	MRA 98781 or MRA 98830
Run Capacitor	30 μF/370 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @230V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	13460	12305	11195	10125	9110
	Watts	830	935	1035	1135	1235
45° F 7.2°C	Amperes	3.7	4.2	4.6	5.1	5.5
	Btu/hr	16215	14990	13805	12660	11555
55° F 12.8°C	Watts	820	935	1050	1165	1280
	Amperes	3.7	4.2	4.7	5.2	5.7
55° F 12.8°C	Btu/hr	19425	18140	16880	15660	14470
	Watts	800	930	1060	1190	1320
55° F 12.8°C	Amperes	3.6	4.1	4.7	5.3	5.9

BTU 13,000

R-22

LA	LT
272	245
(10.71)	(9.65)

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Panasonic Industrial Company

Air Conditioning Department

2P19S3R276A-1A

265/277 V, 60 Hz R-22

2P19S3R276A-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	33.5 oz.	950 g
	(C) 38.8 oz.	1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170589-A	

Rated Performance @265V¹

Capacity	12,640 Btu/hr
Motor Input	1,170 Watts
Current	4.6 Amperes
E.E.R.	10.80 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	18.1 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	11.8 fl. oz.	350 cc
Net Weight	28.0 lb	12.7 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	26 A at 277 V	
Winding Resistance	Main: 3.345Ω, Aux: 2.501Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

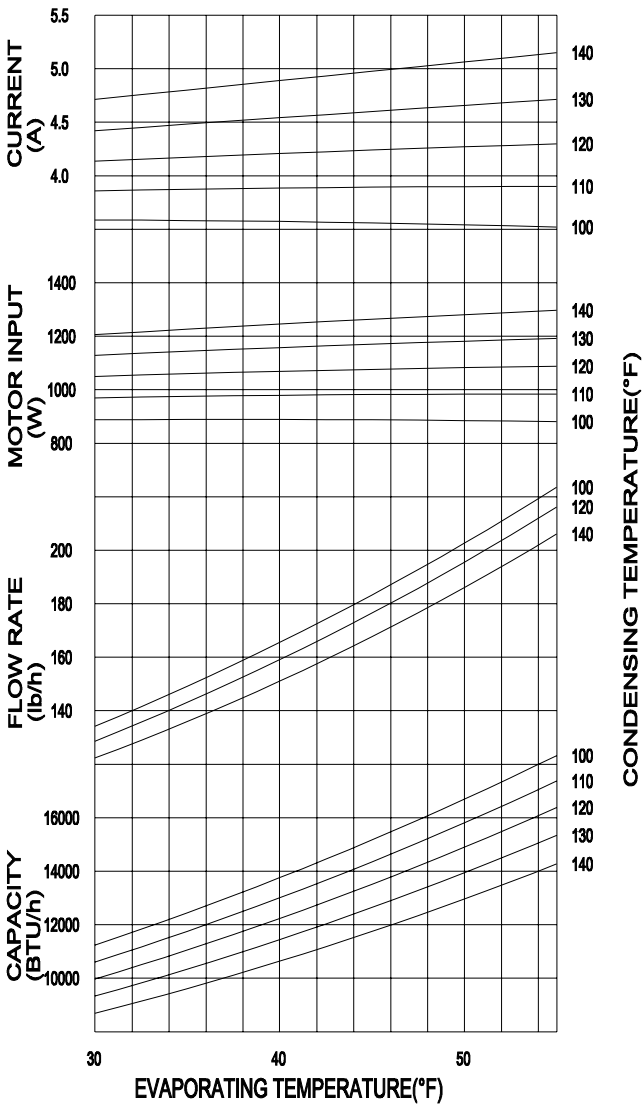
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100077
Texas Instrument part #	MRA98776
Run Capacitor	30 μF/400 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @265V

Based on:		
Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

		COND. TEMP				
		100°F	110°F	120°F	130°F	140°F
		37.8°C	43.3°C	48.9°C	54.4°C	60°C
EVAP. TEMP						
35° F 1.7°C	Btu/hr	12445	11750	11050	10335	9610
	Watts	890	975	1060	1145	1225
	Amperes	3.6	3.9	4.2	4.5	4.8
45° F 7.2°C	Btu/hr	15165	14350	13505	12640	11745
	Watts	885	980	1075	1170	1265
	Amperes	3.6	3.9	4.2	4.6	5.0
55° F 12.8°C	Btu/hr	18320	17365	16375	15345	14270
	Watts	880	985	1085	1190	1295
	Amperes	3.5	3.9	4.3	4.7	5.2

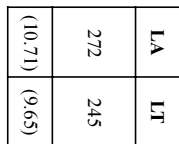
BTU 13,000

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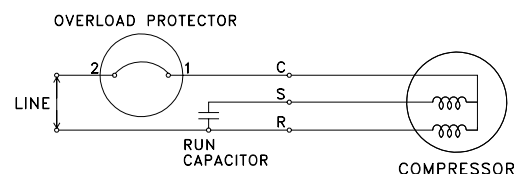
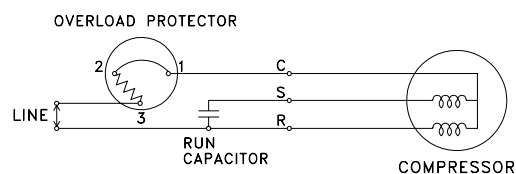
²Contact Panasonic for value.

R-22

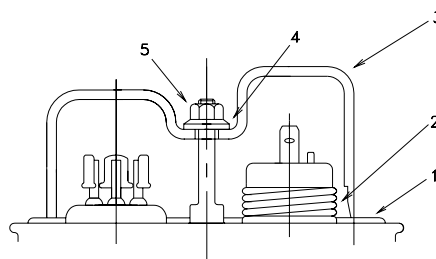
R-22



WIRING DIAGRAM



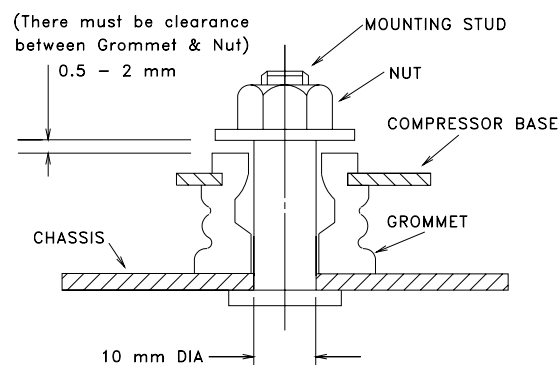
COMPRESSOR ACCESSORIES



Accessories	Part Number
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1	Gasket-Terminal Cover	7070620U
2	Spring-OLP hold down	7041200
3	Terminal Cover	7070219U
4	Gasket-Nut	7070621U
5	Nut-Terminal Cover	7080300
	Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company

Air Conditioning Department

2P19S3R276A-1A

265/277 V, 60 Hz R-22

2P19S3R276A-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	33.5 oz.	950 g
	(C) 38.8 oz.	1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170589-A	

Rated Performance @265V¹

Capacity	12,640 Btu/hr
Motor Input	1,170 Watts
Current	4.6 Amperes
E.E.R.	10.80 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	18.1 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	11.8 fl. oz.	350 cc
Net Weight	28.0 lb	12.7 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	26 A at 277 V	
Winding Resistance	Main: 3.345Ω, Aux: 2.501Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

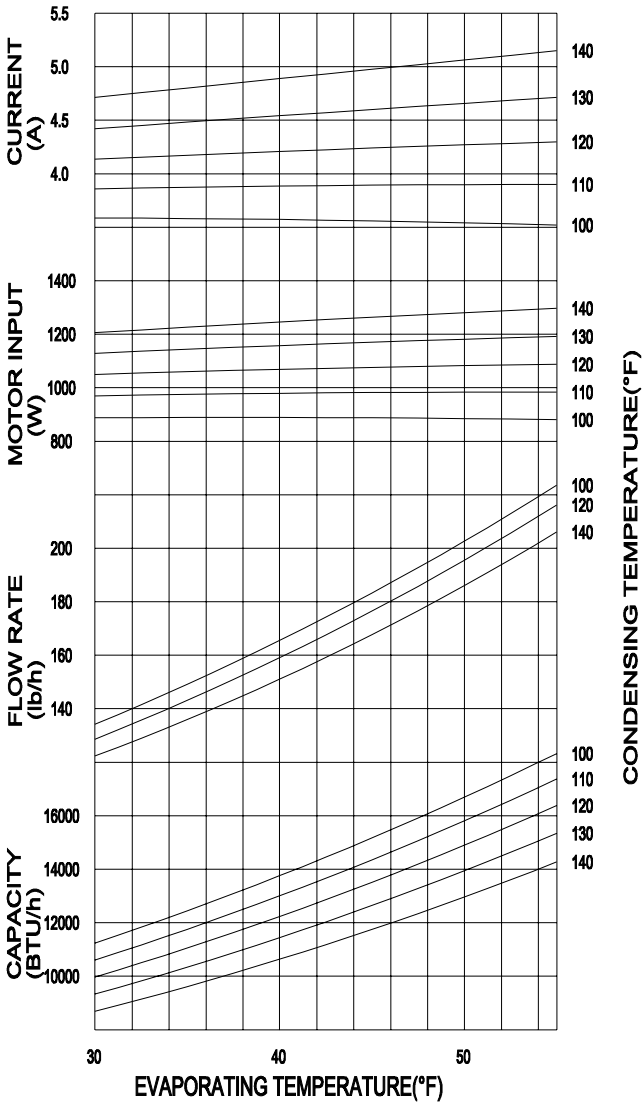
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100077
Texas Instrument part #	MRA98776
Run Capacitor	30 μF/400 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @265V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	12445	11750	11050	10335	9610
	Watts	890	975	1060	1145	1225
	Amperes	3.6	3.9	4.2	4.5	4.8

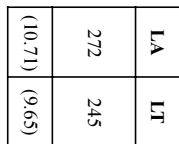
45° F 7.2°C	Btu/hr	15165	14350	13505	12640	11745
	Watts	885	980	1075	1170	1265
	Amperes	3.6	3.9	4.2	4.6	5.0

55° F 12.8°C	Btu/hr	18320	17365	16375	15345	14270
	Watts	880	985	1085	1190	1295
	Amperes	3.5	3.9	4.3	4.7	5.2

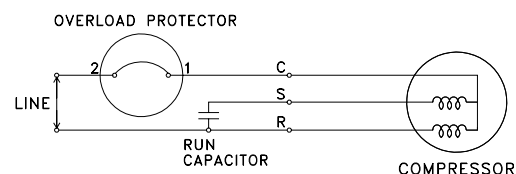
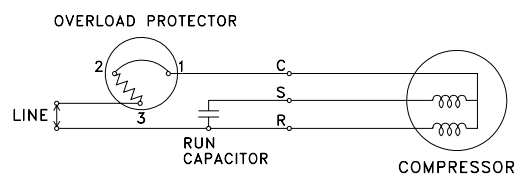
BTU 13,000

R-22

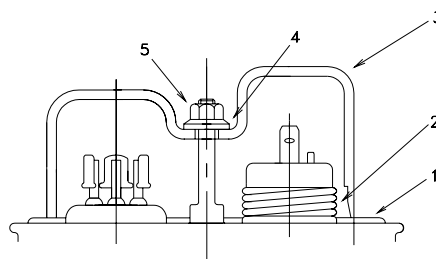
R-22



WIRING DIAGRAM



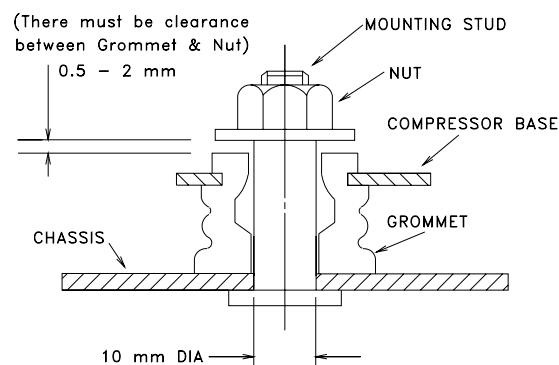
COMPRESSOR ACCESSORIES



Accessories	Part Number
-------------	-------------

1	Gasket-Terminal Cover	7070620U
2	Spring-OLP hold down	7041200
3	Terminal Cover	7070219U
4	Gasket-Nut	7070621U
5	Nut-Terminal Cover	7080300
	Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2P20S3R126B-1A
115 V, 60 Hz R-22

2P20S3R126B-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	38.8 oz.	1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170756-D	

Rated Performance¹

Capacity	13,315 Btu/hr
Motor Input	1,257 Watts
Current	11.2 Amperes
E.E.R.	10.59 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	19.1 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	11.8 fl. oz.	350 cc
Net Weight	27.3 lb	12.4 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	62 A at 120 V	
Winding Resistance	Main: 0.619Ω, Aux: 2.179Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

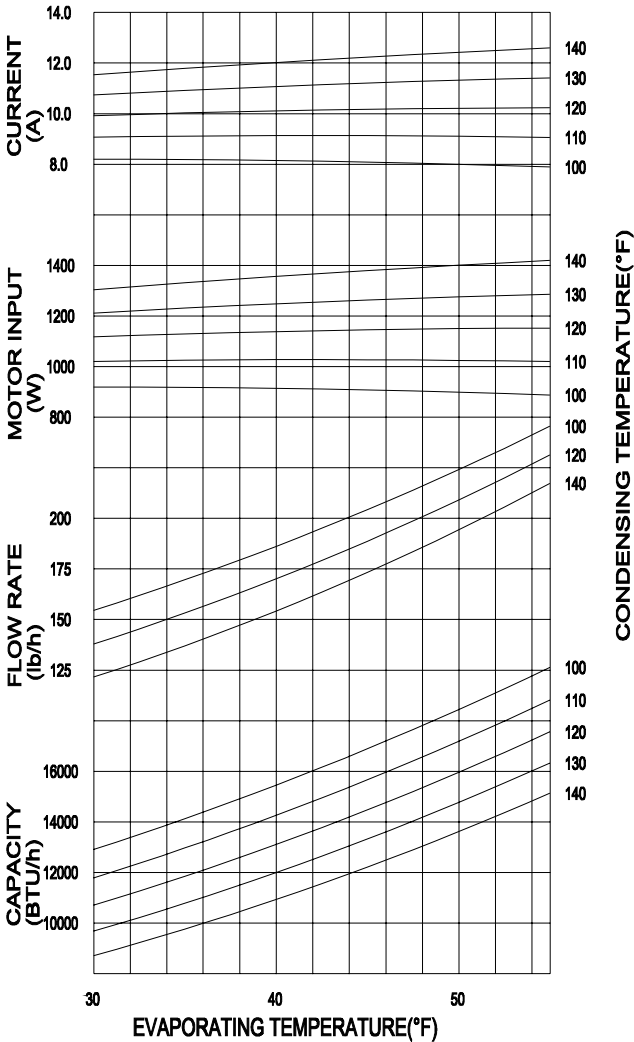
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100522
Texas Instrument part #	MRA 98896
Run Capacitor	45 µF/260 VAC

¹Rated @ ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:		
Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

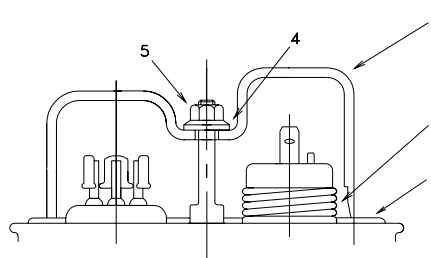
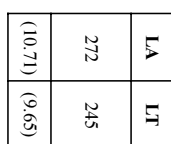
100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	13040	12325	11610	10900	10200
	Watts	860	985	1105	1225	1340
	Amperes	7.9	8.9	9.9	10.9	12.0
45° F 7.2°C	Btu/hr	15880	15030	14175	13315	12445
	Watts	860	995	1125	1255	1385
	Amperes	7.8	8.9	10.0	11.2	12.4
55° F 12.8°C	Btu/hr	19175	18195	17195	16170	15120
	Watts	850	995	1140	1285	1425
	Amperes	7.6	8.8	10.1	11.4	12.8

BTU 13,000

BTU 13,000



1	Gasket-Terminal Cover	7070620U
2	Spring-OLP hold down	7041200
3	Terminal Cover	7070219U
4	Gasket-Nut	7070621U
5	Nut-Terminal Cover	7080300
	Grommet	7070815

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Panasonic Industrial Company

Air Conditioning Department

2P20S3R236A-1A

208/230 V, 60 Hz R-22

2P20S3R236A-1A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	38.8 oz.	1100 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170462-C	

Rated Performance @230V¹

Capacity	13,330 Btu/hr
Motor Input	1,235 Watts
Current	5.4 Amperes
E.E.R.	10.79 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	19.1 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	11.80 fl. oz.	350 cc
Net Weight	28.0 lb	12.7 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	34 A at 240 V	
Winding Resistance	Main: 2.157Ω, Aux: 2.655Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

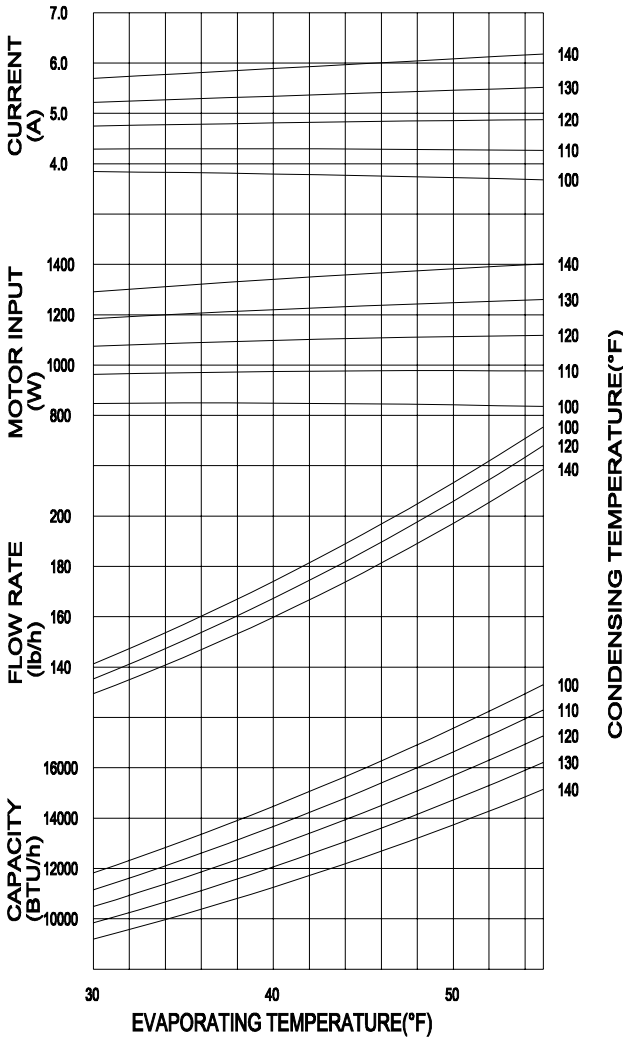
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100078
Texas Instrument part #	MRA 98768
Run Capacitor	30 μF/370 VAC

¹Rated @ ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @230V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

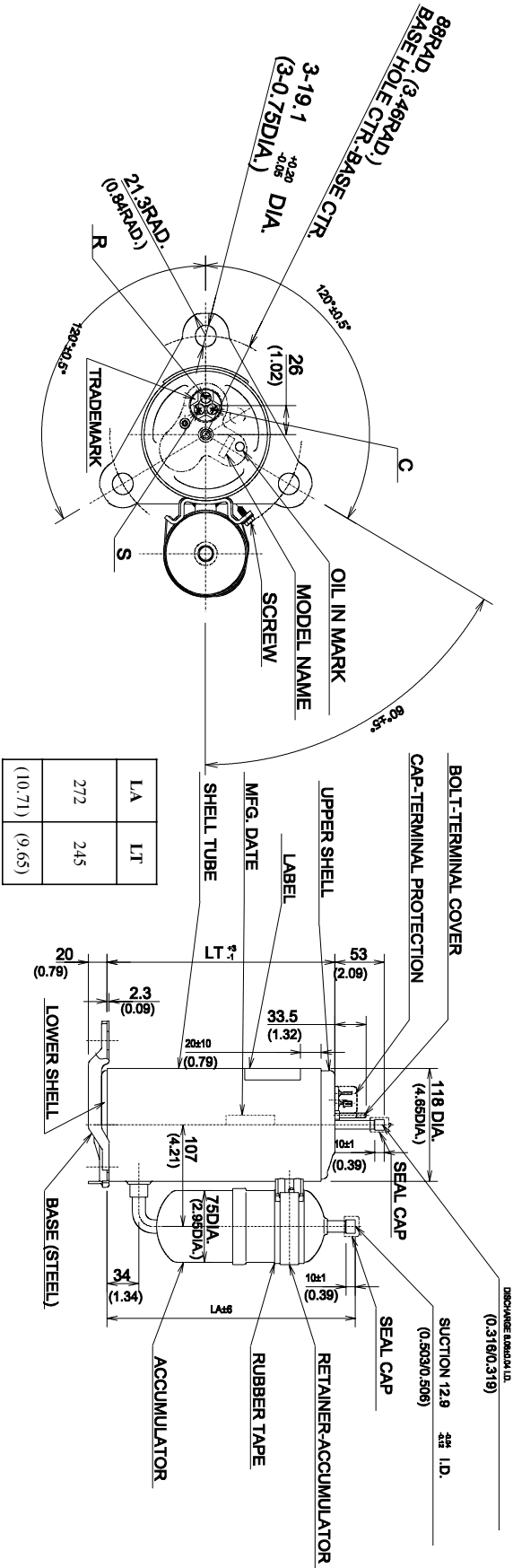
35° F 1.7°C	Btu/hr	13090	12350	11620	10890	10170
	Watts	850	970	1085	1205	1315
	Amperes	3.8	4.3	4.8	5.3	5.8
45° F 7.2°C	Btu/hr	15960	15090	14215	13330	12435
	Watts	845	975	1105	1235	1360
	Amperes	3.8	4.3	4.8	5.4	6.0
55° F 12.8°C	Btu/hr	19290	18290	17260	16210	15135
	Watts	835	975	1120	1260	1400
	Amperes	3.7	4.3	4.9	5.5	6.2

BTU 13,000

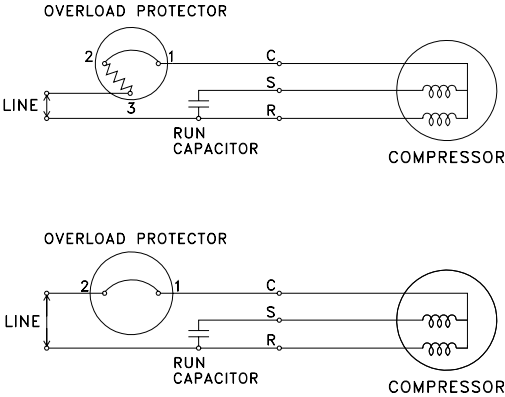
2P20S3R236A-1A

208/230 V, 60 Hz R-22

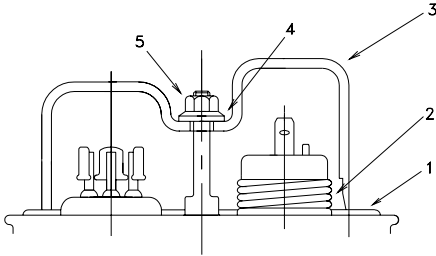
BTU 13,000



WIRING DIAGRAM

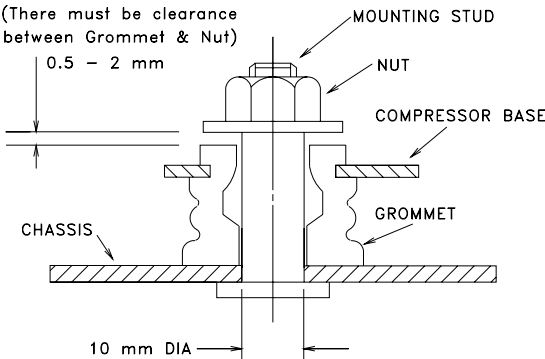


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070219U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company

Air Conditioning Department

5PS102FAD21

208/230V, 60Hz R-410a

5PS102FAD21

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680 g
(C)	28.2 oz.	800 g
Evaporating Temp Range (C/H)	5°F to 53.6 °F	-15°C to 12°C
(C)	14°F to 53.6 °F	-10°C to 12°C

Rated Performance at 230 V

Capacity	9,710 BTU/h
Motor Input	1040 Watts
Current	4.55 Amperes

Compressor Data

Pump Type	Rotary	
Displacement	10.2 cm ³ /rev.	
Oil	FV50S (PVE)	
	or equivalent	
Oil Charge (Precharged)	11.83 fl. Oz.	350 cm ³
Net Weight	26.2 lb.	11.9 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	26 A at 240 V
Winding Resistance ²	Main: _____Ω, Aux: _____Ω
Max. Continuous Current ²	_____

Maximum Operating Conditions

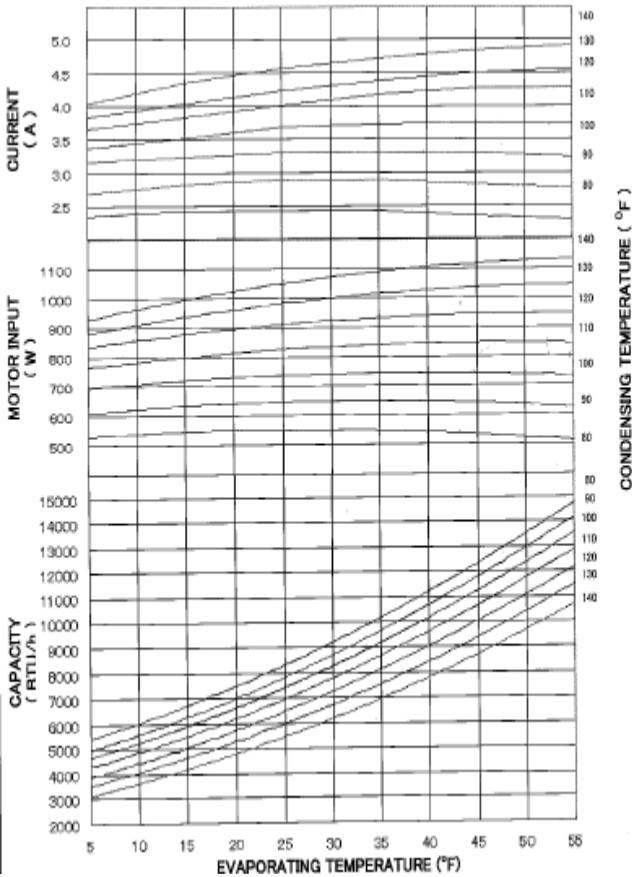
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100553
Texas Instrument part#	MRA 99027-9201
Run Capacitor	30 μF / 330 V

Rated at ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on Voltage 230 V, Frequency 60 Hz

Return Gas	65°F	18.3°C
Liquid Sub Cooling	15°F	-9.4°C
Ambient, Air Over 1m/s	95°F	35.0°C

		COND. TEMP.				
		100°F	110°F	120°F	130°F	140°F
		37.8°C	43.3°C	48.9°C	54.4°C	60°C
EVAP. TEMP.						
35°F 1.7°C	Btu/h	9177	8682	8131	7549	6964
	Watts	747	841	931	1015	1089
	Amperes	3.3	3.7	4.2	4.4	4.7
45°F 7.2°C	Btu/h	11215	10633	10025	9385	8710
	Watts	737	847	945	1035	1119
	Amperes	3.3	3.8	4.3	4.5	4.8
55°F 12.8°C	Btu/h	13576	12882	12149	11477	10691
	Watts	734	844	945	1045	1132
	Amperes	3.2	3.7	4.3	4.6	4.9

UL file no.: To Be Confirmed

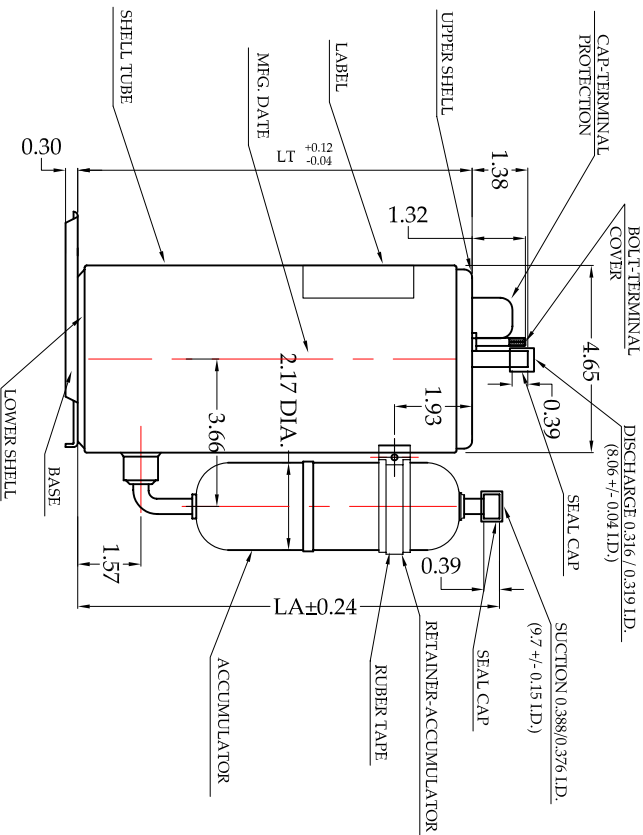
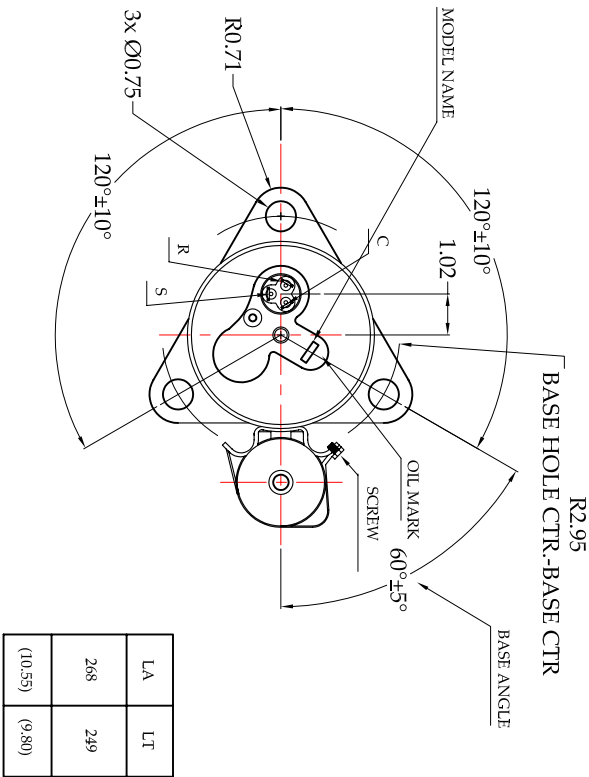
²Contact Panasonic for value

5PS102FAD21

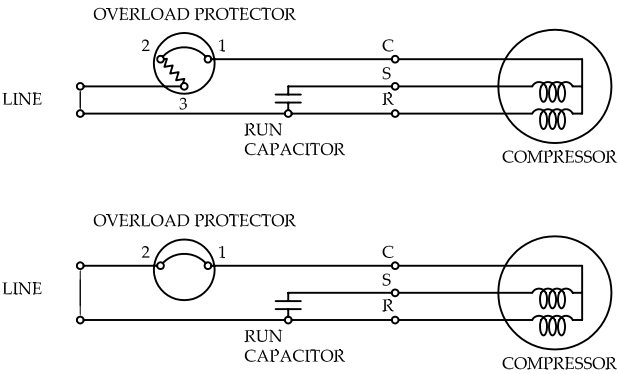
115 V , 60 Hz

R410A

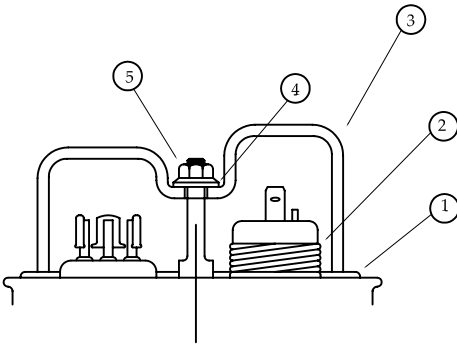
BTU 10,000



WIRING DIAGRAM

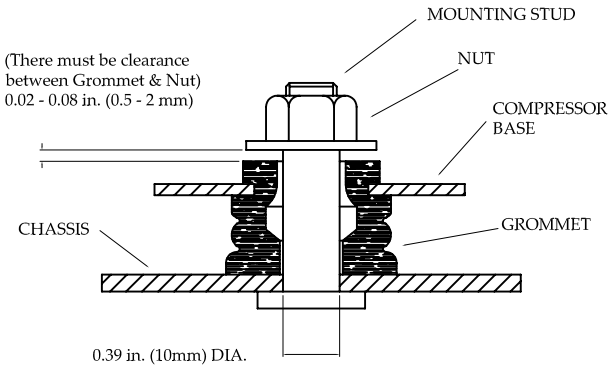


COMPRESSOR ACCESSORIES



ACCESSORIES	PART NUMBER
1 Gasket-Terminal Cover	7070620U
2 Spring - OLP hold down	7041200
3 Terminal Cover	7070219U
4 Gasket - Nut	7070621U
5 Nut - Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company

Air Conditioning Department

5PS102UCA21

115V, 60Hz R-410a

5PS102UCA21

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	28.2 oz.	635 g
(C)	26.5 oz.	750 g
Evaporating Temp Range (C/H)	5°F to 53.6 °F	-15°C to 12°C
(C)	14°F to 53.6 °F	-10°C to 12°C

Rated Performance at 115 V

Capacity	9,880 BTU/h
Motor Input	1050 Watts
Current	9.30 Amperes

Compressor Data

Pump Type	Rotary	
Displacement	10.2 cm ³ /rev.	
Oil	FV50S (PVE)	
	or equivalent	
Oil Charge (Precharged)	11.83 fl. Oz.	350 cm ³
Net Weight	25.6 lb.	11.6 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	53 A at 120 V
Winding Resistance ²	Main: ____Ω, Aux: ____Ω
Max. Continuous Current ²	_____

Maximum Operating Conditions

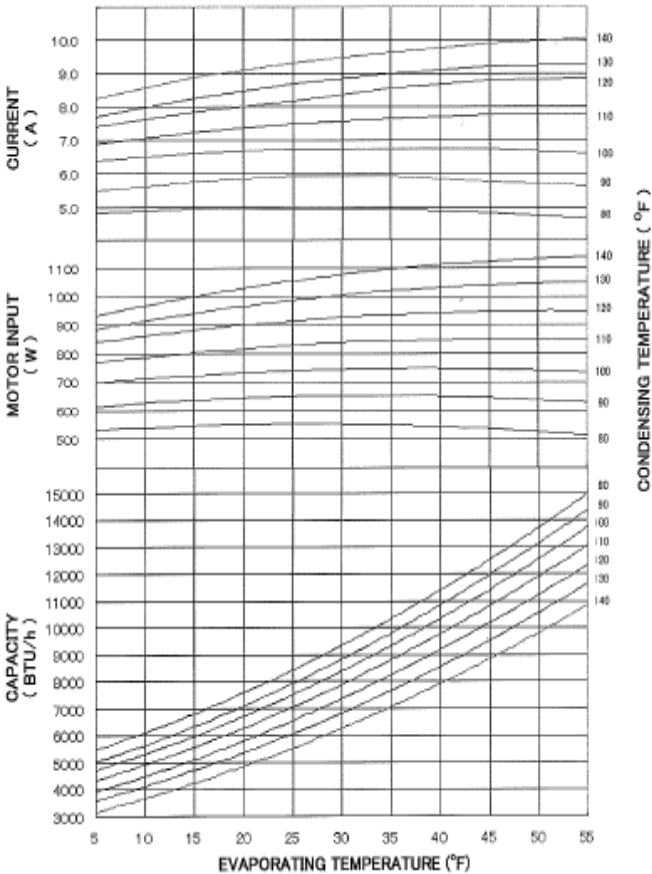
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100032
Texas Instrument part#	MRA 98695
Run Capacitor	40 μF / 250 V

Rated at ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on Voltage 115 V, Frequency 60 Hz

Return Gas	65°F	18.3°C
Liquid Sub Cooling	15°F	-9.4°C
Ambient, Air Over 1m/s	95°F	35.0°C

		COND. TEMP.				
		100°F	110°F	120°F	130°F	140°F
		37.8°C	43.3°C	48.9°C	54.4°C	60°C
EVAP. TEMP.						
35°F 1.7°C	Btu/h	9390	8806	8248	7658	7064
	Watts	750	845	936	1020	1094
	Amperes	6.7	7.7	8.6	9.0	9.6
45°F 7.2°C	Btu/h	11376	10786	10169	9520	8836
	Watts	740	851	949	1040	1124
	Amperes	6.7	7.8	8.8	9.2	9.9
55°F 12.8°C	Btu/h	13771	13067	12324	11642	10844
	Watts	737	848	949	1050	1138
	Amperes	6.6	7.8	8.9	9.3	10.0

UL file no.: To Be Confirmed

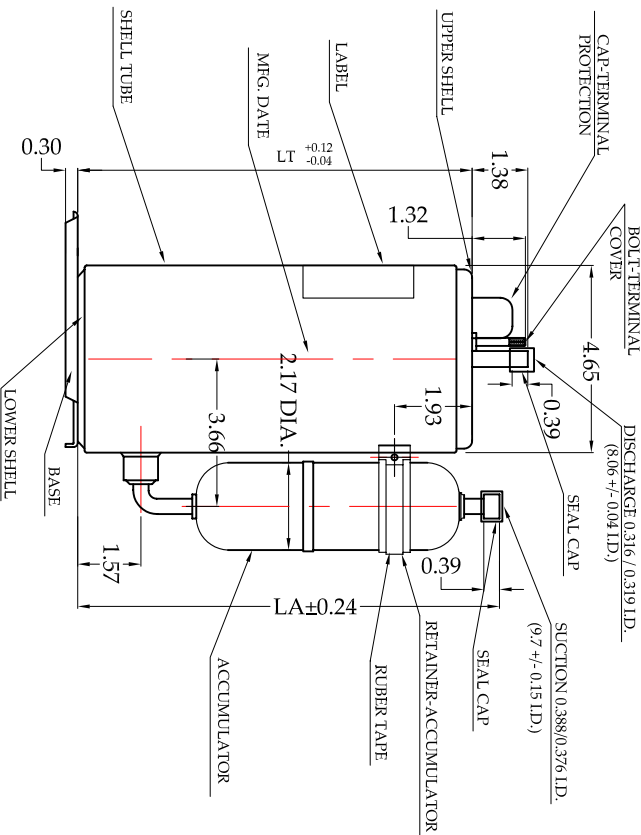
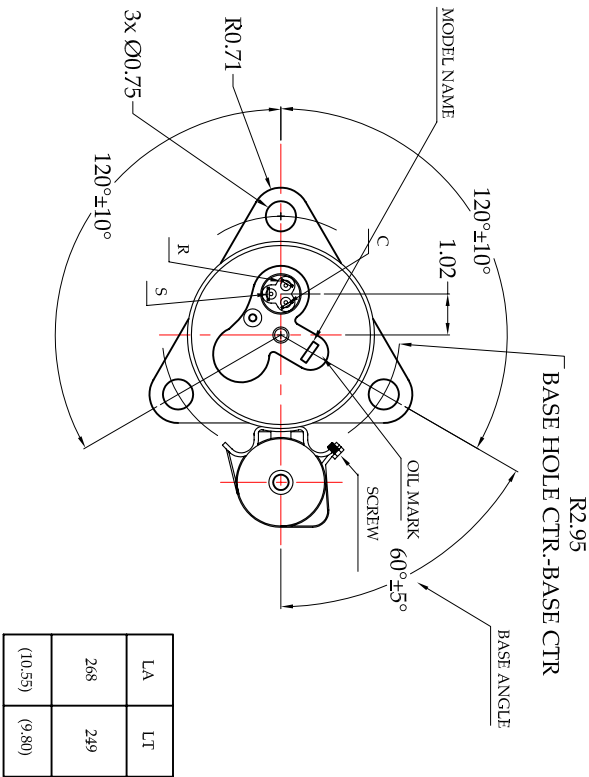
²Contact Panasonic for value

5PS102UAC21

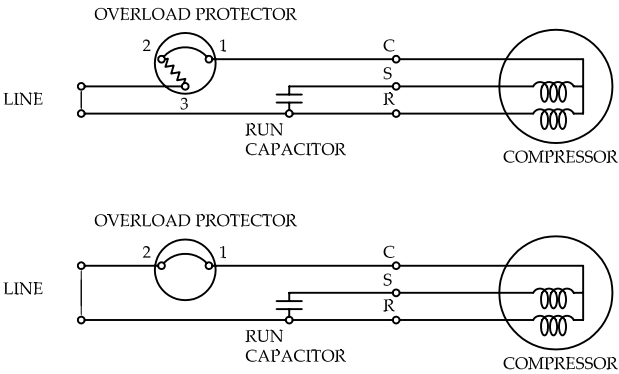
115 V , 60 Hz

R410A

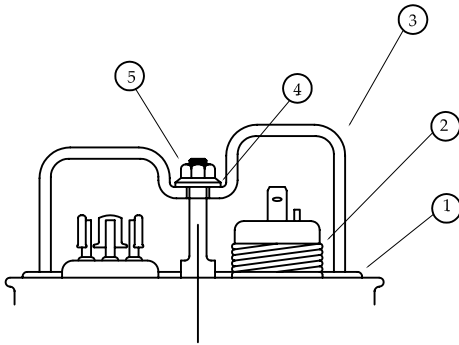
BTU 10,000



WIRING DIAGRAM

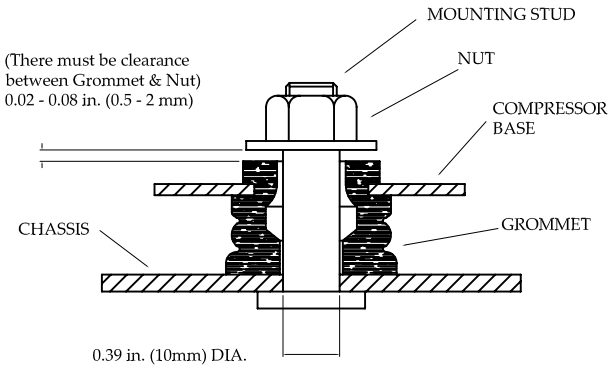


COMPRESSOR ACCESSORIES



ACCESSORIES	PART NUMBER
1 Gasket-Terminal Cover	7070620U
2 Spring - OLP hold down	7041200
3 Terminal Cover	7070219U
4 Gasket - Nut	7070621U
5 Nut - Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

5PS112FAB21
208/230V, 60Hz R-410a

5PS112FAB21

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	38.8 oz.	1100 g
Evaporating Temp Range (C/H)	5°F to 53.6 °F	-15°C to 12°C
	(C) 14°F to 53.6 °F	-10°C to 12°C

Rated Performance at 230 V

Capacity	10,955 BTU/h
Motor Input	1100 Watts
Current	4.85 Amperes

Compressor Data

Pump Type	Rotary	
Displacement	11.2 cm ³ /rev.	
Oil	FV50S (PVE) Or equivalent	
Oil Charge (Precharged)	11.83 fl. Oz.	350 cm ³
Net Weight	26.9 lb.	12.2 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	33 A at 240 V
Winding Resistance ²	Main: ____Ω, Aux: ____Ω
Max. Continuous Current ²	_____

Maximum Operating Conditions

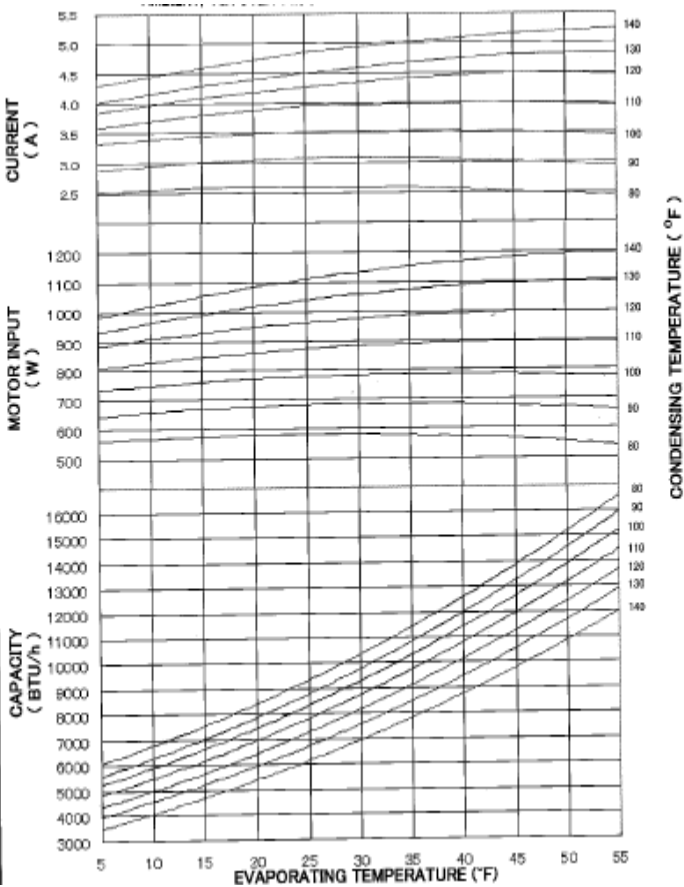
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100050
Texas Instrument part#	MRA 98533
Run Capacitor	30 μF / 330 V

Rated at ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on Voltage 230 V, Frequency 60 Hz
Return Gas 65°F 18.3°C
Liquid Sub Cooling 15°F -9.4°C
Ambient, Air Over 1m/s 95°F 35.0°C

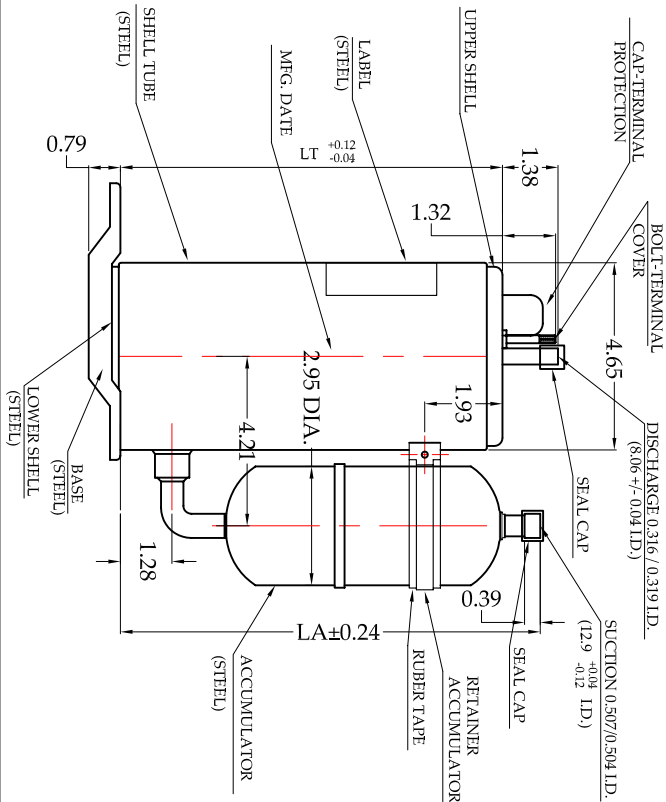
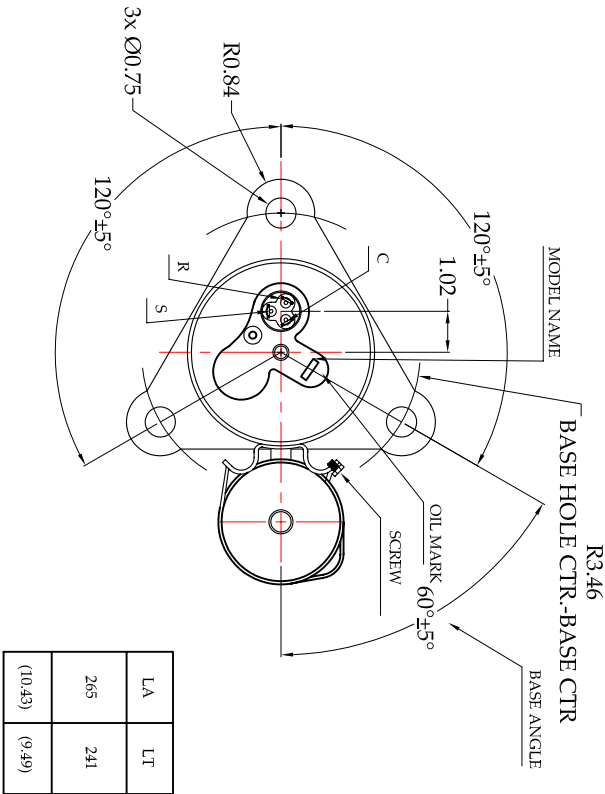
		COND. TEMP.				
		100°F	110°F	120°F	130°F	140°F
		37.8°C	43.3°C	48.9°C	54.4°C	60°C
EVAP. TEMP.						
35°F 1.7°C	Btu/h	10311	9754	9136	8482	7824
	Watts	790	889	985	1074	1152
	Amperes	3.5	4.0	4.4	4.7	5.0
45°F 7.2°C	Btu/h	12600	11946	11264	10545	9786
	Watts	780	897	999	1095	1184
	Amperes	3.5	4.0	4.5	4.8	5.2
55°F 12.8°C	Btu/h	15253	14473	13650	12895	12011
	Watts	776	893	999	1106	1198
	Amperes	3.4	3.9	4.5	4.8	5.2

UL file no.: To Be Confirmed

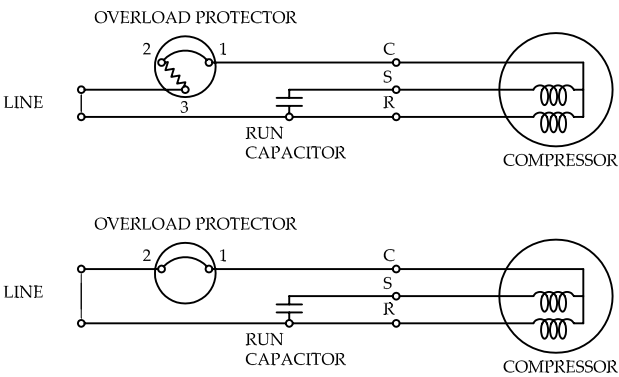
²Contact Panasonic for value

5PS112FAB21
208 / 230 V , 60 Hz R410A

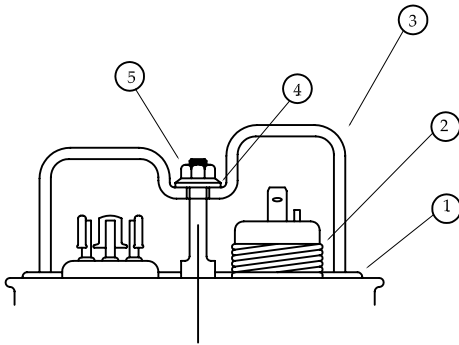
BTU 11,000



WIRING DIAGRAM

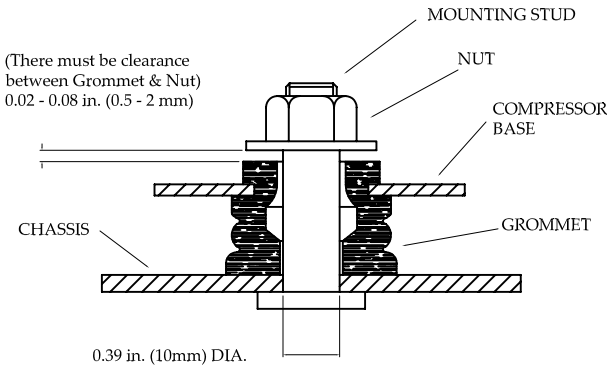


COMPRESSOR ACCESSORIES



ACCESSORIES	PART NUMBER
1 Gasket-Terminal Cover	7070620U
2 Spring - OLP hold down	7041200
3 Terminal Cover	7070219U
4 Gasket - Nut	7070621U
5 Nut - Terminal Cover	7080300
Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company

Air Conditioning Department

5PS112UAA21

115V, 60Hz R-410a

5PS112UAA21

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	38.8 oz.	1100 g
Evaporating Temp Range (C/H)	5°F to 53.6 °F	-15°C to 12°C
	(C) 14°F to 53.6 °F	-10°C to 12°C

Rated Performance at 115 V

Capacity	10,953 BTU/h
Motor Input	1135 Watts
Current	10.1 Amperes

Compressor Data

Pump Type	Rotary	
Displacement	11.2 cm ³ /rev.	
Oil	FV50S (PVE)	
	Or equivalent	
Oil Charge (Precharged)	11.83 fl. Oz.	350 cm ³
Net Weight	26.0 lb.	11.8 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	58 A at 120 V
Winding Resistance ²	Main: ____Ω, Aux: ____Ω
Max. Continuous Current ²	_____

Maximum Operating Conditions

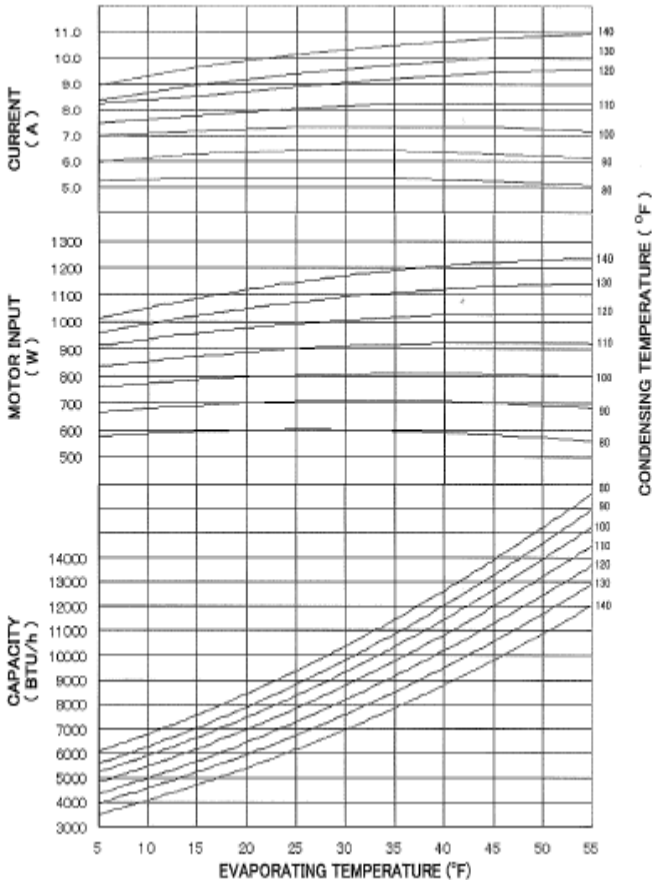
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector ²	
Texas Instrument part#	MRA 98695
Run Capacitor	45 μF / 250 V

Rated at ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

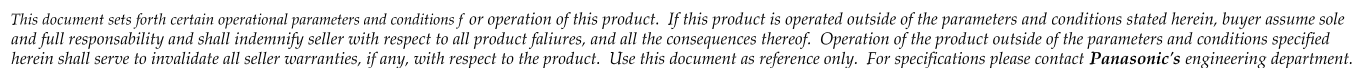
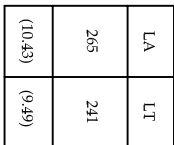
Based on Voltage 115 V, Frequency 60 Hz
Return Gas 65°F 18.3°C
Liquid Sub Cooling 15°F -9.4°C
Ambient, Air Over 1m/s 95°F 35.0°C

		COND. TEMP.				
		100°F	110°F	120°F	130°F	140°F
		37.8°C	43.3°C	48.9°C	54.4°C	60°C
EVAP. TEMP.						
35°F 1.7°C	Btu/h	10326	9768	9149	8494	7835
	Watts	815	918	1017	1108	1188
	Amperes	7.3	8.2	9.2	9.8	10.5
45°F 7.2°C	Btu/h	12618	11963	11279	10560	9800
	Watts	805	925	1031	1130	1221
	Amperes	7.3	8.2	9.5	10.0	10.8
55°F 12.8°C	Btu/h	15274	14493	13669	12913	12028
	Watts	801	922	1031	1141	1236
	Amperes	7.2	8.2	9.6	10.0	10.9

UL file no.: To Be Confirmed

²Contact Panasonic for value

BTU 11,000



Panasonic Industrial Company
Air Conditioning Department

5PS132FAA21
208/230V, 60Hz R-410a

5PS132FAA21

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680 g
(C)	28.2 oz.	800 g
Evaporating Temp Range (C/H)	5°F to 53.6 °F	-15°C to 12°C
(C)	14°F to 53.6 °F	-10°C to 12°C

Rated Performance at 230 V

Capacity	13,010 BTU/h
Motor Input	1335 Watts
Current	5.90 Amperes

Compressor Data

Pump Type	Rotary	
Displacement	13.2 cm ³ /rev.	
Oil	FV50S (PVE)	
	Or equivalent	
Oil Charge (Precharged)	11.80 fl. Oz.	350 cm ³
Net Weight	25.8 lb.	11.7 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	34 A at 240 V
Winding Resistance ²	Main: ____Ω, Aux: ____Ω
Max. Continuous Current ²	_____

Maximum Operating Conditions

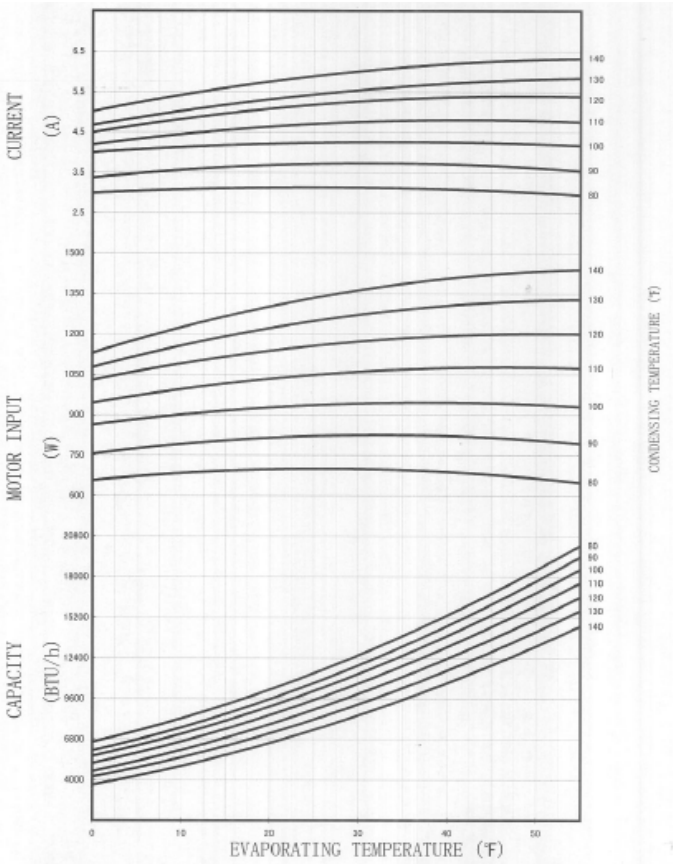
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100792 / 7100078
Texas Instrument part#	MRA 98768-9090 / 98768
Run Capacitor	30 μF / 370 V

Rated at ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on Voltage 230 V, Frequency 60 Hz

Return Gas	65°F	18.3°C
Liquid Sub Cooling	15°F	-9.4°C
Ambient, Air Over 1m/s	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35°F 1.7°C	Btu/h	12520	11845	11095	10300	9500
	Watts	950	1070	1185	1290	1385
	Amperes	4.3	4.8	5.3	5.7	6.1

45°F 7.2°C	Btu/h	15300	14510	13680	12805	11885
	Watts	935	1075	1200	1315	1420
	Amperes	4.3	4.8	5.6	5.8	6.3

55°F 12.8°C	Btu/h	18525	17575	16575	15660	14585
	Watts	930	1070	1200	1330	1440
	Amperes	4.2	4.8	5.3	5.8	6.4

UL file no.: To Be Confirmed

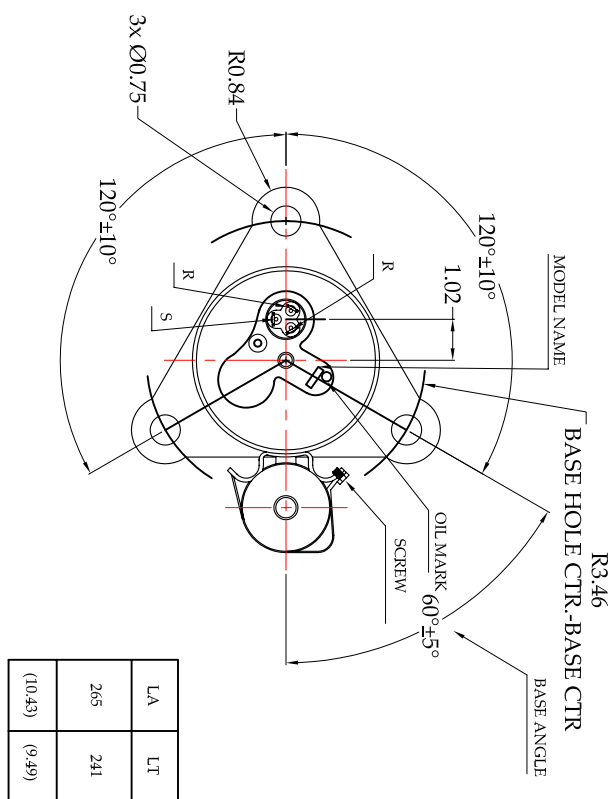
²Contact Panasonic for value

R410A

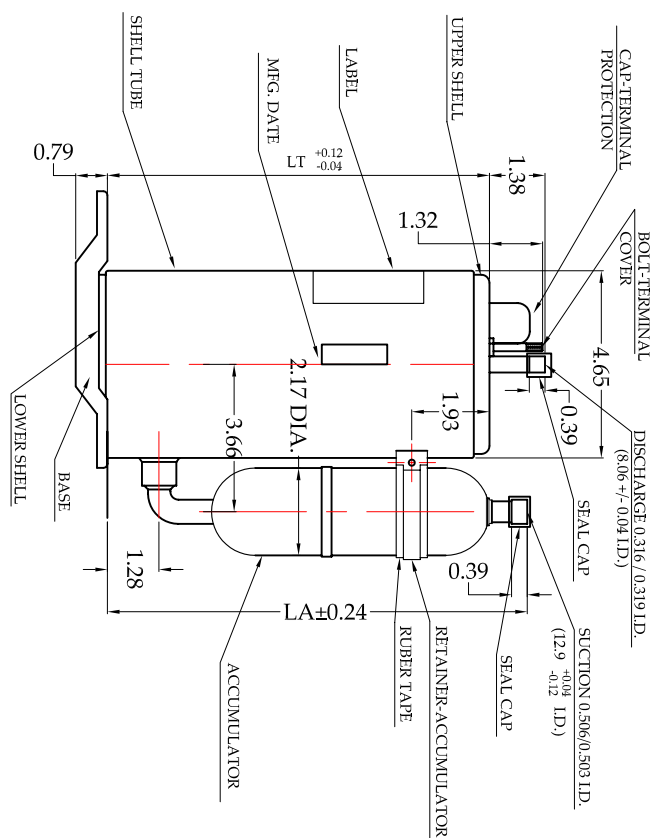
208 / 230 V, 60 Hz

R410A

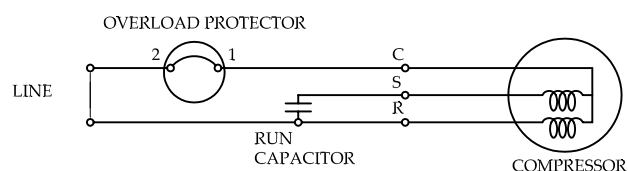
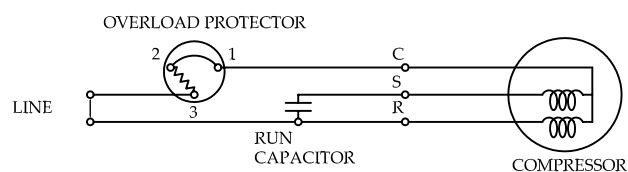
BTU 13,000



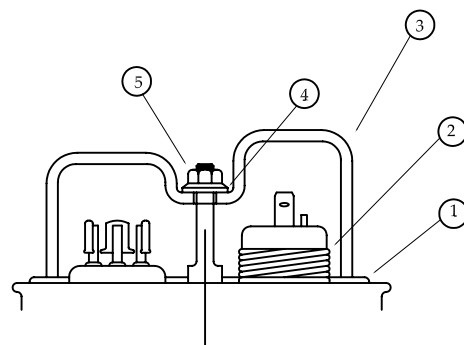
LA	LT
265	241
(10.43)	(9.49)



WIRING DIAGRAM



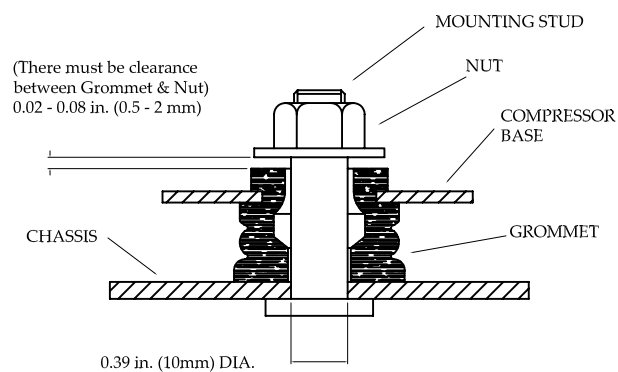
COMPRESSOR ACCESSORIES



ACCESSORIES	PART NUMBER
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1	Gasket-Terminal Cover	7070620U
2	Spring - OLP hold down	7041200
3	Terminal Cover	7070219U
4	Gasket - Nut	7070621U
5	Nut - Terminal Cover	7080300
	Grommet	7070815

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

5PS132UAB21
115V, 60Hz R-410a

5PS132UAB21

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680 g
(C)	28.2 oz.	800 g
Evaporating Temp Range (C/H)	5°F to 53.6 °F	-15°C to 12°C
(C)	14°F to 53.6 °F	-10°C to 12°C

Rated Performance at 115 V

Capacity	12,890 BTU/h
Motor Input	1360 Watts
Current	12.15 Amperes

Compressor Data

Pump Type	Rotary	
Displacement	13.2 cm ³ /rev.	
Oil	FV50S (PVE)	
	Or equivalent	
Oil Charge (Precharged)	11.8 fl. Oz.	350 cm ³
Net Weight	25.8 lb.	11.7 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	62 A at 120 V
Winding Resistance ²	Main: ____Ω, Aux: ____Ω
Max. Continuous Current ²	_____

Maximum Operating Conditions

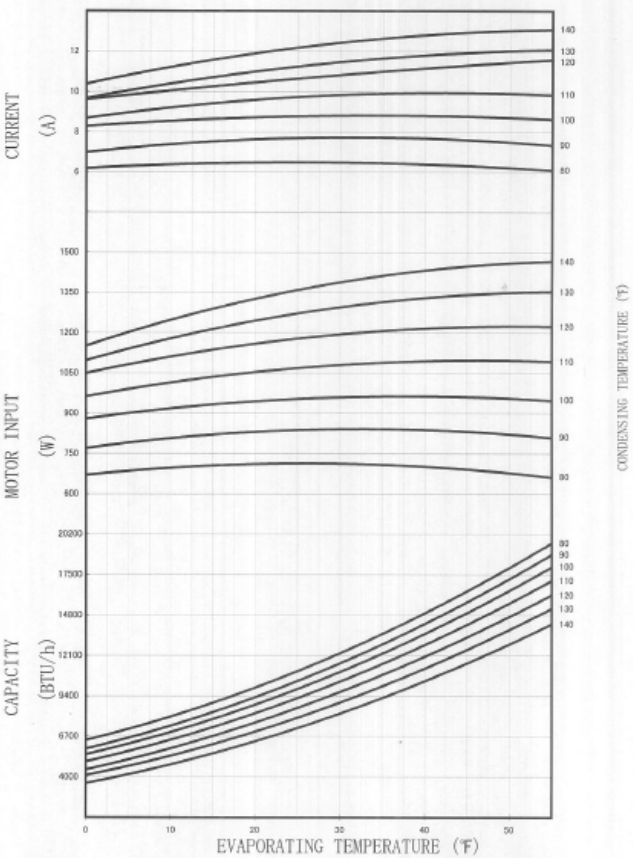
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100795 / 7100522
Texas Instrument part#	MRA 98896-9091 / 98896-9200
Run Capacitor	45 μF / 260 V

Rated at ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on Voltage 115 V, Frequency 60 Hz

Return Gas	65°F	18.3°C
Liquid Sub Cooling	15°F	-9.4°C
Ambient, Air Over 1m/s	95°F	35.0°C

COND. TEMP.

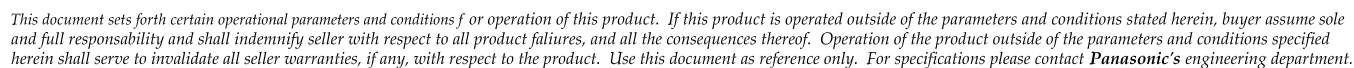
100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35°F 1.7°C	Btu/h	12190	11530	10800	10025	9250
	Watts	965	1090	1205	1315	1410
	Amperes	8.8	9.9	11.0	11.7	12.6
45°F 7.2°C	Btu/h	14895	14120	13315	12465	11570
	Watts	955	1095	1225	1340	1450
	Amperes	8.8	9.9	11.5	12.0	12.9
55°F 12.8°C	Btu/h	18030	17110	16135	15245	14200
	Watts	950	1095	1225	1355	1465
	Amperes	8.6	9.9	11.5	12.0	13.1

R410A

LA	LT
265	241
(10.43)	(9.49)



Panasonic Industrial Company
Air Conditioning Department

5PS132UAB21
115V, 60Hz R-410a

5PS132UAB21

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680 g
(C)	28.2 oz.	800 g
Evaporating Temp Range (C/H)	5°F to 53.6 °F	-15°C to 12°C
(C)	14°F to 53.6 °F	-10°C to 12°C

Rated Performance at 115 V

Capacity	12,890 BTU/h
Motor Input	1360 Watts
Current	12.15 Amperes

Compressor Data

Pump Type	Rotary	
Displacement	13.2 cm ³ /rev.	
Oil	FV50S (PVE)	
	Or equivalent	
Oil Charge (Precharged)	11.8 fl. Oz.	350 cm ³
Net Weight	25.8 lb.	11.7 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	62 A at 120 V
Winding Resistance ²	Main: ____Ω, Aux: ____Ω
Max. Continuous Current ²	_____

Maximum Operating Conditions

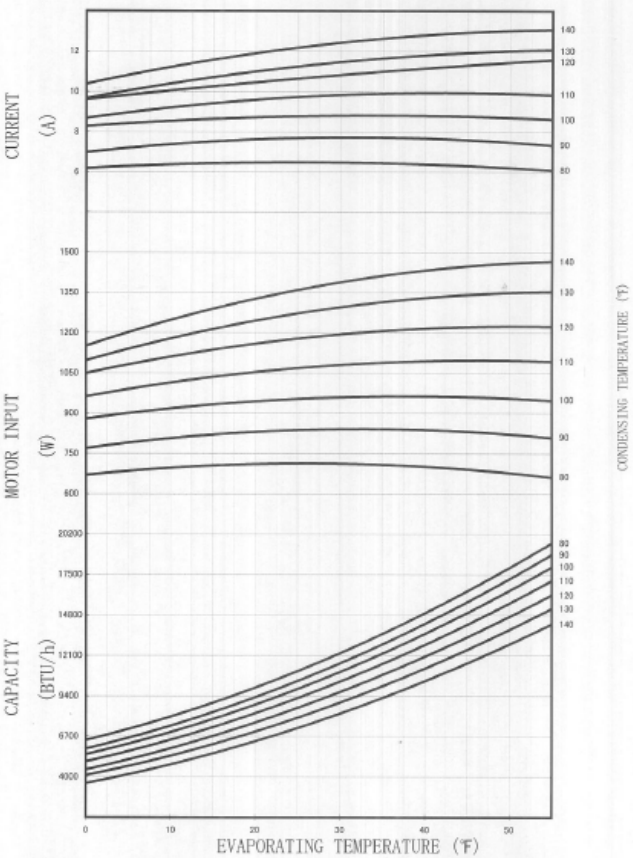
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100795 / 7100522
Texas Instrument part#	MRA 98896-9091 / 98896-9200
Run Capacitor	45 μF / 260 V

Rated at ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on Voltage 115 V, Frequency 60 Hz

Return Gas	65°F	18.3°C
Liquid Sub Cooling	15°F	-9.4°C
Ambient, Air Over 1m/s	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35°F 1.7°C	Btu/h	12190	11530	10800	10025	9250
	Watts	965	1090	1205	1315	1410
	Amperes	8.8	9.9	11.0	11.7	12.6
45°F 7.2°C	Btu/h	14895	14120	13315	12465	11570
	Watts	955	1095	1225	1340	1450
	Amperes	8.8	9.9	11.5	12.0	12.9
55°F 12.8°C	Btu/h	18030	17110	16135	15245	14200
	Watts	950	1095	1225	1355	1465
	Amperes	8.6	9.9	11.5	12.0	13.1

Panasonic Industrial Company
Air Conditioning Department

2R10B3R126H-SB
115 V, 60 Hz R-22

2R10B3R126H-SB

Application	Cooling only	
Ref. Charge Limit	15.9 oz.	450 g
Evaporating Temp. Range	14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52171030-A	

Rated Performance¹

Capacity	6,545 Btu/hr
Motor Input	710 Watts
Current	6.9 Amperes
E.E.R.	9.22 Btu/hr/ W

Compressor Data

Pump Type	Rotary
Displacement	9.5 cc/rev
Oil	ATMOS M60 or equivalent
Oil Charge (Precharged)	8.8 fl. oz. 260 cc
Net Weight	14.8 lb 6.7 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	34 A at 120 V
Winding Resistance	Main: 1.349Ω, Aux: 6.640Ω
Max. Continuous Current ²	

Maximum Operating Conditions

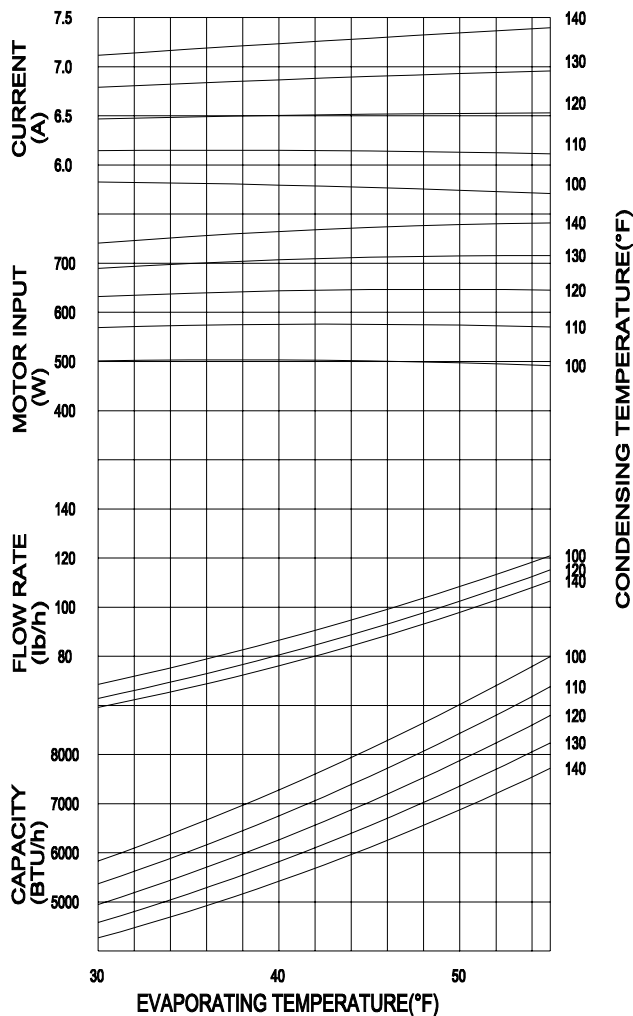
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100555
Texas Instrument part #	MRA 99034
Run Capacitor	25 µF/300 VAC

¹Rated @ ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115° F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

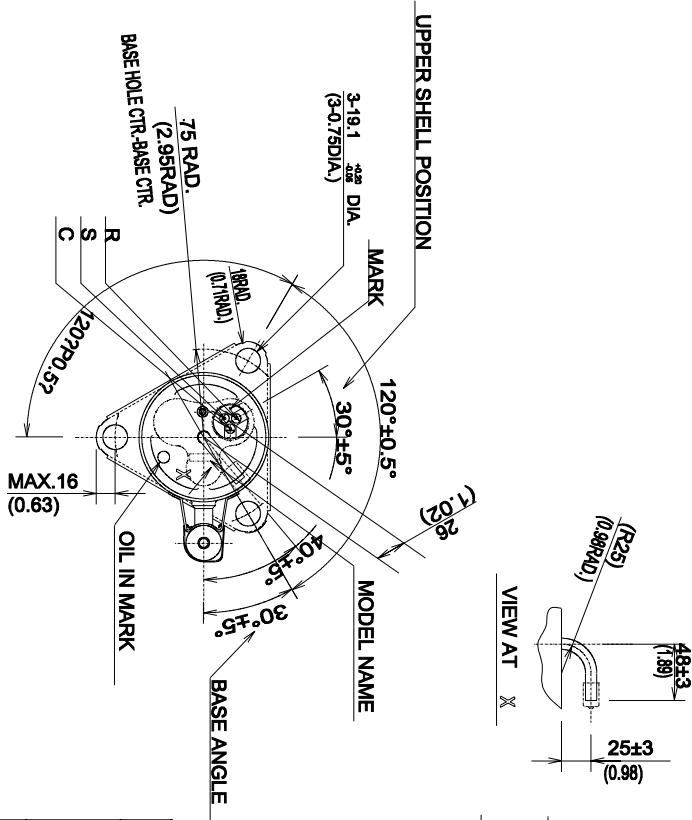
EVAP. TEMP.

35° F 1.7°C	Btu/hr	6520	6025	5570	5165	4805
	Watts	503	573	638	699	754
	Amperes	5.8	6.1	6.5	6.8	7.2
45° F 7.2°C	Btu/hr	8110	7555	7030	6545	6110
	Watts	501	575	646	710	772
	Amperes	5.8	6.1	6.5	6.9	7.3
55° F 12.8°C	Btu/hr	9995	9380	8790	8240	7720
	Watts	491	570	645	715	782
	Amperes	5.7	6.1	6.5	7.0	7.4

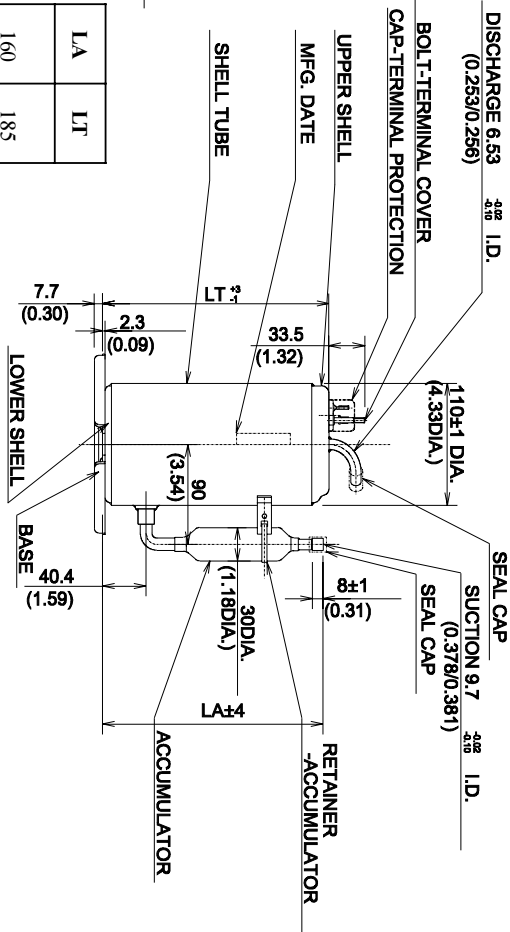
2R10B3R126H-SB

115 V, 60 Hz R-22

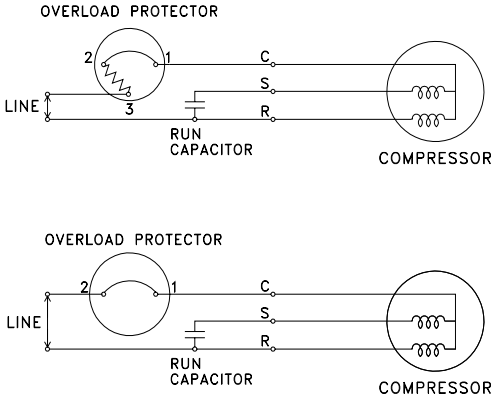
BTU 7,000



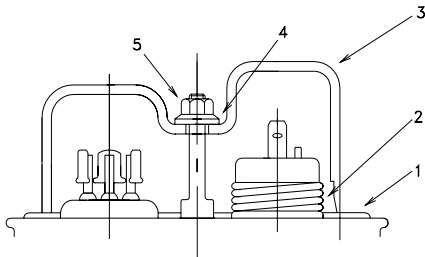
L/A	L/T
160	185
(6.30)	(7.28)



WIRING DIAGRAM

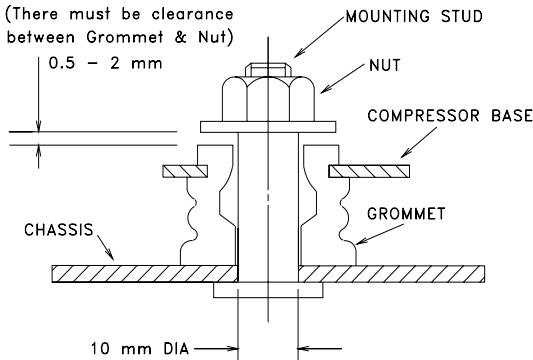


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R10S3R126A-6A
115 V, 60 Hz R-22

2R10S3R126A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
	(C)	19.4 oz. 550 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170417-B	

Rated Performance¹

Capacity	6,670 Btu/hr
Motor Input	620 Watts
Current	5.7 Amperes
E.E.R.	10.76 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	9.5 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	8.8 fl. oz.	260 cc
Net Weight	19.4 lb	8.8 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	40 A at 120 V	
Winding Resistance	Main: 1.097Ω, Aux: 2.633Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

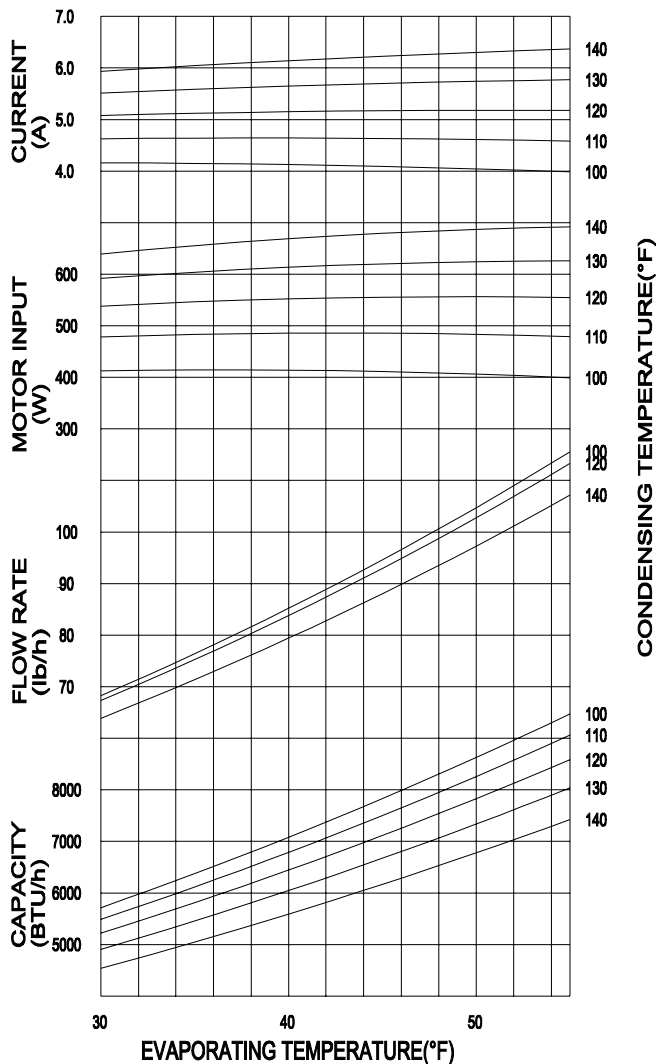
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100533 or 7100512	
Texas Instrument part #	MRA 98916 or MRA 98866	
Run Capacitor	35 μF/250 VAC	

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	6450	6110	5810	5450	5040
	Watts	415	485	545	605	655
	Amperes	4.1	4.6	5.1	5.6	6.0
45° F 7.2°C	Btu/hr	7960	7500	7120	6670	6160
	Watts	410	485	555	620	680
	Amperes	4.1	4.6	5.2	5.7	6.2
55° F 12.8°C	Btu/hr	9690	9080	8590	8050	7430
	Watts	400	480	555	625	690
	Amperes	4.0	4.6	5.2	5.8	6.4

UL file no.: S44615; CSA file no.: LR46130, LR51349, LR66348, LR76919, LR95789, LR109092

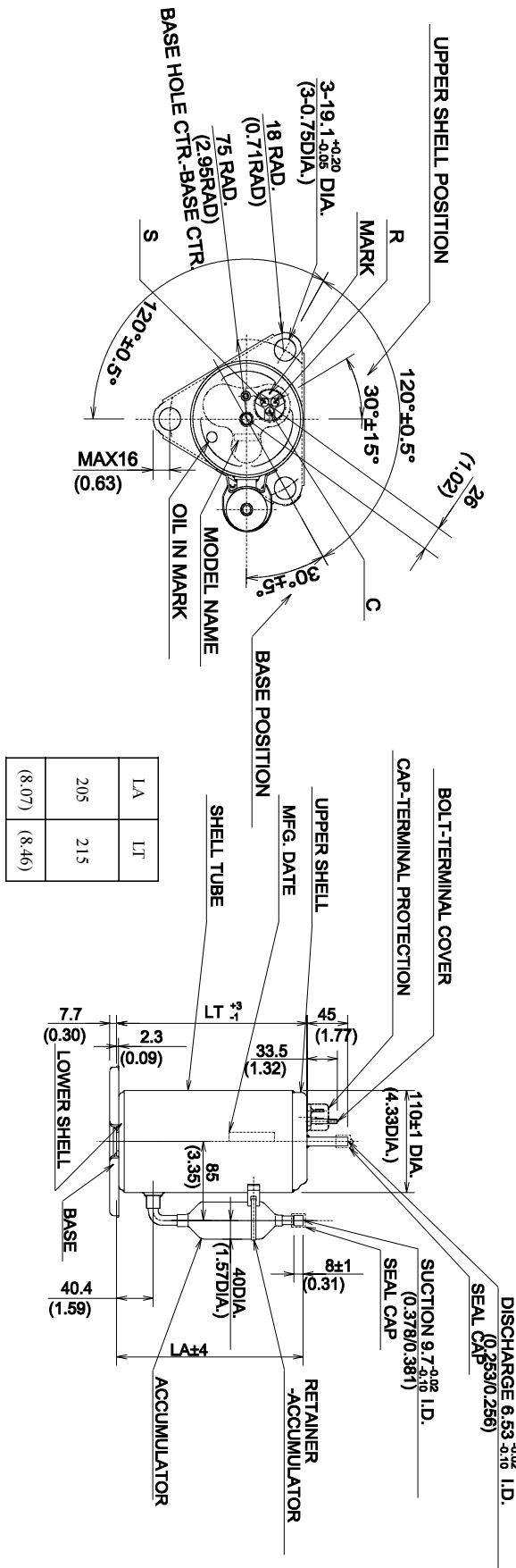
²Contact Panasonic for value.

BTU 6,000

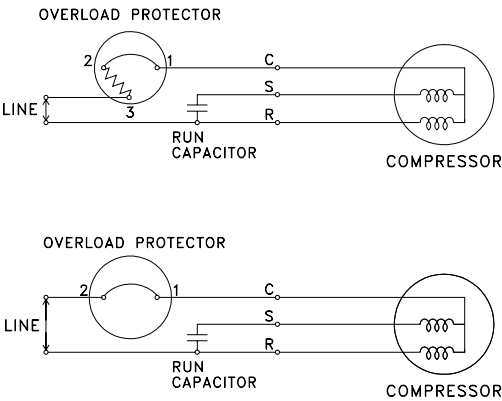
2R10B3R126A-6A

115 V, 60 Hz R-22

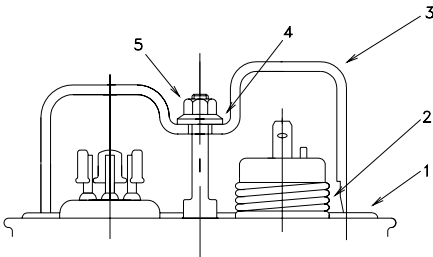
BTU 6,000



WIRING DIAGRAM

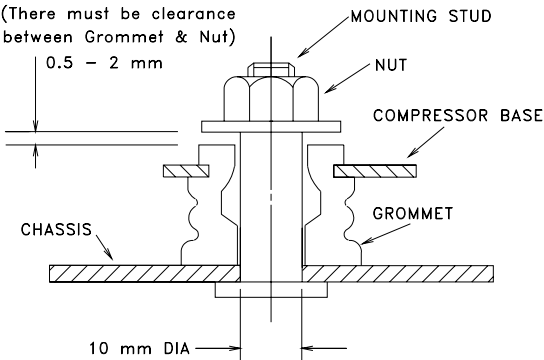


COMPRESSOR ACCESSORIES



	Accessories	Part Number
1	Gasket-Terminal Cover	7070620U
2	Spring-OLP hold down	7041200
3	Terminal Cover	7070222U
4	Gasket-Nut	7070621U
5	Nut-Terminal Cover	7080300
	Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R10S3R236A-6A
208/230 V, 60 Hz R-22

2R10S3R236A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
	(C) 19.4 oz.	550 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170820-A	

Rated Performance @230V¹

Capacity	6,625 Btu/hr
Motor Input	616 Watts
Current	2.7 Amperes
E.E.R.	10.75 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	9.5 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	8.8 fl. oz.	260 cc
Net Weight	19.2 lb	8.7 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	19 A at 240 V
Winding Resistance	Main: 4.093Ω, Aux: 5.584Ω
Max. Continuous Current ²	

Maximum Operating Conditions

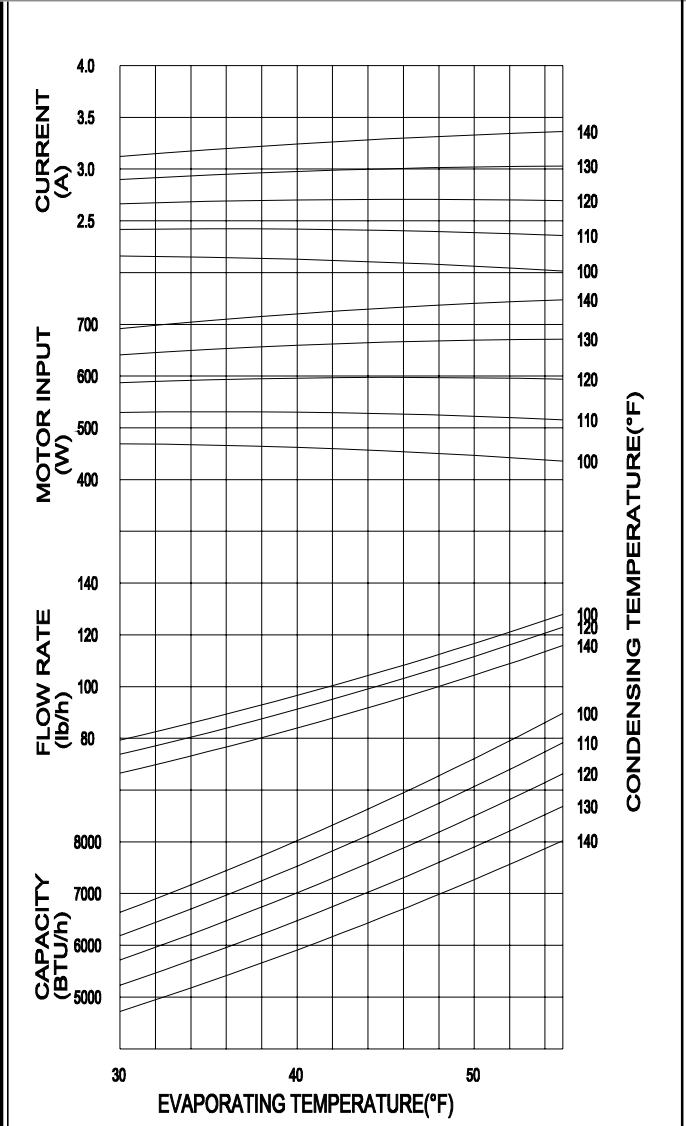
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100505
Texas Instrument part #	MRA 98856
Run Capacitor	15 μF/370 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @230V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

		COND. TEMP				
		100°F	110°F	120°F	130°F	140°F
		37.8°C	43.3°C	48.9°C	54.4°C	60°C
EVAP. TEMP						
35° F 1.7°C	Btu/hr	6330	6075	5770	5420	5015
	Watts	412	480	543	600	651
	Amperes	2.0	2.2	2.4	2.6	2.9
45° F 7.2°C	Btu/hr	7775	7445	7065	6625	6125
	Watts	409	483	552	616	675
	Amperes	1.9	2.2	2.4	2.7	2.9
55° F 12.8°C	Btu/hr	9410	9000	8525	7985	7375
	Watts	396	476	551	622	687
	Amperes	1.9	2.2	2.5	2.7	3.0

UL file no.: SA4615; CSA file no.: LR46130, LR51349, LR66348, LR76919, LR95789, LR109092

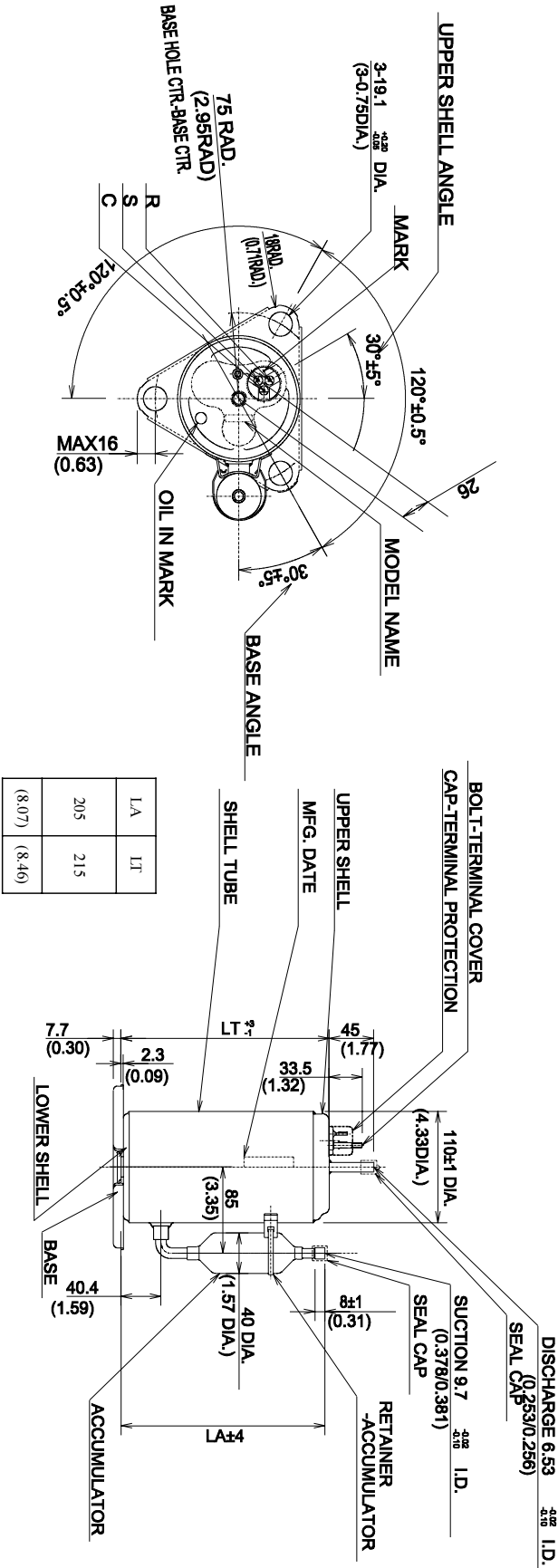
²Contact Panasonic for value.

BTU 7,000

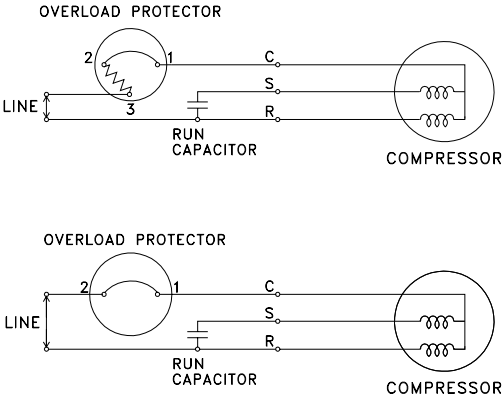
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208/230 V, 60 Hz R-22

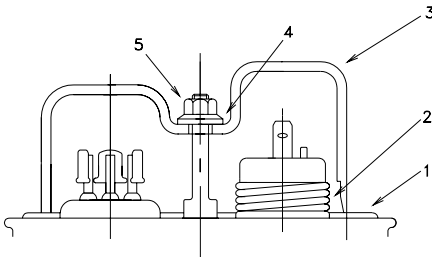
BTU 7,000



WIRING DIAGRAM

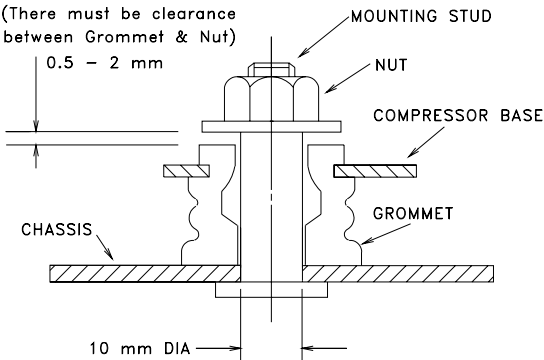


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R10S3R236A-6A
208/230 V, 60 Hz R-22

2R10S3R236A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
	(C) 19.4 oz.	550 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170820-A	

Rated Performance @230V¹

Capacity	6,625 Btu/hr
Motor Input	616 Watts
Current	2.7 Amperes
E.E.R.	10.75 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	9.5 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	8.8 fl. oz.	260 cc
Net Weight	19.2 lb	8.7 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	19 A at 240 V	
Winding Resistance	Main: 4.093Ω, Aux: 5.584Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

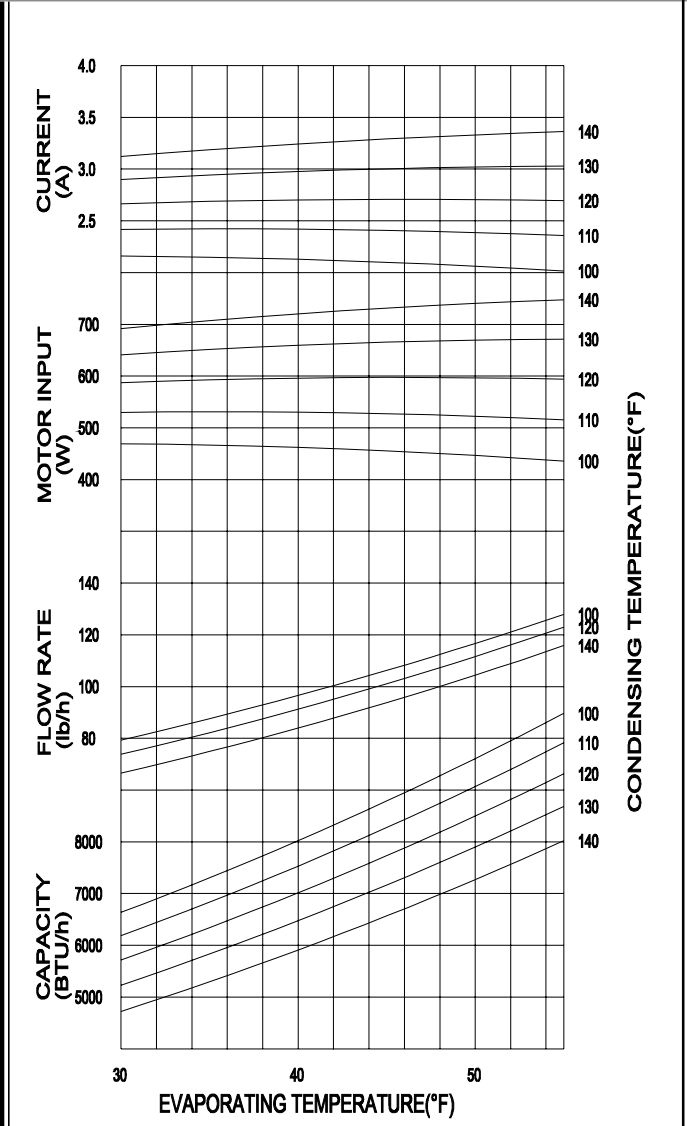
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100505
Texas Instrument part #	MRA 98856
Run Capacitor	15 μF/370 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @230V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

		COND. TEMP				
		100°F	110°F	120°F	130°F	140°F
		37.8°C	43.3°C	48.9°C	54.4°C	60°C
EVAP. TEMP						
35° F 1.7°C	Btu/hr	6330	6075	5770	5420	5015
	Watts	412	480	543	600	651
	Amperes	2.0	2.2	2.4	2.6	2.9
45° F 7.2°C	Btu/hr	7775	7445	7065	6625	6125
	Watts	409	483	552	616	675
	Amperes	1.9	2.2	2.4	2.7	2.9
55° F 12.8°C	Btu/hr	9410	9000	8525	7985	7375
	Watts	396	476	551	622	687
	Amperes	1.9	2.2	2.5	2.7	3.0

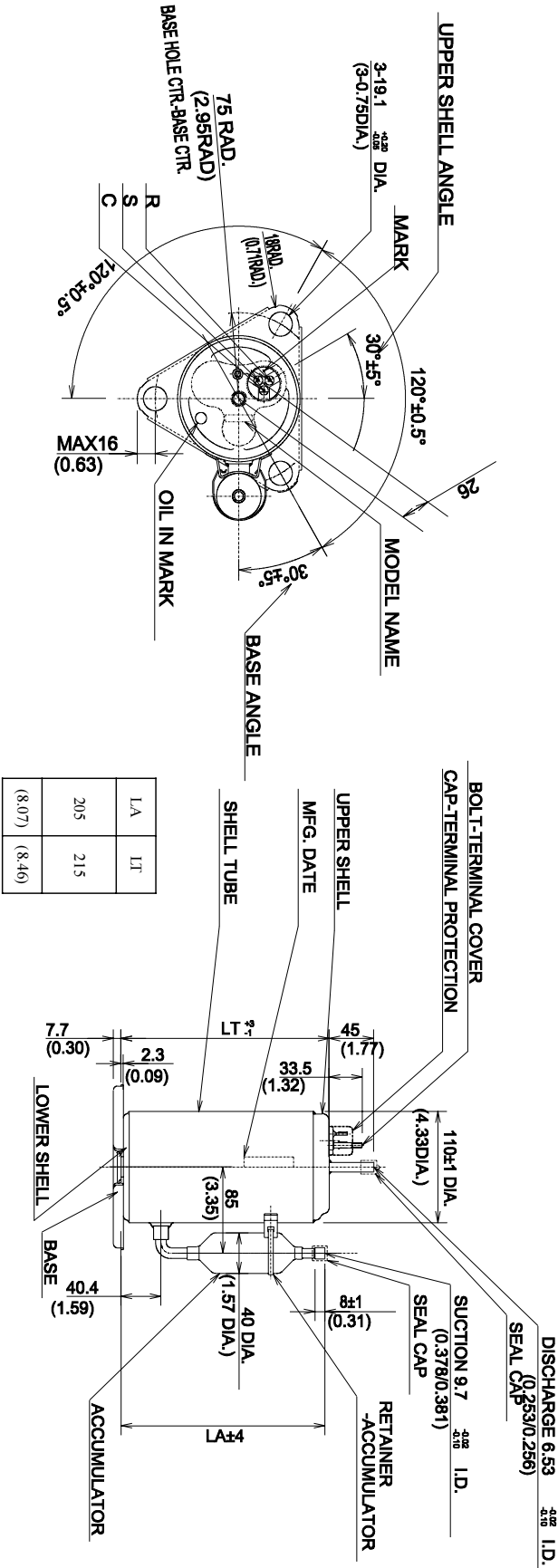
UL file no.: SA4615; CSA file no.: LR46130, LR51349, LR66348, LR76919, LR95789, LR109092

²Contact Panasonic for value.

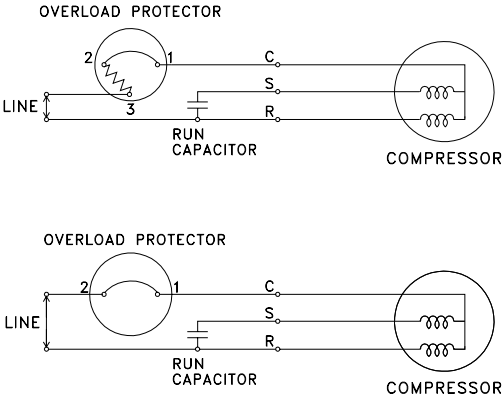
2R10S3R236A-6A

208/230 V, 60 Hz R-22

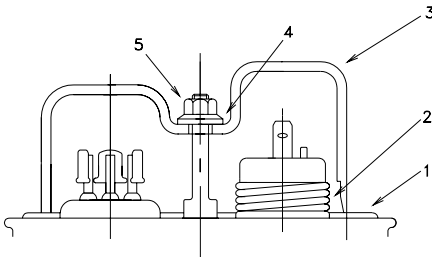
BTU 7,000



WIRING DIAGRAM

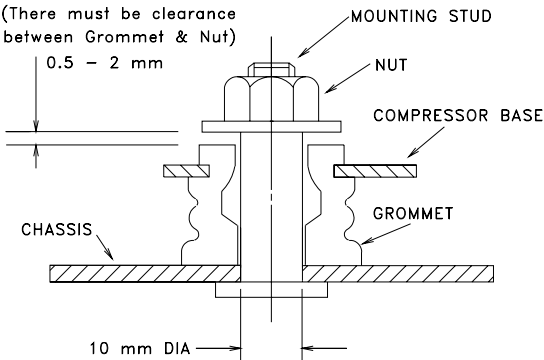


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R10S3R276A-6A
265/277 V, 60 Hz R-22

2R10S3R276A-6A

Application	Cooling (C) / Heating (C)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
	(C)	19.4 oz. 550 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170821-B	

Rated Performance @265V¹

Capacity	6,625 Btu/hr
Motor Input	616 Watts
Current	2.4 Amperes
E.E.R.	10.75 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	9.5 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	8.8 fl. oz.	260 cc
Net Weight	19.2 lb	8.7 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	16 A at 277 V	
Winding Resistance	Main: 5.525Ω, Aux: 5.250Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

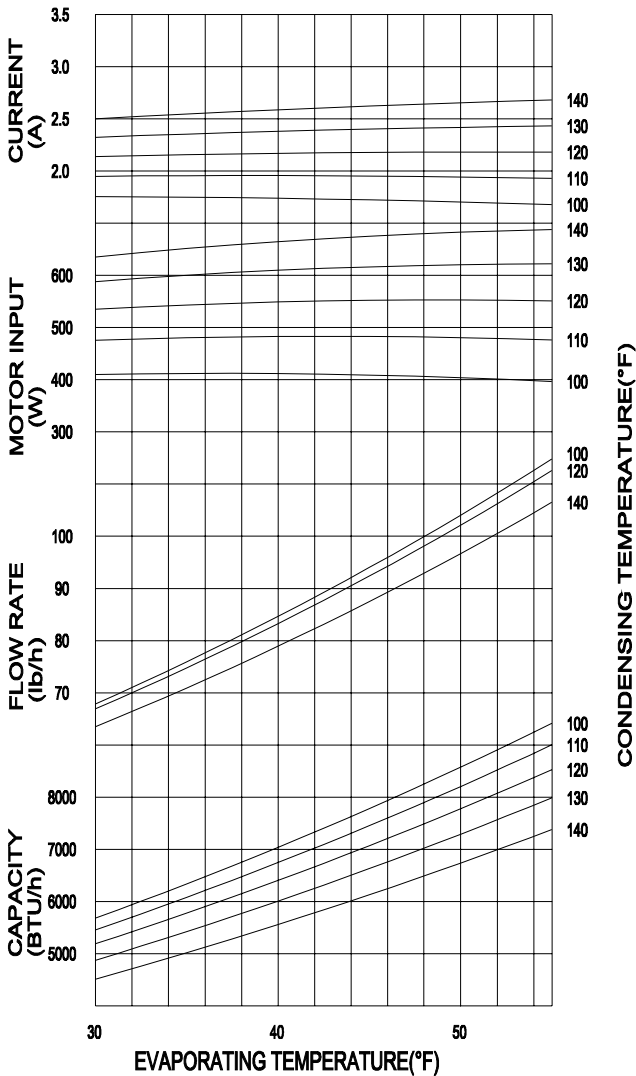
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100543
Texas Instrument part #	MRA 99017
Run Capacitor	15 μF/400 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @265V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

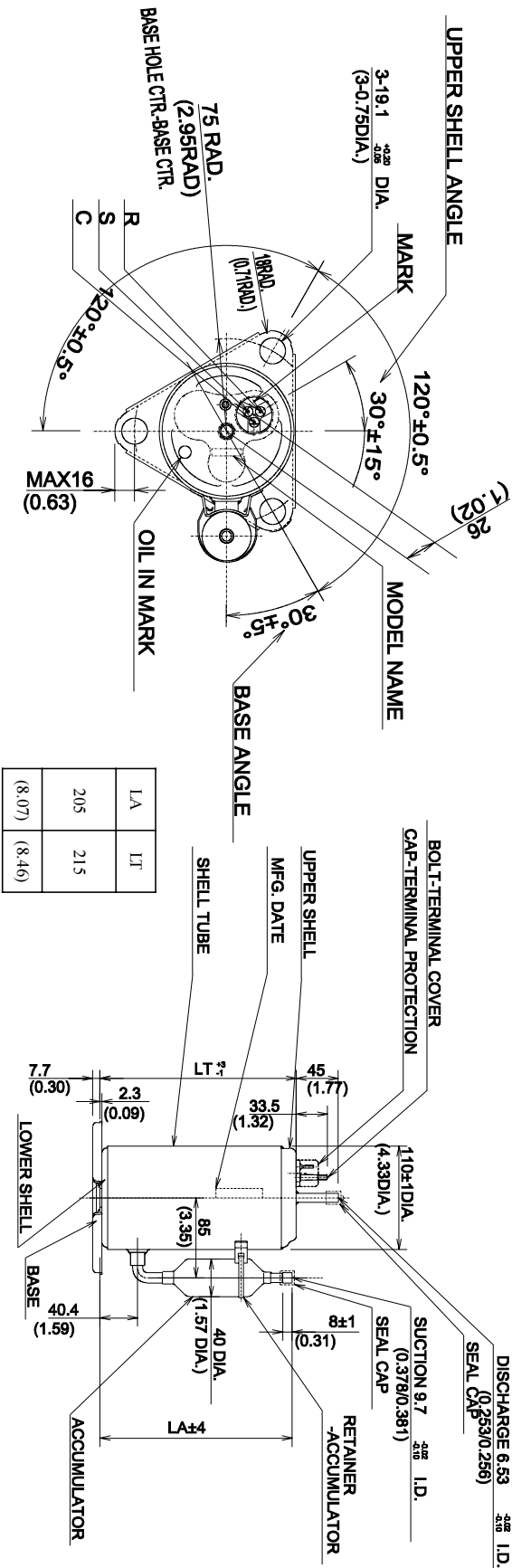
35° F 1.7°C	Btu/hr	6330	6075	5770	5420	5015
	Watts	412	480	543	600	651
	Amperes	1.7	2.0	2.2	2.4	2.5
45° F 7.2°C	Btu/hr	7775	7445	7065	6625	6125
	Watts	409	483	552	616	675
	Amperes	1.7	2.0	2.2	2.4	2.6
55° F 12.8°C	Btu/hr	9410	9000	8525	7985	7375
	Watts	396	476	551	622	687
	Amperes	1.7	1.9	2.2	2.4	2.7

BTU 7,000

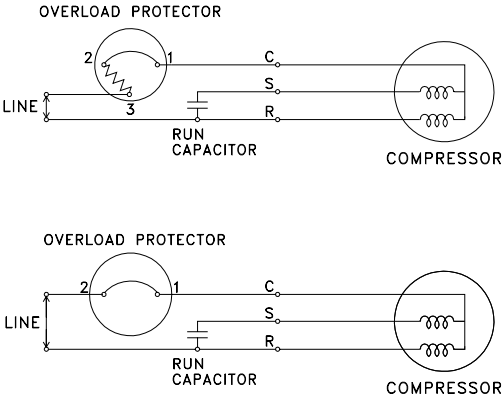
2R10S3R276A-6A

265/277 V, 60 H R-22

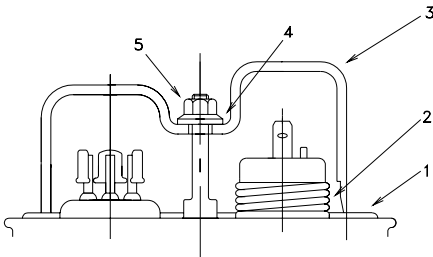
BTU 7,000



WIRING DIAGRAM

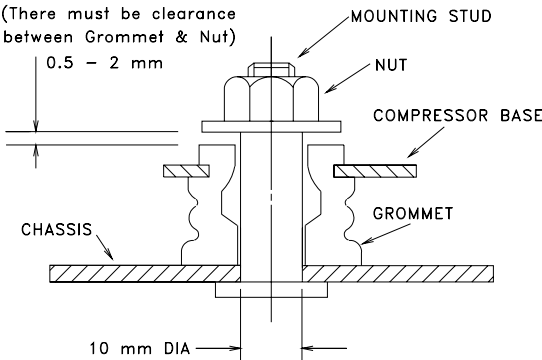


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R10S3R276A-6A
220/240 V, 50 Hz R-22

2R10S3R276A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
(C)	19.4 oz.	550 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
(C)	14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170821-B(2)	

Rated Performance @220V/240V¹

Capacity	5,415/5,455 Btu/hr
Motor Input	510/525 Watts
Current	2.35/2.25 Amperes
E.E.R.	10.62/10.39 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	9.5 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	8.8 fl. oz.	260 cc
Net Weight	19.2 lb	8.7 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	10/11 A at 220/240 V	
Winding Resistance	Main: 5.525Ω, Aux: 5.250Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

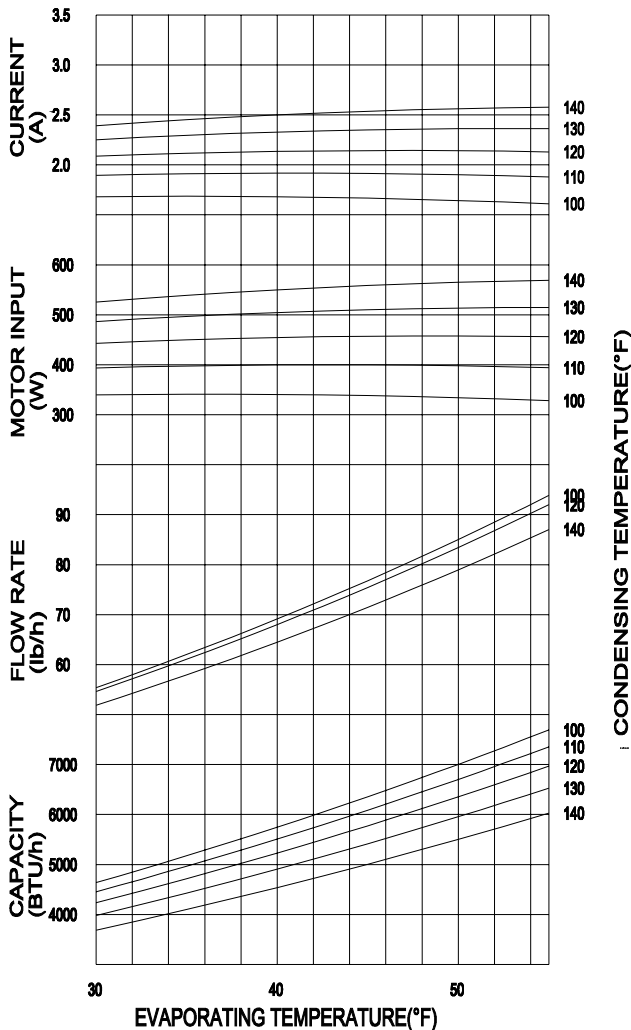
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100543
Texas Instrument part #	MRA 99017
Run Capacitor	20 μF/370 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



BTU 5,000

Performance Data @ 220V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
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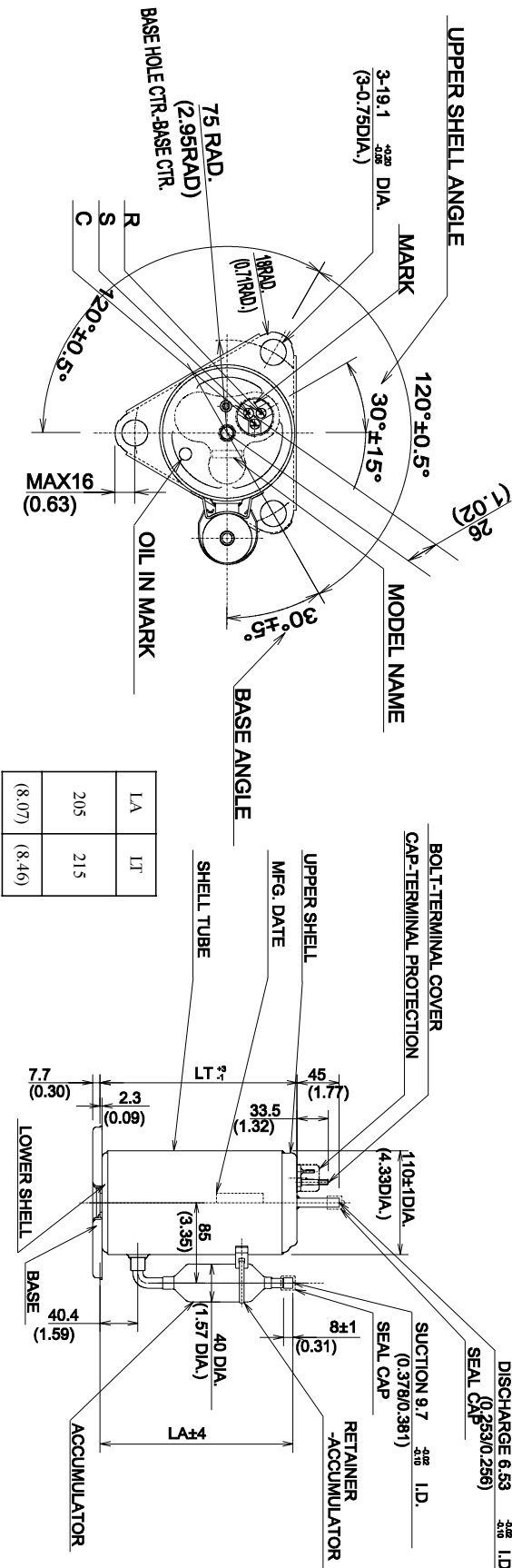
EVAP. TEMP.

35° F	Btu/hr	5175	4965	4715	4430	4100
	Watts	340	400	450	495	540
	Amperes	1.7	1.9	2.1	2.3	2.5
45° F	Btu/hr	6355	6085	5775	5415	5005
	Watts	340	400	455	510	560
	Amperes	1.7	1.9	2.1	2.4	2.5
55° F	Btu/hr	7695	7355	6970	6525	6025
	Watts	330	395	455	515	570
	Amperes	1.6	1.9	2.1	2.4	2.6

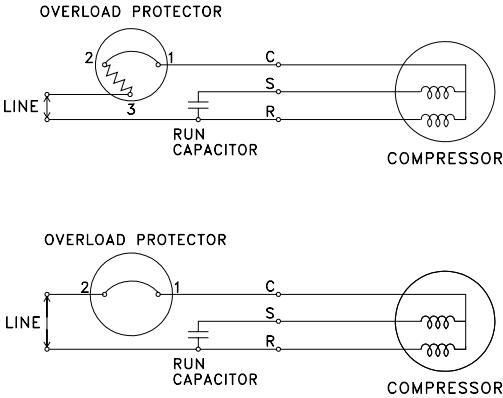
²Contact Panasonic for value.

2R10S3R276A-6A
220/240 V, 50 Hz R-22

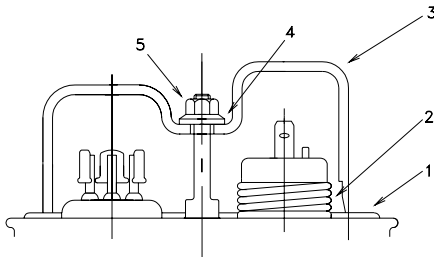
BTU 5,000



WIRING DIAGRAM

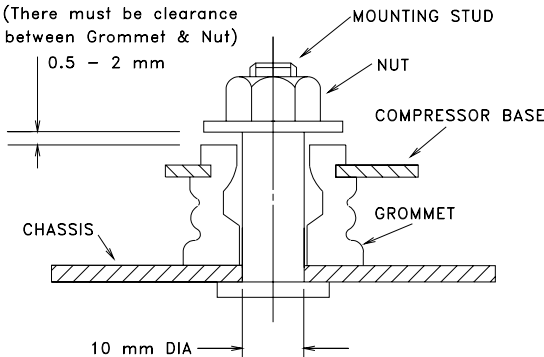


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R10S3R276A-6A
220/240 V, 50 Hz R-22

2R10S3R276A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
(C)	19.4 oz.	550 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
(C)	14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170821-B(2)	

Rated Performance @220V/240V¹

Capacity	5,415/5,455 Btu/hr
Motor Input	510/525 Watts
Current	2.35/2.25 Amperes
E.E.R.	10.62/10.39 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	9.5 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	8.8 fl. oz.	260 cc
Net Weight	19.2 lb	8.7 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	10/11 A at 220/240 V	
Winding Resistance	Main: 5.525Ω, Aux: 5.250Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

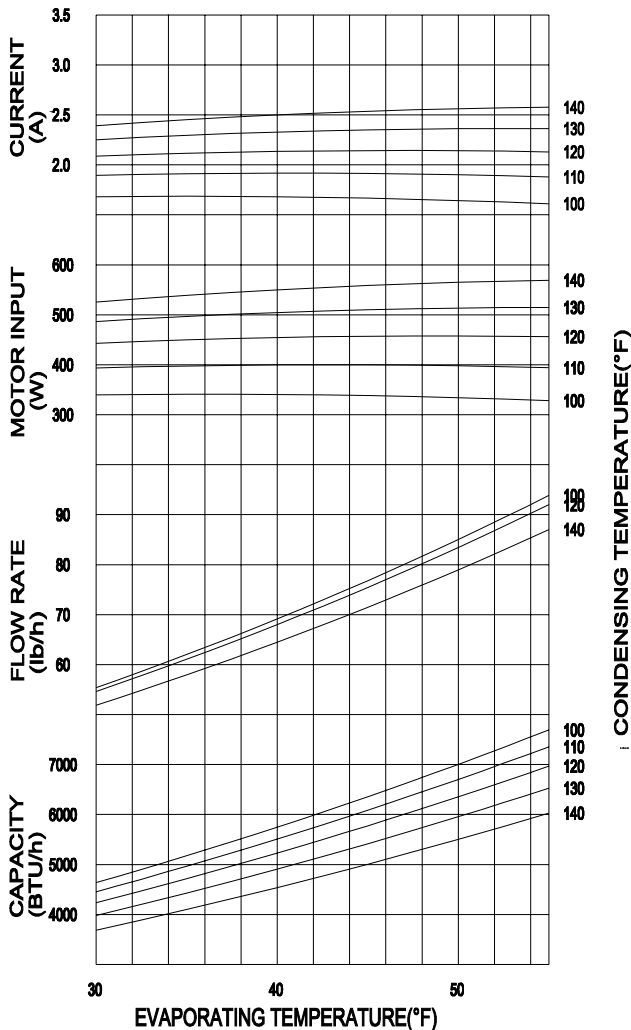
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100543
Texas Instrument part #	MRA 99017
Run Capacitor	20 μF/370 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



BTU 5,000

Performance Data @ 220V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
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EVAP. TEMP.

35° F	Btu/hr	5175	4965	4715	4430	4100
	Watts	340	400	450	495	540
	Amperes	1.7	1.9	2.1	2.3	2.5

45° F	Btu/hr	6355	6085	5775	5415	5005
	Watts	340	400	455	510	560
	Amperes	1.7	1.9	2.1	2.4	2.5

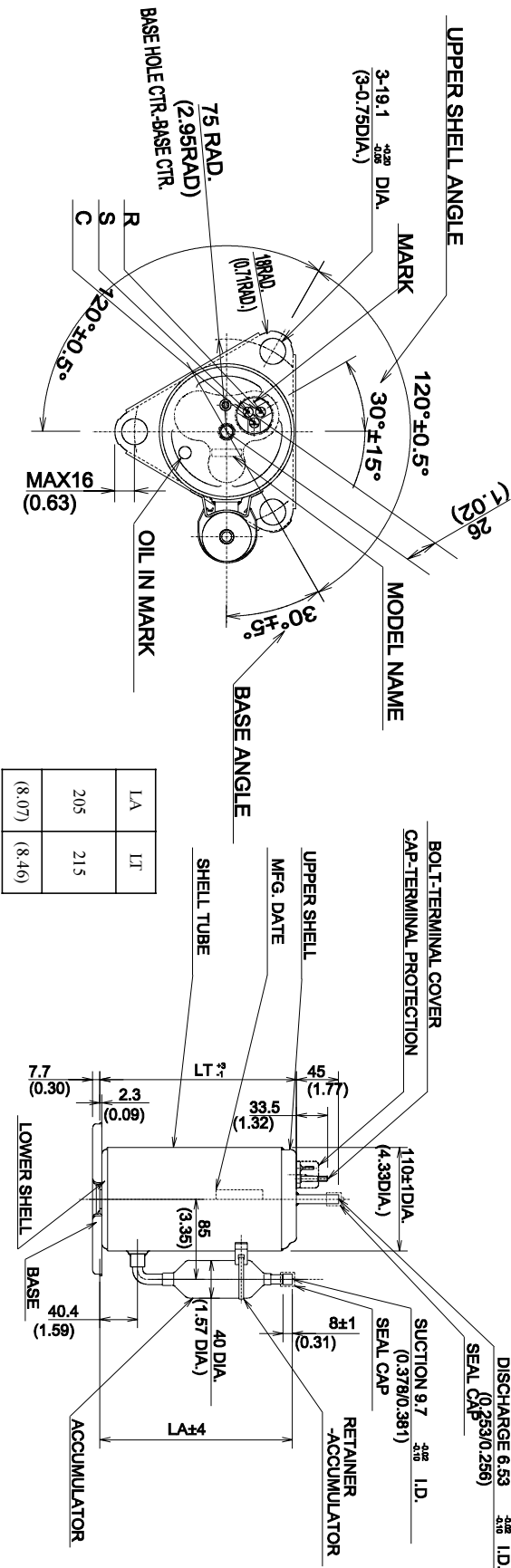
55° F	Btu/hr	7695	7355	6970	6525	6025
	Watts	330	395	455	515	570
	Amperes	1.6	1.9	2.1	2.4	2.6

²Contact Panasonic for value.

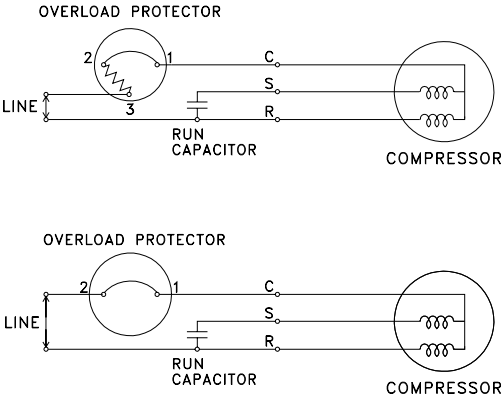
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220/240 V, 50 Hz R-22

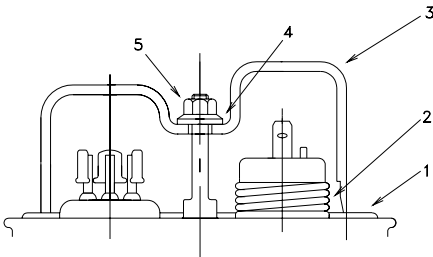
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WIRING DIAGRAM

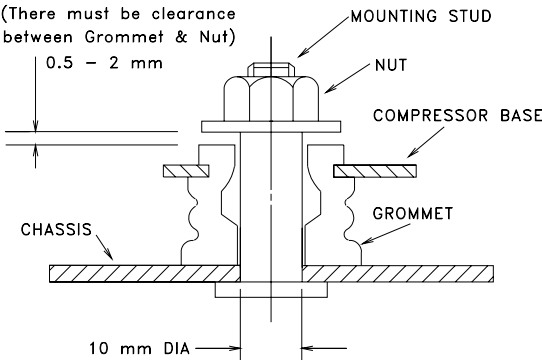


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R10S3R276A-6A
220/240 V, 50 Hz R-22

2R10S3R276A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
(C)	19.4 oz.	550 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
(C)	14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170821-B(2)	

Rated Performance @220V/240V¹

Capacity	5,415/5,455 Btu/hr
Motor Input	510/525 Watts
Current	2.35/2.25 Amperes
E.E.R.	10.62/10.39 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	9.5 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	8.8 fl. oz.	260 cc
Net Weight	19.2 lb	8.7 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	10/11 A at 220/240 V	
Winding Resistance	Main: 5.525Ω, Aux: 5.250Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

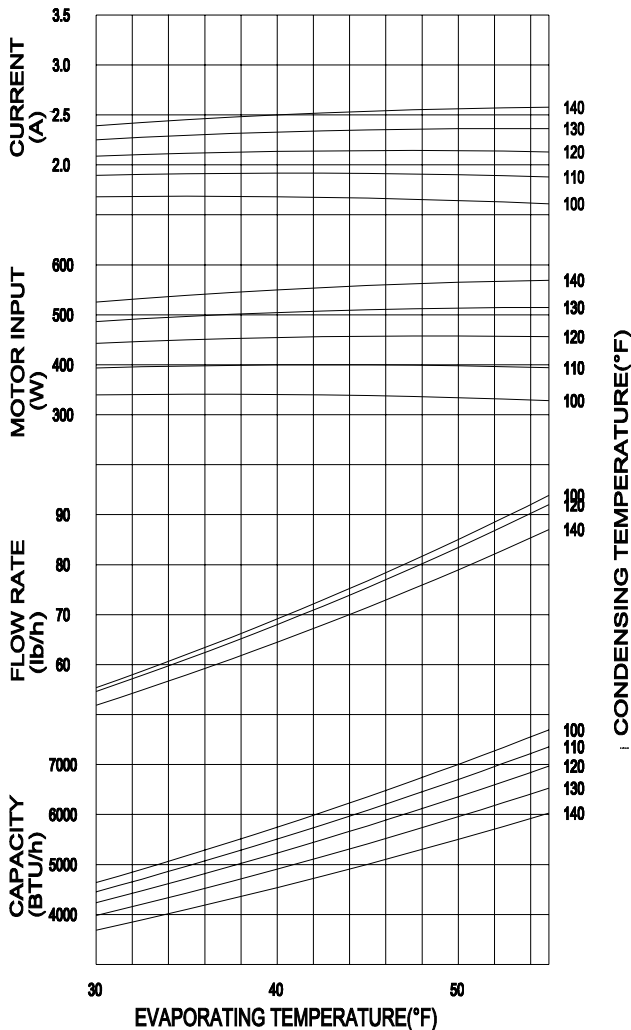
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100543
Texas Instrument part #	MRA 99017
Run Capacitor	20 μF/370 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



BTU 5,000

Performance Data @ 220V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
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EVAP. TEMP.

35° F	Btu/hr	5175	4965	4715	4430	4100
	Watts	340	400	450	495	540
	Amperes	1.7	1.9	2.1	2.3	2.5

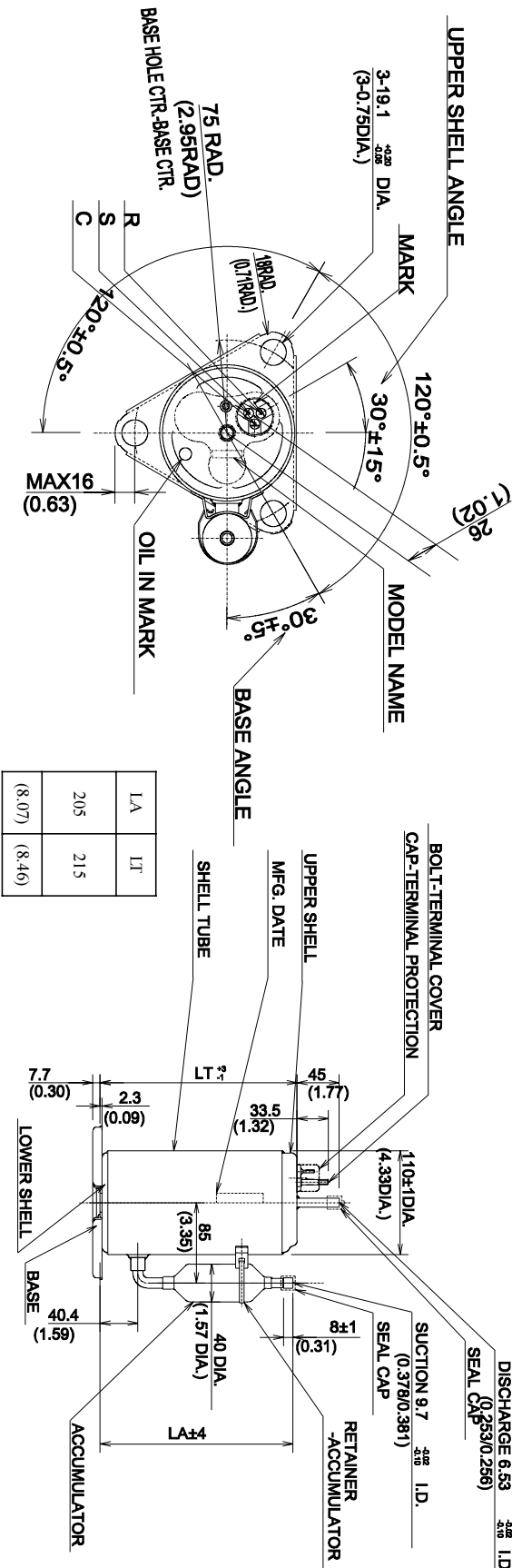
45° F	Btu/hr	6355	6085	5775	5415	5005
	Watts	340	400	455	510	560
	Amperes	1.7	1.9	2.1	2.4	2.5

55° F	Btu/hr	7695	7355	6970	6525	6025
	Watts	330	395	455	515	570
	Amperes	1.6	1.9	2.1	2.4	2.6

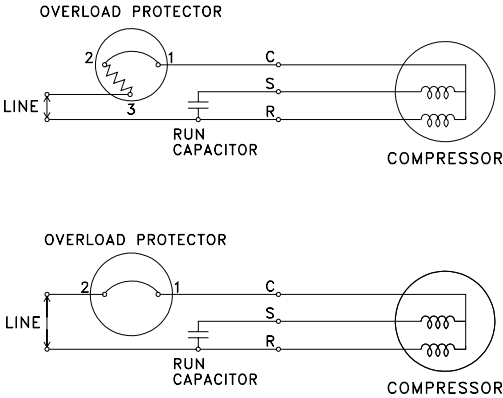
²Contact Panasonic for value.

2R10S3R276A-6A
 220/240 V, 50 Hz R-22

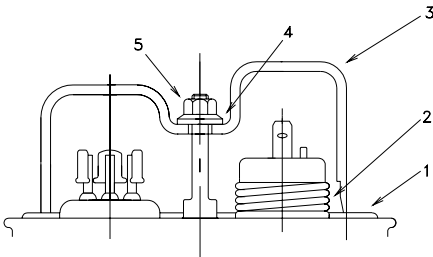
BTU 5,000



WIRING DIAGRAM

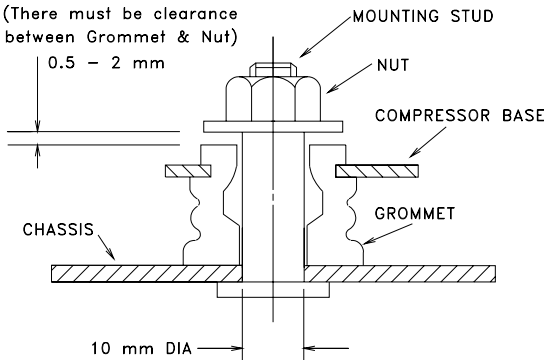


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R10U126B-6A
115 V, 60 Hz R-22

2R10U126B-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
	(C)	19.4 oz.
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F
Specification Number	SC-52171704-A	

Rated Performance¹

Capacity	6,745 Btu/hr
Motor Input	615 Watts
Current	5.6 Amperes
E.E.R.	10.97 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	9.5 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	8.8 fl. oz.	260 cc
Net Weight	19.8 lb	9.0 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	40 A at 120 V	
Winding Resistance	Main: 1.130Ω, Aux: 2.712Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

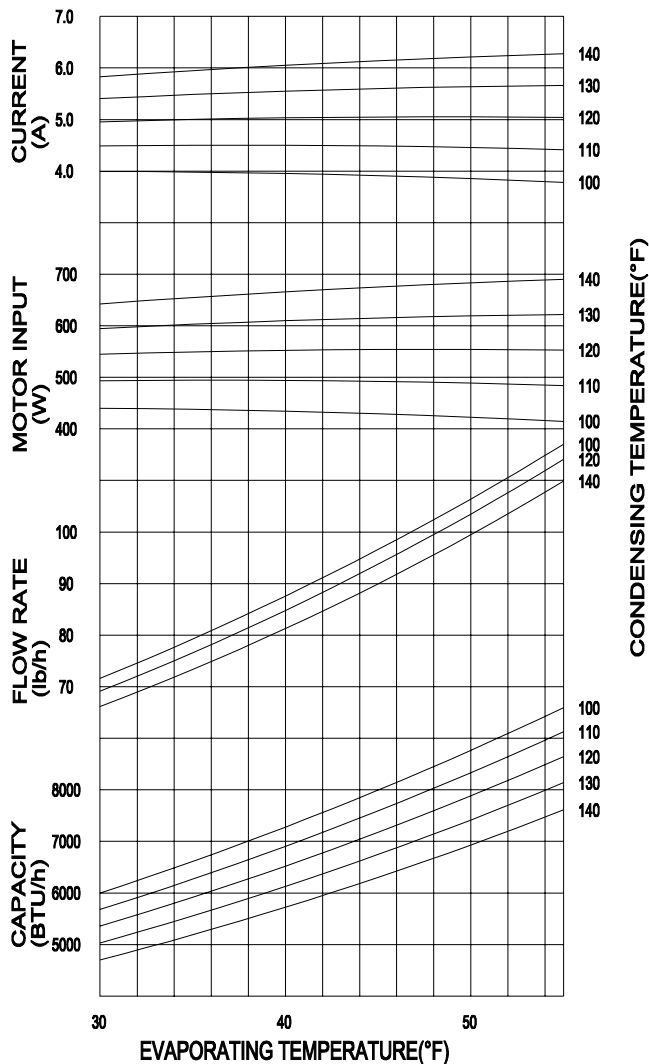
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100533 or 7100512	
Texas Instrument part #	MRA98916 or MRA98866-9201	
Run Capacitor	35 μF/250 VAC	

¹Rated @ ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

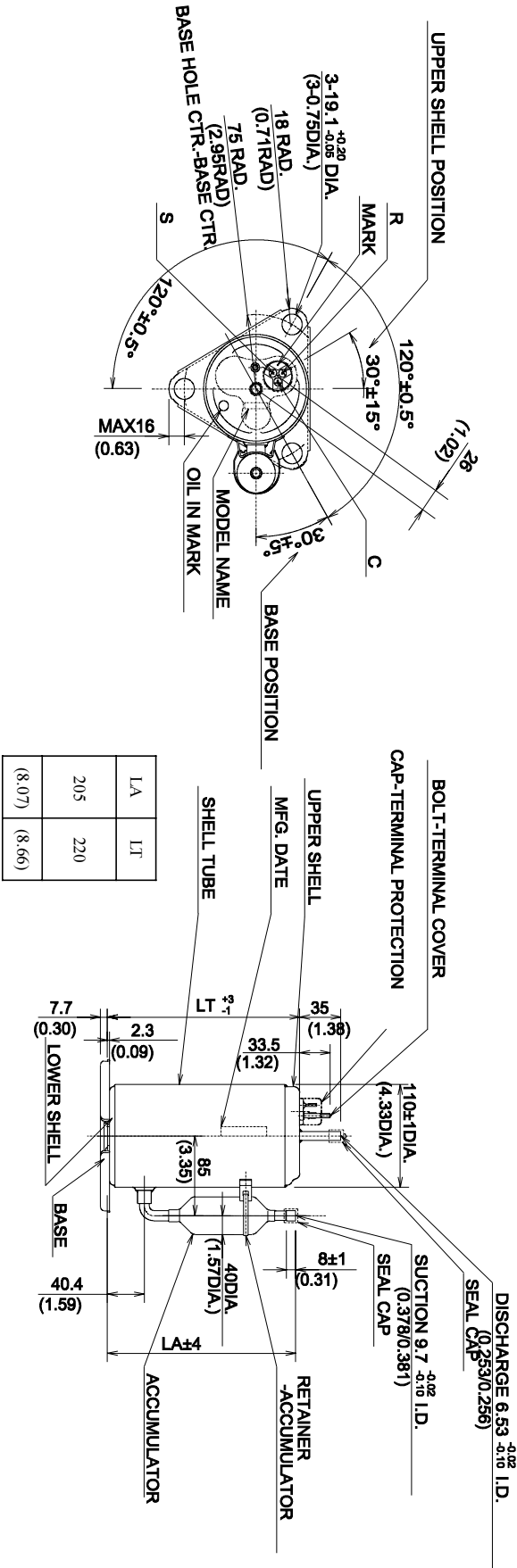
EVAP. TEMP.

35° F 1.7°C	Btu/hr	6610	6265	5915	5555	5185
	Watts	440	495	550	605	655
	Amperes	4.0	4.5	5.0	5.5	5.9
45° F 7.2°C	Btu/hr	7995	7590	7175	6745	6300
	Watts	430	490	555	615	675
	Amperes	3.9	4.5	5.0	5.6	6.1
55° F 12.8°C	Btu/hr	9590	9125	8640	8135	7605
	Watts	415	485	555	620	690
	Amperes	3.8	4.4	5.0	5.7	6.3

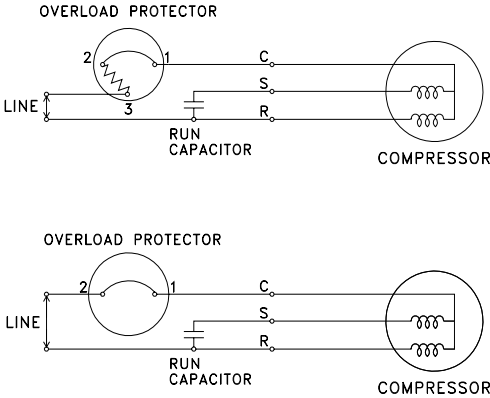
BTU 7,000

2R10U126B-6A
115 V, 60 Hz R-22

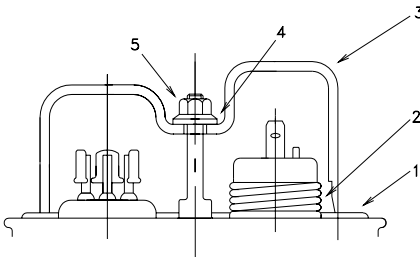
BTU 7,000



WIRING DIAGRAM

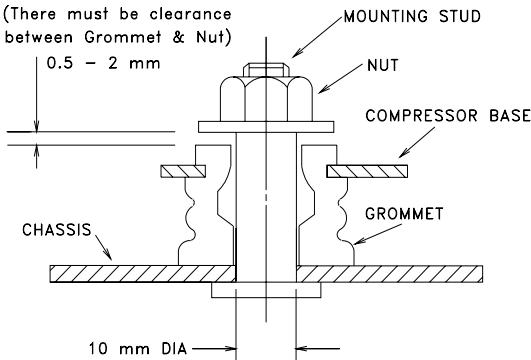


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R11U126A-6B
115 V, 60 Hz R-22

2R11U126A-6B

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
	(C) 19.4 oz.	550 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52171822-A	

Rated Performance¹

Capacity	7,280 Btu/hr
Motor Input	660 Watts
Current	6.1 Amperes
E.E.R.	11.03 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	10.3 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	8.8 fl. oz.	260 cc
Net Weight	19.8 lb	9.0 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	40 A at 120 V	
Winding Resistance	Main: 1.130Ω, Aux: 2.712Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

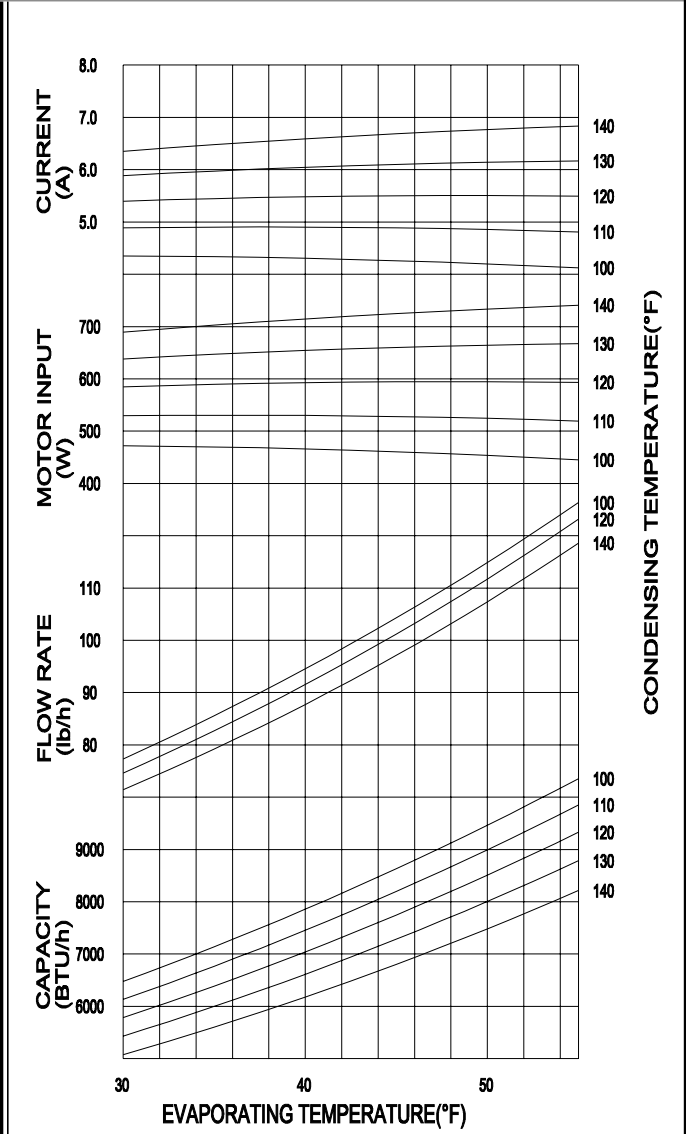
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100517	
Texas Instrument part #	MRA98705	
Run Capacitor	35 μF/230 VAC	

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

		COND. TEMP.				
		100°F	110°F	120°F	130°F	140°F
		37.8°C	43.3°C	48.9°C	54.4°C	60°C
EVAP. TEMP.						
35° F 1.7°C	Btu/hr	7138	6765	6384	5996	5599
	Watts	470	530	590	647	703
	Amperes	4.3	4.9	5.4	6.0	6.5
45° F 7.2°C	Btu/hr	8630	8194	7745	7280	6801
	Watts	461	528	594	660	725
	Amperes	4.3	4.9	5.5	6.1	6.7
55° F 12.8°C	Btu/hr	10352	9849	9326	8780	8212
	Watts	445	519	593	667	741
	Amperes	4.1	4.8	5.5	6.2	6.8

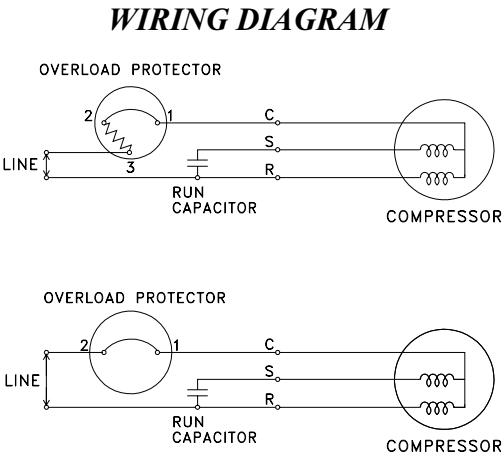
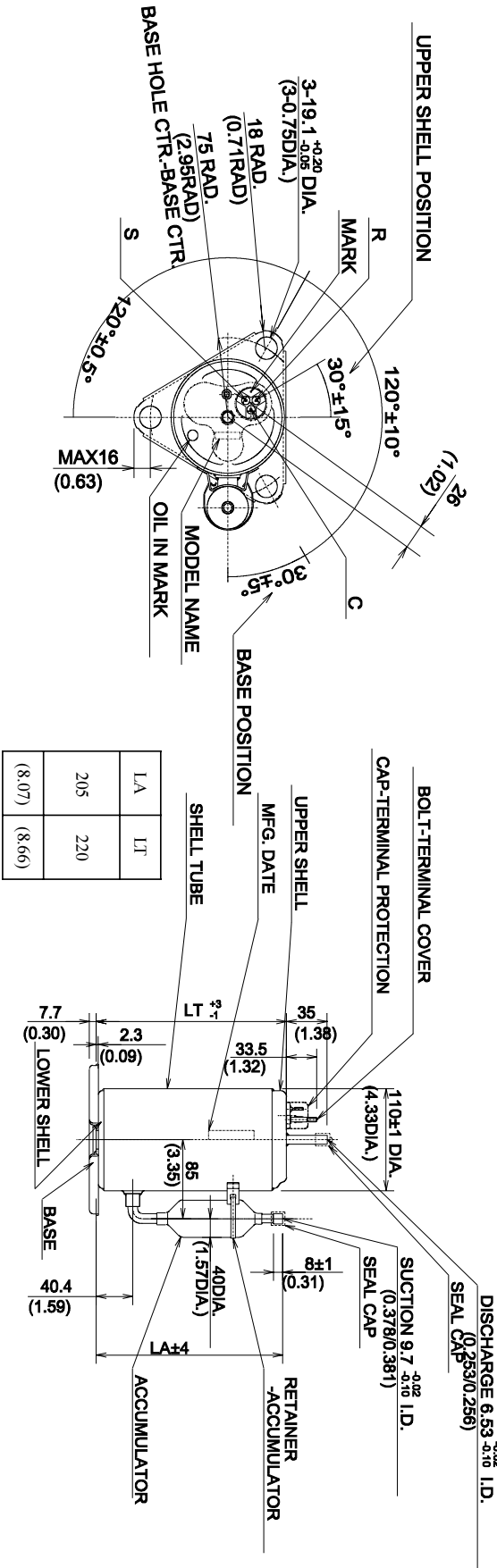
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²Contact Panasonic for value.

2R11U126A-6B

115 V, 60 Hz R-22

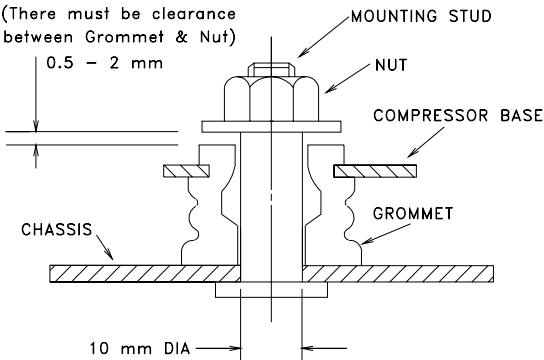
BTU 7,000



COMPRESSOR ACCESSORIES

Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R12S3R126A-6A
115 V, 60 Hz R-22

2R12S3R126A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
	(C)	19.4 oz. 550 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 54°F -10°C to 12°C
Specification Number	SC-52170444-B	

Rated Performance¹

Capacity	7,955 Btu/hr
Motor Input	740 Watts
Current	6.9 Amperes
E.E.R.	10.75 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	11.4 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	9.8 fl. oz.	290 cc
Net Weight	19.6 lb	8.9 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	42 A at 120 V	
Winding Resistance	Main: 0.949Ω, Aux: 2.867 Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

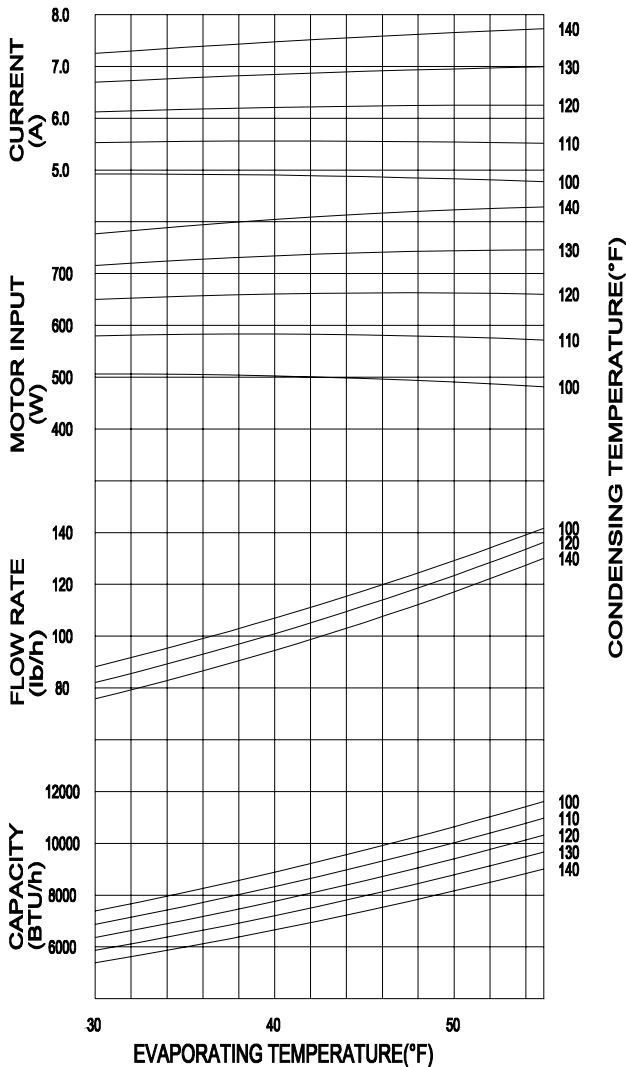
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100037 or 7100024	
Texas Instrument part #	MRA 98706 or MRA 98503	
Run Capacitor	35 μF/250 VAC	

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	8090	7560	7030	6510	6000
	Watts	505	580	655	725	795
	Amperes	4.9	5.5	6.2	6.8	7.4
45° F 7.2°C	Btu/hr	9705	9120	8535	7955	7375
	Watts	495	580	660	740	815
	Amperes	4.8	5.5	6.2	6.9	7.6
55° F 12.8°C	Btu/hr	11570	10935	10290	9645	9000
	Watts	480	570	660	745	830
	Amperes	4.7	5.4	6.2	7.0	7.7

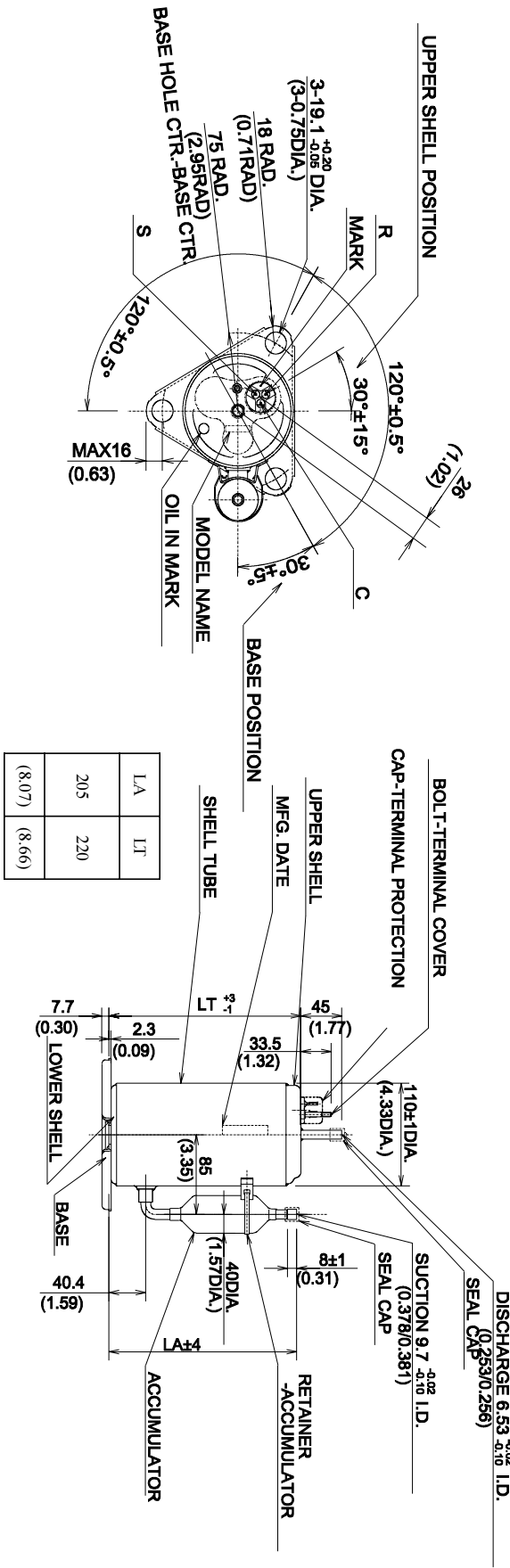
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²Contact Panasonic for value.

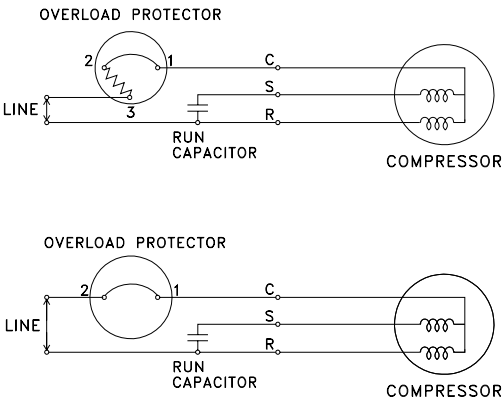
BTU 8,000

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115 V, 60 Hz R-22

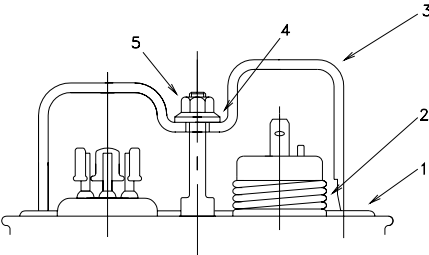
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WIRING DIAGRAM

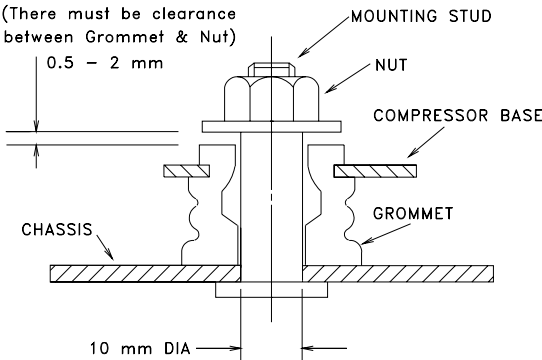


COMPRESSOR ACCESSORIES



	Accessories	Part Number
1	Gasket-Terminal Cover	7070620U
2	Spring-OLP hold down	7041200
3	Terminal Cover	7070222U
4	Gasket-Nut	7070621U
5	Nut-Terminal Cover	7080300
	Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R13S3R126A-6A
115 V, 60 Hz R-22

2R13S3R126A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680 g
	(C) 28.2 oz.	800 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170445-A	

Rated Performance¹

Capacity	8,520/8,550 Btu/hr
Motor Input	795/795 Watts
Current	7.4/7.2 Amperes
E.E.R.	10.72/10.75 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	12.4 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	9.8 fl. oz.	290 cc
Net Weight	19.8 lb	9.0 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	42 A at 120 V	
Winding Resistance	Main: 0.938Ω, Aux: 2.611Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

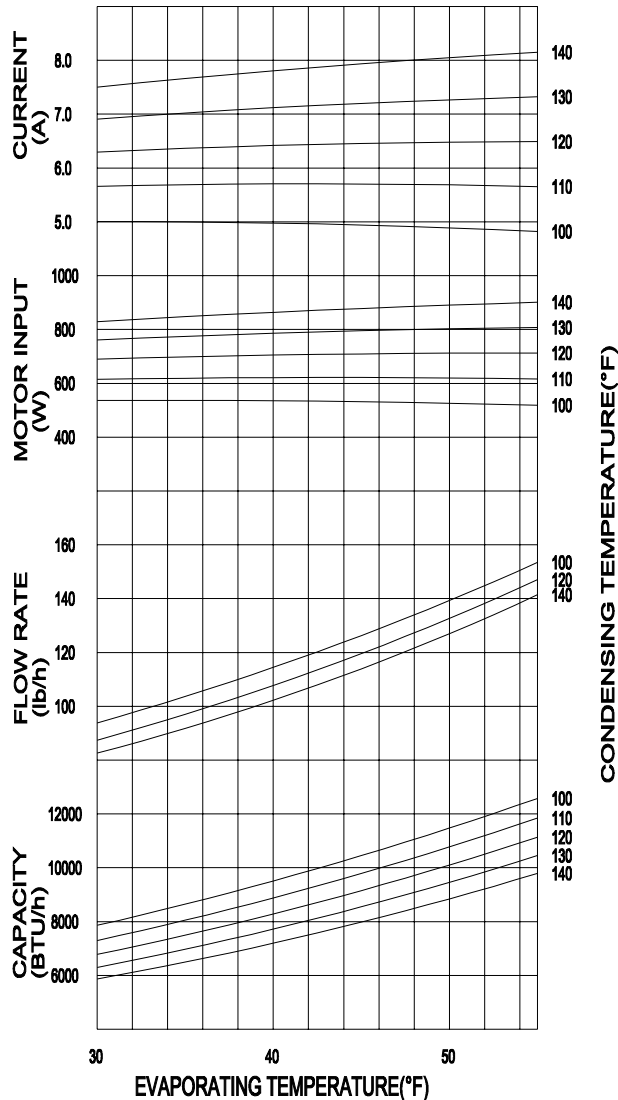
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100037 or 7100024
Texas Instrument part #	MRA 98706 or MRA 98503
Run Capacitor	35 or 40 μF/230 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	8600	8080	7545	6995	6430
	Watts	540	625	700	770	830
	Amperes	5.0	5.7	6.4	7.0	7.6
45° F 7.2°C	Btu/hr	10400	9805	9190	8550	7885
	Watts	530	625	715	795	870
	Amperes	4.9	5.7	6.5	7.2	7.9
55° F 12.8°C	Btu/hr	12475	11800	11095	10355	9585
	Watts	510	610	710	805	890
	Amperes	4.7	5.6	6.5	7.3	8.1

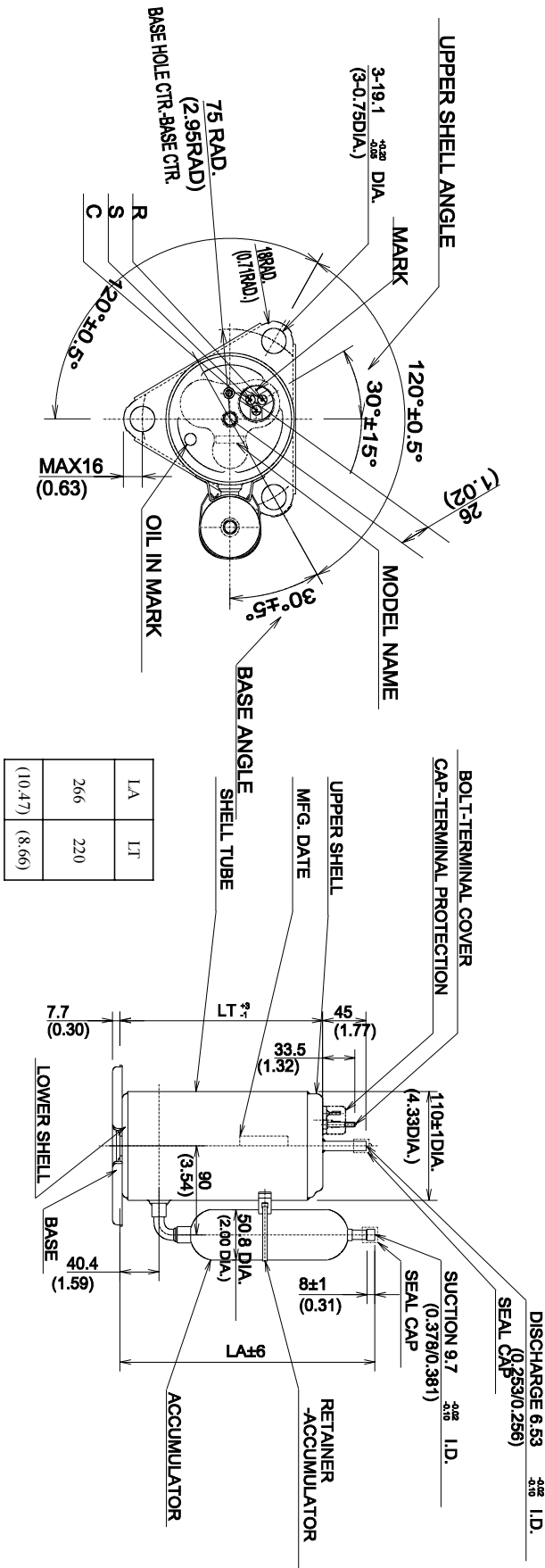
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²Contact Panasonic for value.

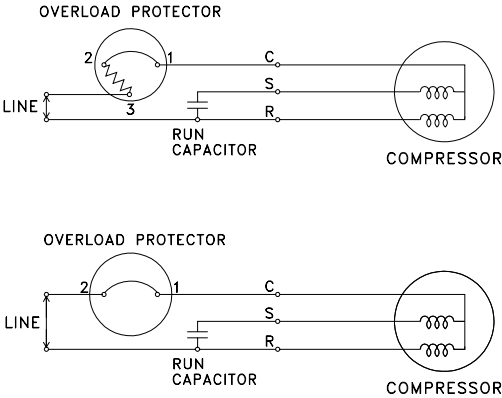
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115 V, 60 Hz R-22

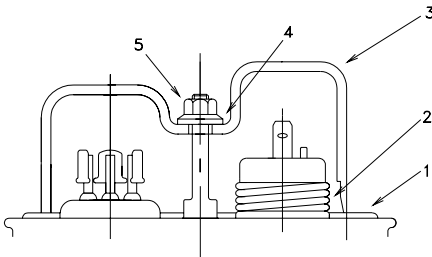
BTU 9,000



WIRING DIAGRAM

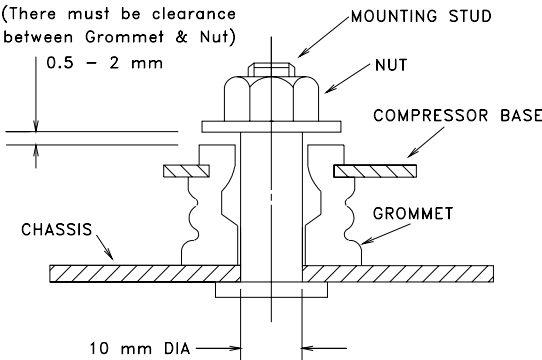


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R13S3R236A-6A
208/230 V, 60 Hz R-22

2R13S3R236A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680 g
	(C) 28.2 oz.	800 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170567-B	

Rated Performance @230V¹

Capacity	8,550 Btu/hr
Motor Input	795 Watts
Current	3.6 Amperes
E.E.R.	10.75 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	12.4 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	9.8 fl. oz.	290 cc
Net Weight	19.8 lb	9.0 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	21 A at 240 V	
Winding Resistance	Main: 3.342Ω, Aux: 5.766Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

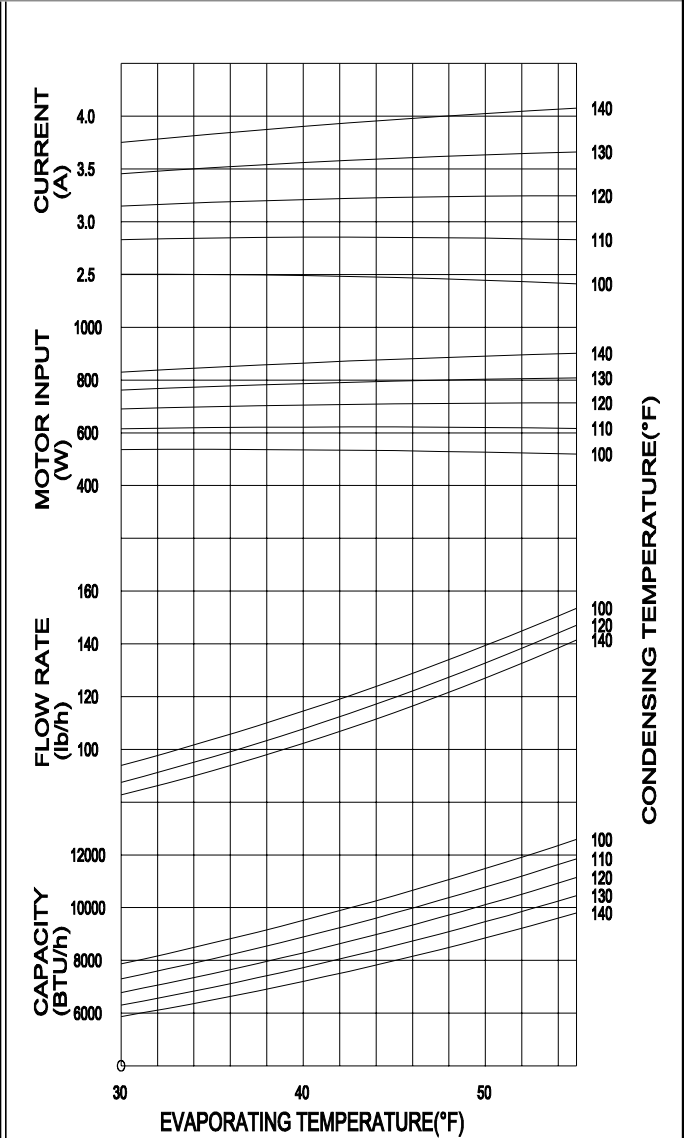
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100571 or 7100560
Texas Instrument part #	MRA 99052 or MRA 99321
Run Capacitor	15 μF/370 VAC

¹Rated @ ASRE-T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @230V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

		COND. TEMP.				
		100°F	110°F	120°F	130°F	140°F
		37.8°C	43.3°C	48.9°C	54.4°C	60°C

		EVAP. TEMP.				
		35° F	45° F	55° F	65° F	75° F
		1.7°C	7.2°C	12.8°C	18.3°C	23.9°C

35° F 1.7°C	Btu/hr	8655	8055	7495	6970	6490
	Watts	535	620	700	775	850
	Amperes	2.5	2.8	3.2	3.5	3.8
45° F 7.2°C	Btu/hr	10465	9795	9155	8550	7975
	Watts	530	620	710	795	880
	Amperes	2.5	2.9	3.2	3.6	4.0
55° F 12.8°C	Btu/hr	12595	11860	11145	10455	9795
	Watts	515	615	710	805	900
	Amperes	2.4	2.8	3.2	3.7	4.1

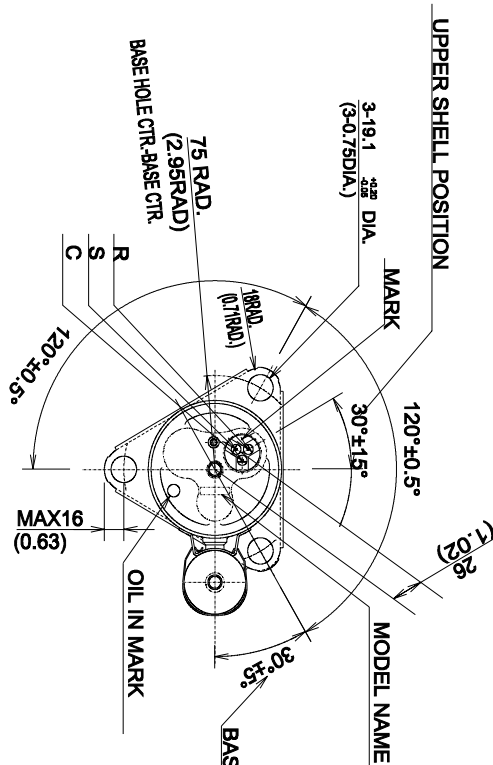
UL file no.: SA4615; CSA file no.: LR46130, LR51349, LR66348, LR76919, LR95789, LR109092

²Contact Panasonic for value.

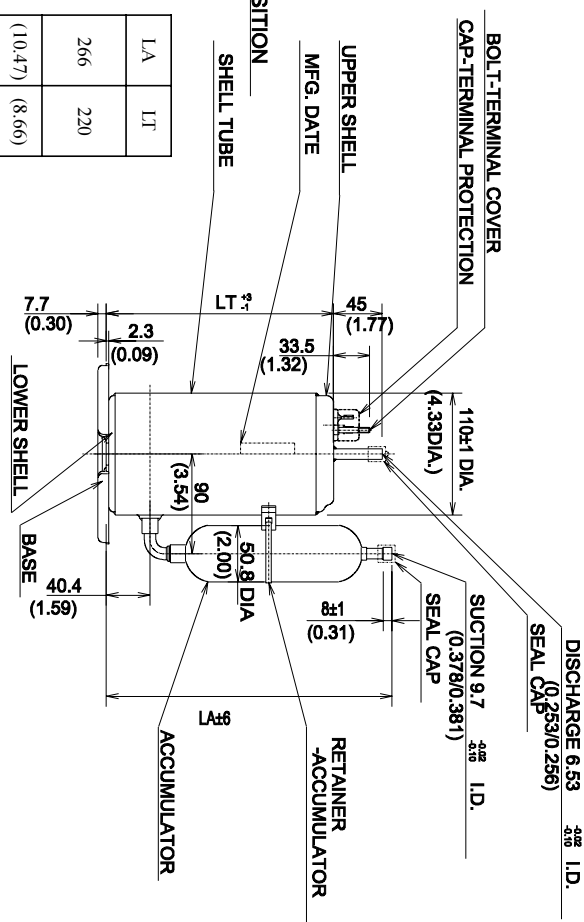
2R13S3R236A-6A

208/230 V, 60 Hz R-22

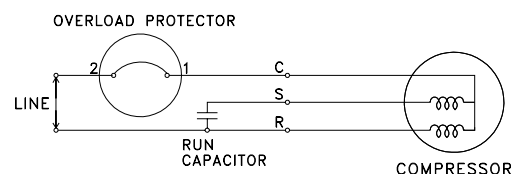
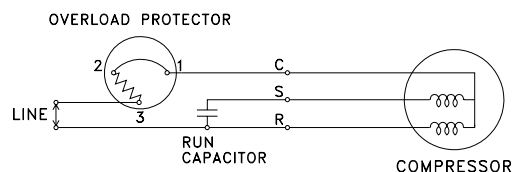
BTU 9,000



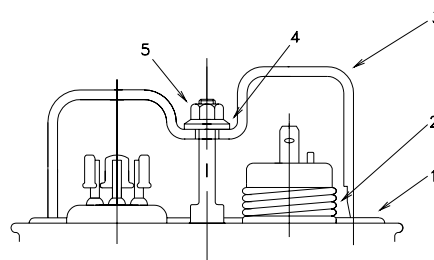
LA	LT
266	220
(10.47)	(8.66)



WIRING DIAGRAM



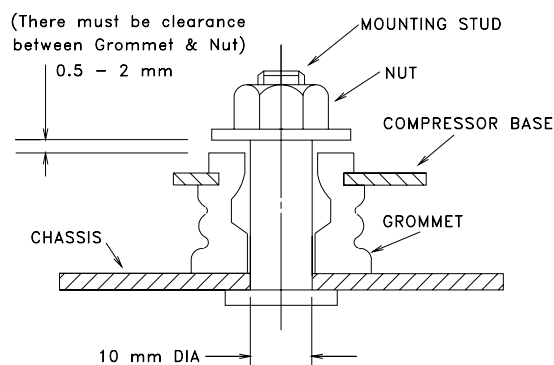
COMPRESSOR ACCESSORIES



Accessories	Part Number
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1	Gasket-Terminal Cover	7070620U
2	Spring-OLP hold down	7041200
3	Terminal Cover	7070222U
4	Gasket-Nut	7070621U
5	Nut-Terminal Cover	7080300
	Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R13S3R236A-6A
208/230 V, 60 Hz R-22

2R13S3R236A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680 g
	(C)	28.2 oz. 800 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170567-B	

Rated Performance @230V¹

Capacity	8,550 Btu/hr
Motor Input	795 Watts
Current	3.6 Amperes
E.E.R.	10.75 Btu/hr/ W

Compressor Data

Pump Type	Rotary
Displacement	12.4 cc/rev
Oil	ATMOS M60 or equivalent
Oil Charge (Precharged)	9.8 fl. oz. 290 cc
Net Weight	19.8 lb 9.0 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	21 A at 240 V
Winding Resistance	Main: 3.342Ω, Aux: 5.766Ω
Max. Continuous Current ²	

Maximum Operating Conditions

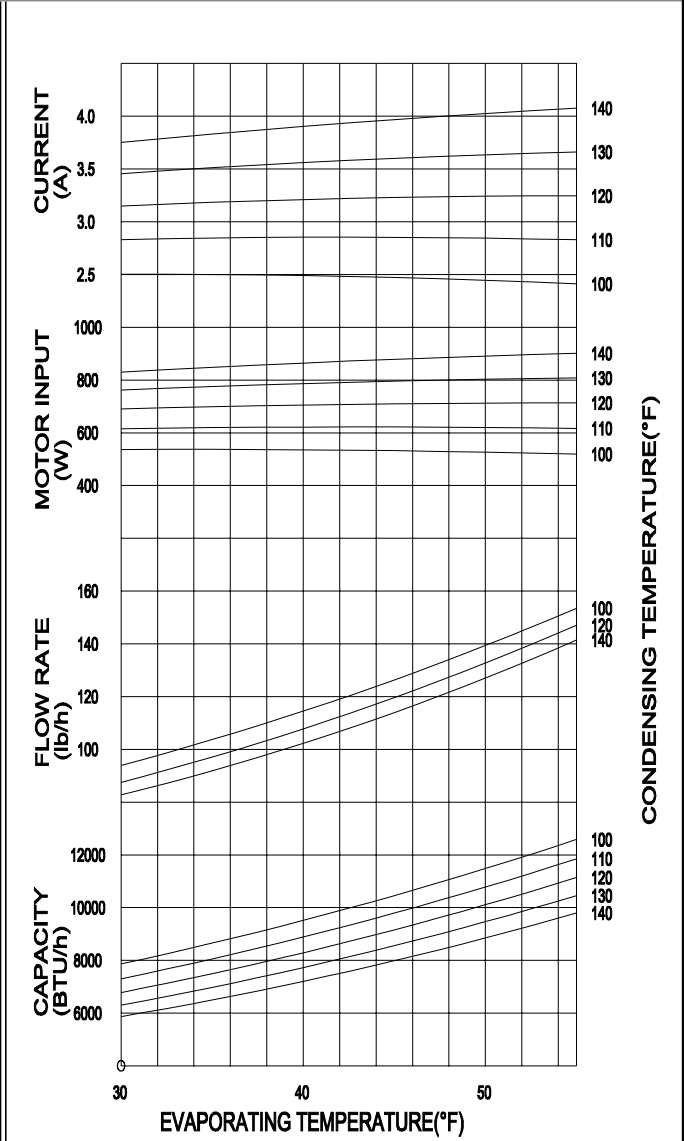
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100571 or 7100560
Texas Instrument part #	MRA 99052 or MRA 99321
Run Capacitor	15 μF/370 VAC

¹Rated @ ASRE-T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @230V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7°C	Btu/hr	8655	8055	7495	6970	6490
	Watts	535	620	700	775	850
	Amperes	2.5	2.8	3.2	3.5	3.8
45° F 7.2°C	Btu/hr	10465	9795	9155	8550	7975
	Watts	530	620	710	795	880
	Amperes	2.5	2.9	3.2	3.6	4.0
55° F 12.8°C	Btu/hr	12595	11860	11145	10455	9795
	Watts	515	615	710	805	900
	Amperes	2.4	2.8	3.2	3.7	4.1

UL file no.: SA4615; CSA file no.: LR46130, LR51349, LR66348, LR76919, LR95789, LR109092

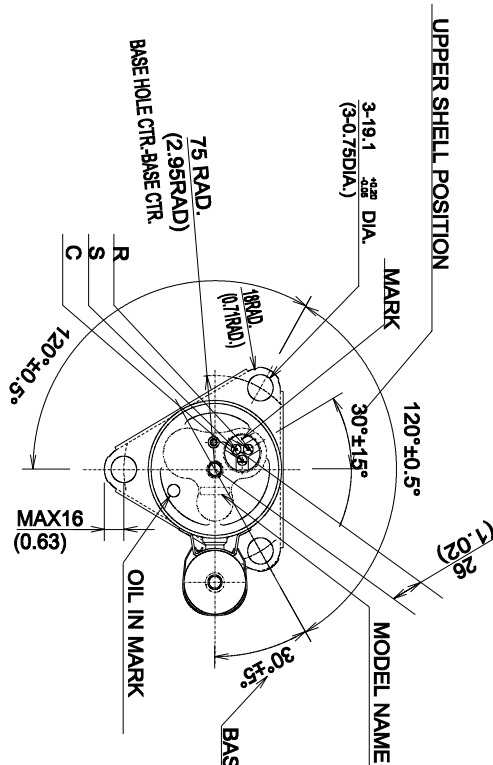
²Contact Panasonic for value.

BTU 9,000

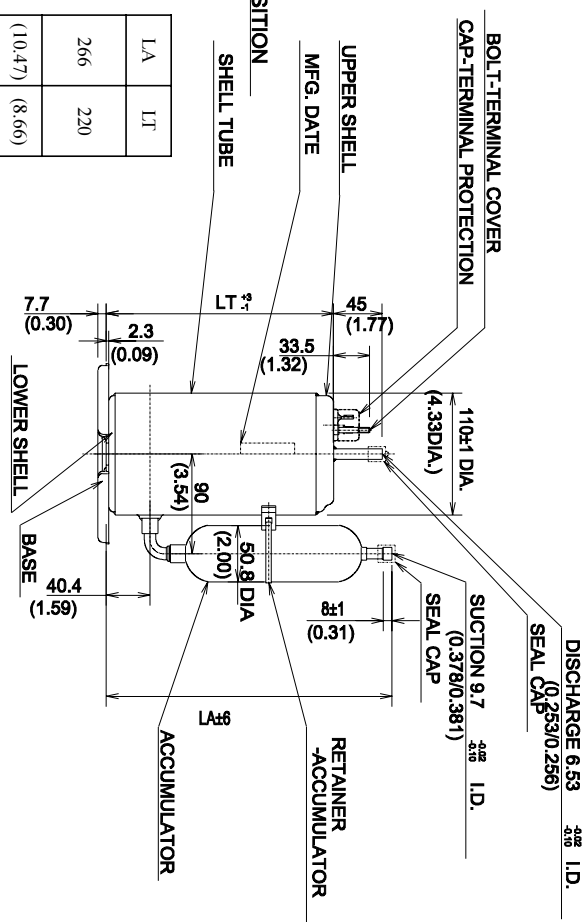
2R13S3R236A-6A

208/230 V, 60 Hz R-22

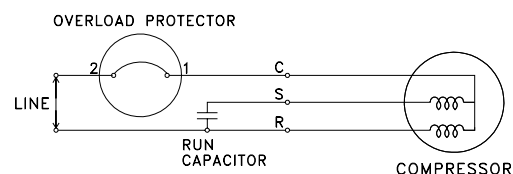
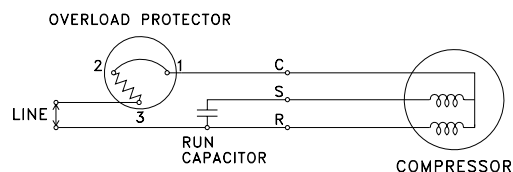
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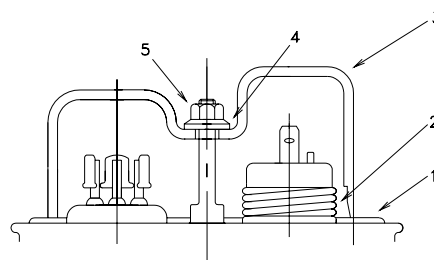
LA	LT
266	220
(10.47)	(8.66)



WIRING DIAGRAM



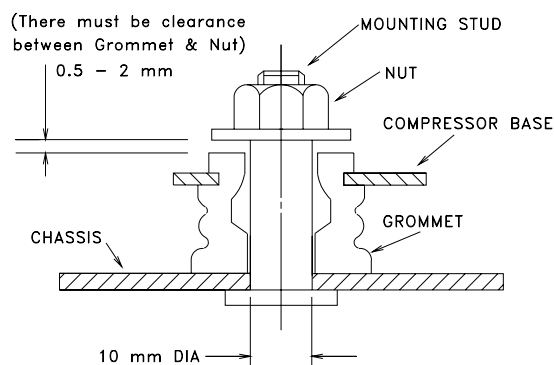
COMPRESSOR ACCESSORIES



Accessories	Part Number
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1	Gasket-Terminal Cover	7070620U
2	Spring-OLP hold down	7041200
3	Terminal Cover	7070222U
4	Gasket-Nut	7070621U
5	Nut-Terminal Cover	7080300
	Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R13S3R276A-6A
265/277 V, 60 Hz R-22

2R13S3R276A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	24.0 oz.	680 g
	(C) 28.2 oz.	800 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C) 14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-51171001-A	

Rated Performance @265V¹

Capacity	8,550 Btu/hr
Motor Input	795 Watts
Current	3.0 Amperes
E.E.R.	10.75 Btu/hr/ W

Compressor Data

Pump Type	Rotary
Displacement	12.4 cc/rev
Oil	ATMOS M60 or equivalent
Oil Charge (Precharged)	9.8 fl. oz. 290 cc
Net Weight	19.6 lb 8.9 kg

Motor Data

Motor Type	Permanent Split Capacitor
Locked Rotor Amperes	18 A at 277V
Winding Resistance	Main: 4.794Ω, Aux:5.217Ω
Max. Continuous Current ²	

Maximum Operating Conditions

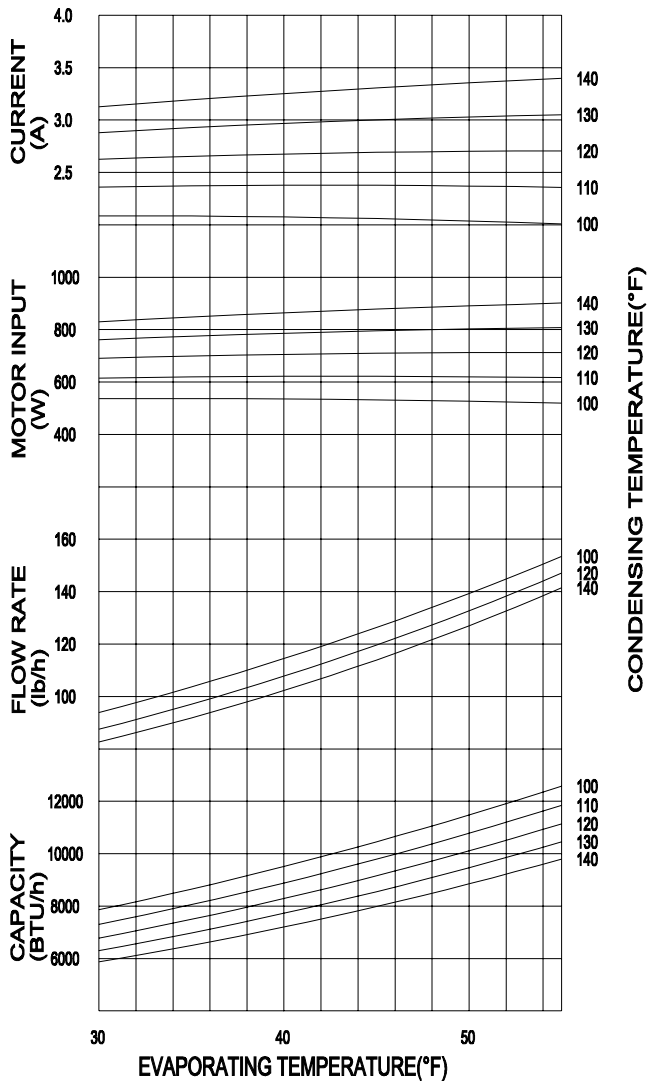
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100523
Texas Instrument part #	MRA 98967
Run Capacitor	15 μF/400 VAC

¹Rated @ ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data @265V

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35° F 1.7° C	Btu/hr	8645	8050	7490	6970	6495
	Watts	535	620	700	775	850
	Amperes	2.1	2.4	2.7	2.9	3.2

45° F 7.2° C	Btu/hr	10455	9790	9155	8550	7980
	Watts	530	620	710	795	880
	Amperes	2.1	2.4	2.7	3.0	3.3

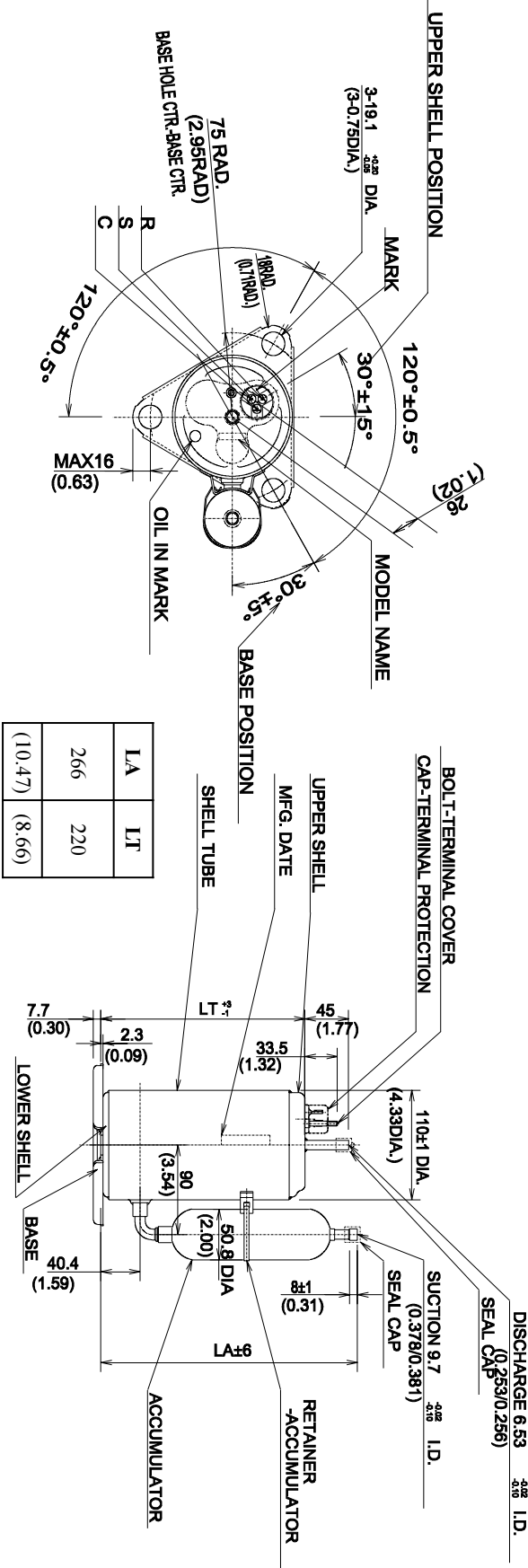
55° F 12.8° C	Btu/hr	12580	11845	11140	10455	9795
	Watts	520	615	715	810	900
	Amperes	2.0	2.4	2.7	3.1	3.4

BTU 9,000

2R13S3R276A-6A

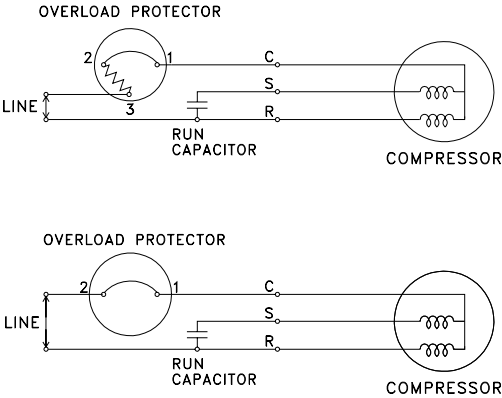
265/277 V, 60 Hz R-22

BTU 9,000

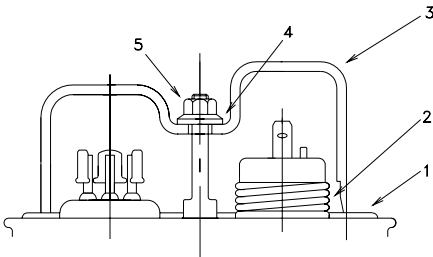


LA	LT
266	220
(10.47)	(8.66)

WIRING DIAGRAM

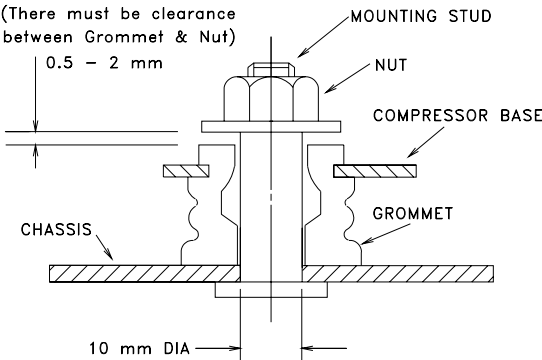


COMPRESSOR ACCESSORIES



Accessories	Part Number
1 Gasket-Terminal Cover	7070620U
2 Spring-OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket-Nut	7070621U
5 Nut-Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R7S3R126A-6A
115 V, 60 Hz R-22

2R7S3R126A-6A

Application	Cooling (C) /Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
(C)	19.4 oz.	550 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
(C)	14°F to 53.6°F	-10°C to 12°C
Specification Number	SC-52170774-B	

Rated Performance¹

Capacity	5,040 Btu/hr
Motor Input	468 Watts
Current	4.2 Amperes
E.E.R.	10.77 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	7.3 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	8.8 fl. oz.	260 cc
Net Weight	18.5 lb	8.4 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	29 A at 120 V	
Winding Resistance	Main: 1.309Ω, Aux: 2.869Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

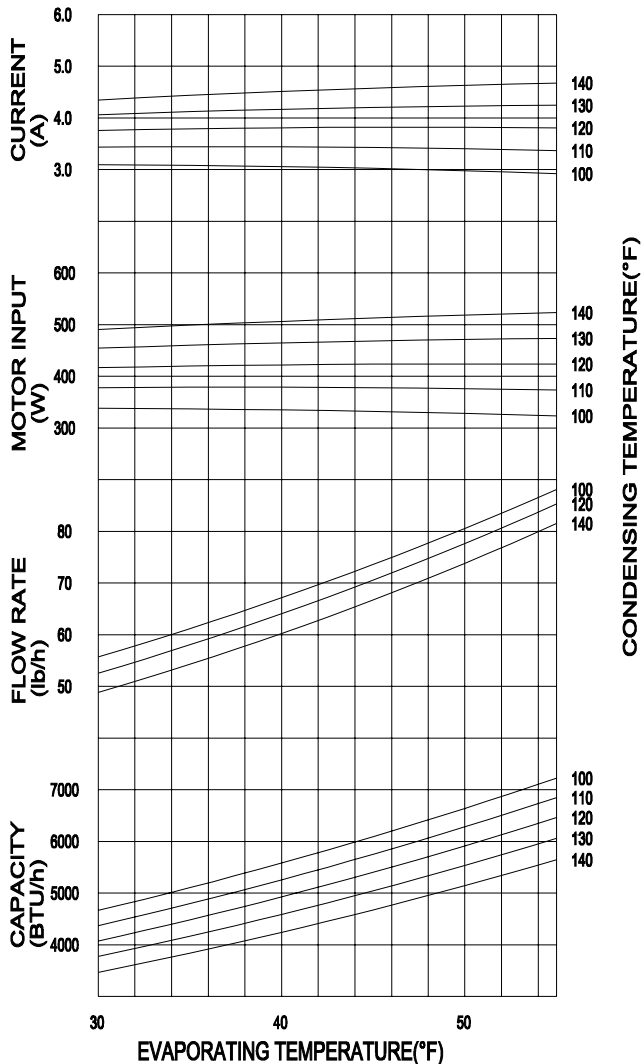
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100590
Texas Instrument part #	MRA 99087
Run Capacitor	35 μF/230 VAC

¹Rated @ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

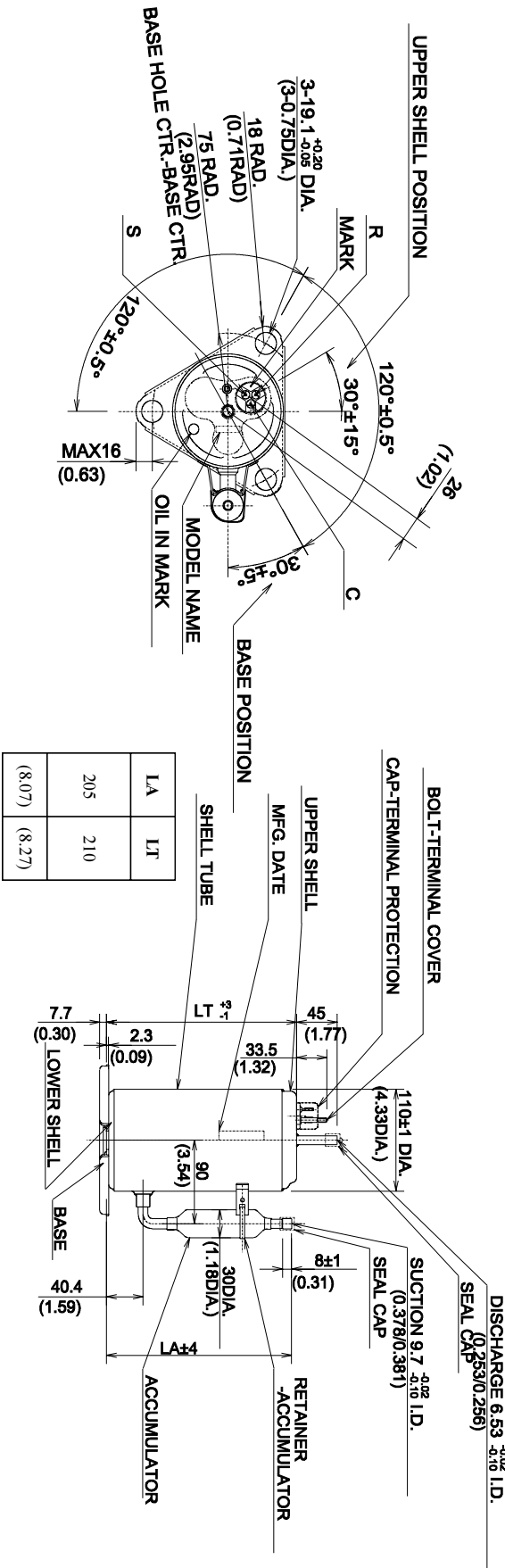
EVAP. TEMP

35° F 1.7°C	Btu/hr	5100	4795	4480	4160	3835
	Watts	335	380	420	460	500
	Amperes	3.1	3.4	3.8	4.1	4.4
45° F 7.2°C	Btu/hr	6085	5745	5400	5040	4670
	Watts	330	380	425	468	510
	Amperes	3.0	3.4	3.8	4.2	4.6
55° F 12.8°C	Btu/hr	7220	6845	6460	6060	5640
	Watts	325	375	425	475	525
	Amperes	2.9	3.4	3.8	4.2	4.7

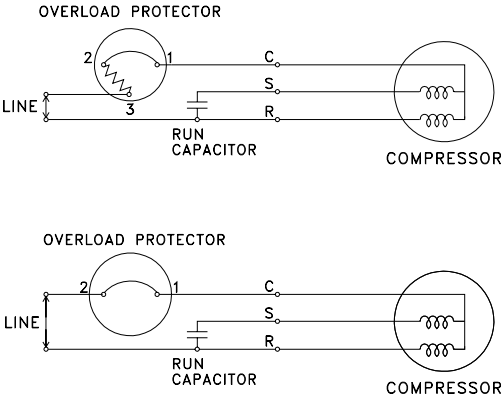
BTU 5,000

2R7S3R126A-6A
115 V, 60 Hz R-22

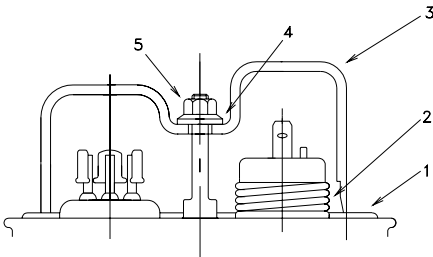
BTU 5,000



WIRING DIAGRAM

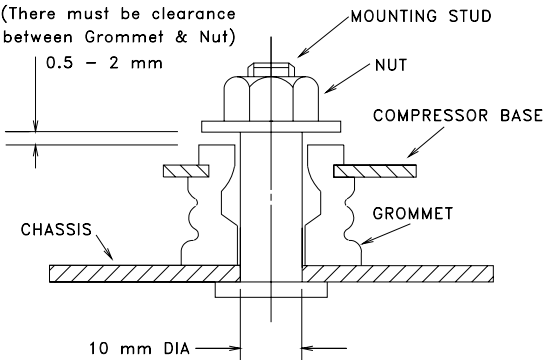


COMPRESSOR ACCESSORIES



	Accessories	Part Number
1	Gasket-Terminal Cover	7070620U
2	Spring-OLP hold down	7041200
3	Terminal Cover	7070222U
4	Gasket-Nut	7070621U
5	Nut-Terminal Cover	7080300
	Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

2R8S3R126A-6A
115 V, 60 Hz R-22

2R8S3R126A-6A

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	19.4 oz.	550 g
	(C)	16.4 oz. 465 g
Evap. Temp. Range (C/H)	5°F to 53.6°F	-15°C to 12°C
	(C)	14°F to 53.6°F -10°C to 12°C
Specification Number	SC-52170416-C	

Rated Performance¹

Capacity	5,595 Btu/hr
Motor Input	520 Watts
Current	4.8 Amperes
E.E.R.	10.76 Btu/hr/ W

Compressor Data

Pump Type	Rotary	
Displacement	8.0 cc/rev	
Oil	ATMOS M60 or equivalent	
Oil Charge (Precharged)	8.8 fl. oz.	260 cc
Net Weight	18.7 lb	8.5 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	34 A at 120 V	
Winding Resistance	Main: 1.221Ω, Aux: 2.722Ω	
Max. Continuous Current ²		

Maximum Operating Conditions

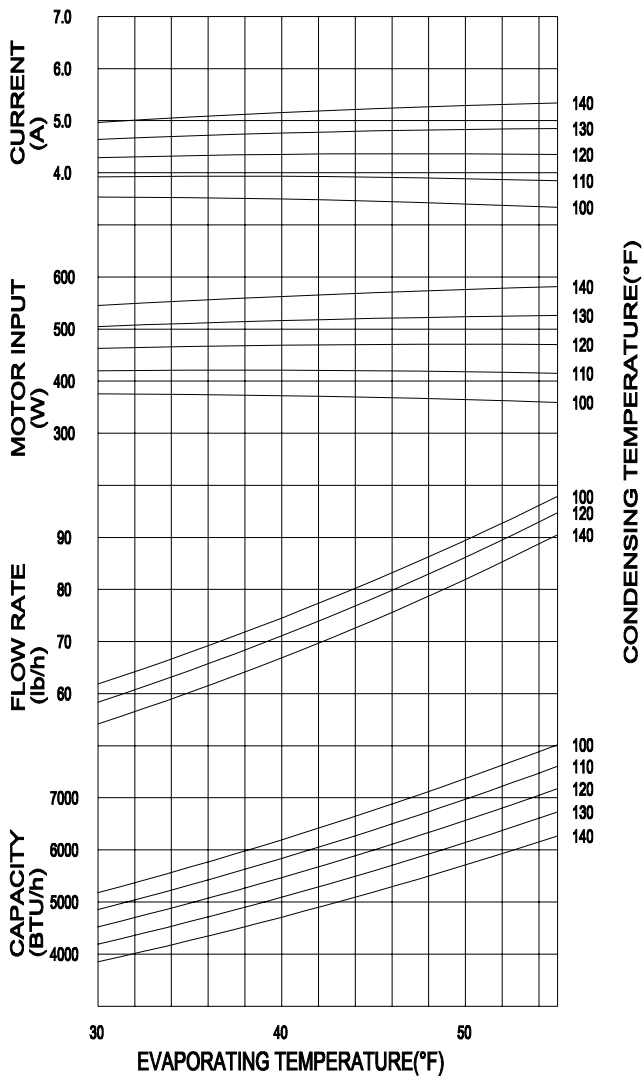
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100062 or 7100063	
Texas Instrument part #	MRA 98564 or MRA 98745	
Run Capacitor	35 μF/230 VAC	

¹Rated @ ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on:

Return gas Temp.	95°F	35.0°C
Liquid sub-cooling	15°F	8.3°C
Ambient	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

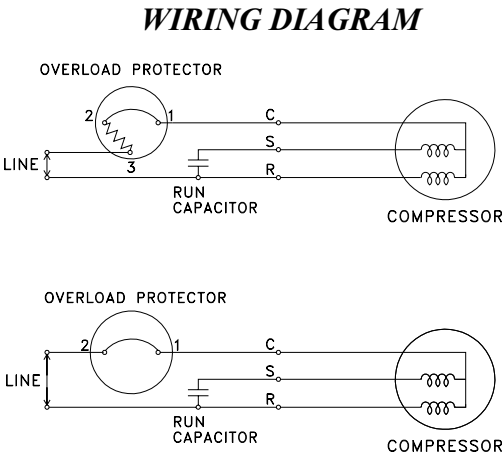
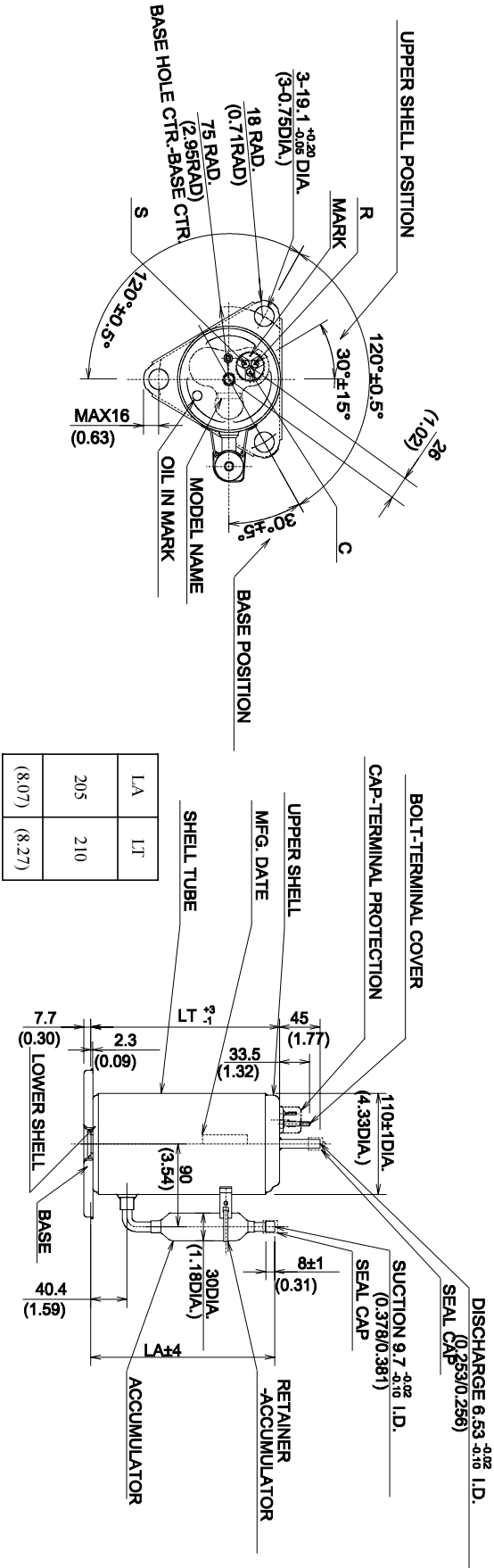
EVAP. TEMP.

35° F 1.7°C	Btu/hr	5675	5325	4970	4605	4235
	Watts	375	420	465	510	550
45° F 7.2°C	Btu/hr	6785	6400	6000	5595	5175
	Watts	365	420	470	520	565
55° F 12.8°C	Btu/hr	8055	7630	7190	6740	6270
	Watts	355	410	470	525	580
	Amperes	3.5	3.9	4.3	4.7	5.1
	Amperes	3.5	3.9	4.4	4.8	5.2
	Amperes	3.3	3.8	4.4	4.8	5.3
	Amperes	3.3	3.8	4.4	4.8	5.3

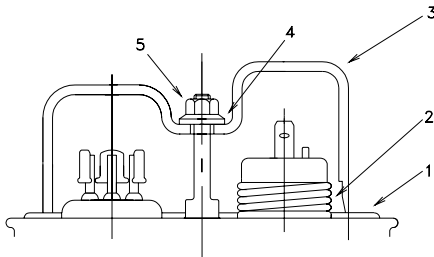
2R8S3R126A-6A

115 V, 60 Hz R-22

BTU 6,000

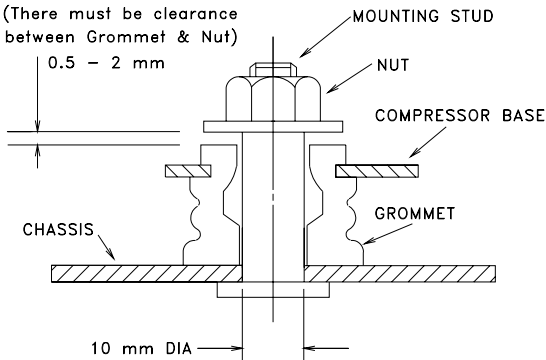


COMPRESSOR ACCESSORIES



	Accessories	Part Number
1	Gasket-Terminal Cover	7070620U
2	Spring-OLP hold down	7041200
3	Terminal Cover	7070222U
4	Gasket-Nut	7070621U
5	Nut-Terminal Cover	7080300
	Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

5RS072FAA21
208/230V, 60Hz R-410a

5RS072FAA21

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
(C)	19.4 oz.	550 g
Evaporating Temp Range (C/H)	5°F to 53.6 °F	-15°C to 12°C
(C)	14°F to 53.6 °F	-10°C to 12°C

Rated Performance at 230 V

Capacity	6,892 BTU/h
Motor Input	740 Watts
Current	3.35 Amperes

Compressor Data

Pump Type	Rotary	
Displacement	7.26 cm ³ /rev.	
Oil	FV50S (PVE) or equivalent	
Oil Charge (Precharged)	10.14 fl. oz.	300 cm ³
Net Weight	20.1 lb.	9.10 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	19 A at 240 V	
Winding Resistance ²	Main: _____Ω	Aux: _____Ω
Max. Continuous Current ²	_____	

Maximum Operating Conditions

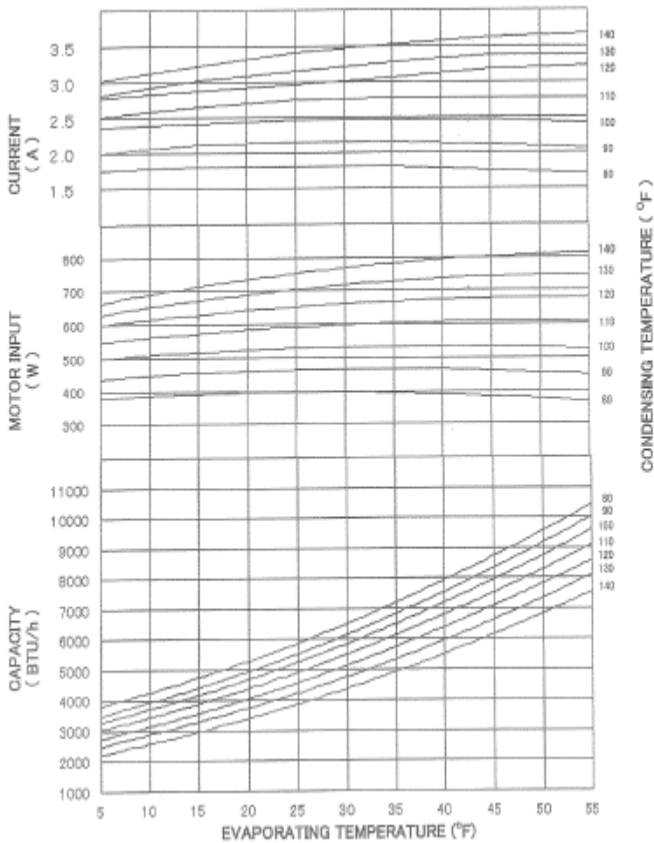
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100681
Texas Instrument part#	MRA 99212-9201
Run Capacitor	15 μF / 370 V

Rated at ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on Voltage 230 V, Frequency 60 Hz
Return Gas 65°F 18.3°C
Liquid Sub Cooling 15°F -9.4°C
Ambient, Air Over 1m/s 95°F 35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35°F 1.7°C	Btu/h	6494	6144	5754	5342	4928
	Watts	536	603	668	728	780
	Amperes	2.5	2.8	3.1	3.3	3.5

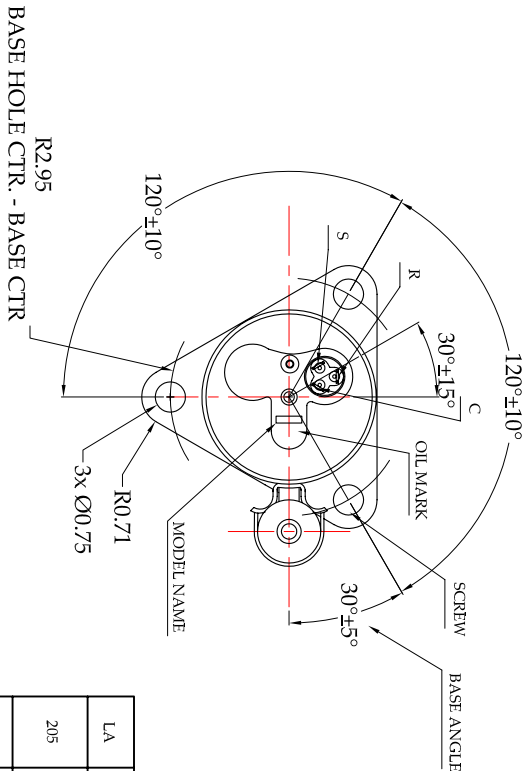
45°F 7.2°C	Btu/h	7936	7524	7094	6642	6164
	Watts	528	608	677	742	802
	Amperes	2.5	2.8	3.2	3.4	3.6

55°F 12.8°C	Btu/h	9607	9116	8597	8122	7565
	Watts	526	605	677	749	812
	Amperes	2.4	2.8	3.2	3.4	3.7

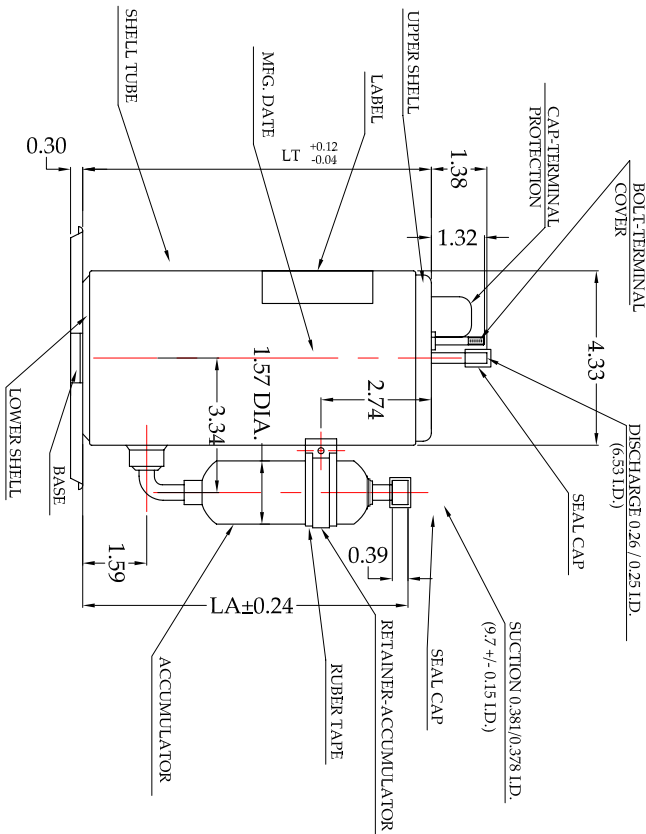
5RS072FAA21

208 / 230 V , 60 Hz R410A

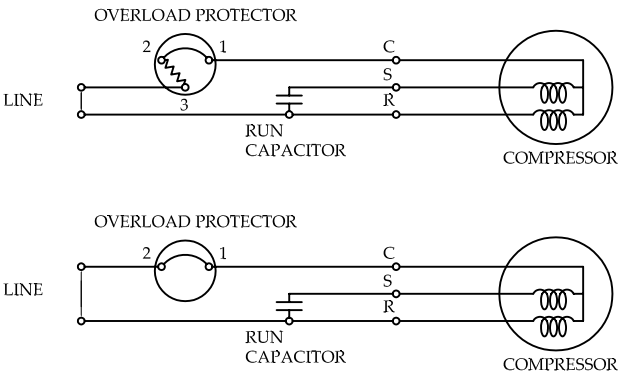
BTU 7,000



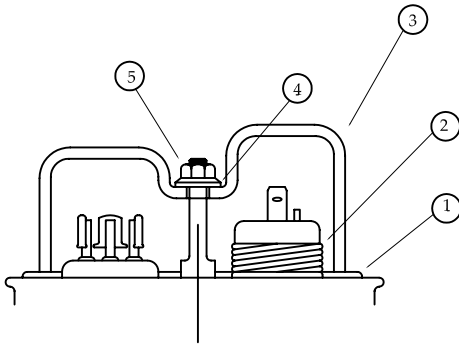
LA	LT
205	220
(8.07)	(8.66)



WIRING DIAGRAM

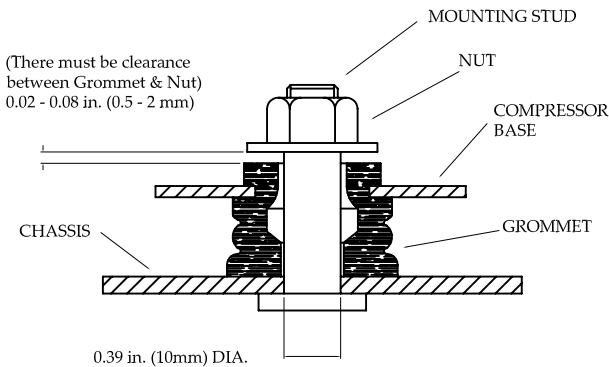


COMPRESSOR ACCESSORIES



ACCESSORIES	PART NUMBER
1 Gasket-Terminal Cover	7070620U
2 Spring - OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket - Nut	7070621U
5 Nut - Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

5RS072UAB21
115V, 60Hz R-410a

5RS072UAB21

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	16.4 oz.	465 g
(C)	19.4 oz.	550 g
Evaporating Temp Range (C/H)	5°F to 53.6 °F	-15°C to 12°C
(C)	14°F to 53.6 °F	-10°C to 12°C

Rated Performance at 115 V

Capacity	6,926 BTU/h
Motor Input	720 Watts
Current	6.60 Amperes

Compressor Data

Pump Type	Rotary	
Displacement	7.26 cm ³ /rev.	
Oil	FV50S (PVE) or equivalent	
Oil Charge (Precharged)	10.14 fl. oz.	300 cm ³
Net Weight	20.1 lb.	9.10 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	40 A at 120 V	
Winding Resistance ²	Main: _____Ω, Aux: _____Ω	
Max. Continuous Current ²	_____	

Maximum Operating Conditions

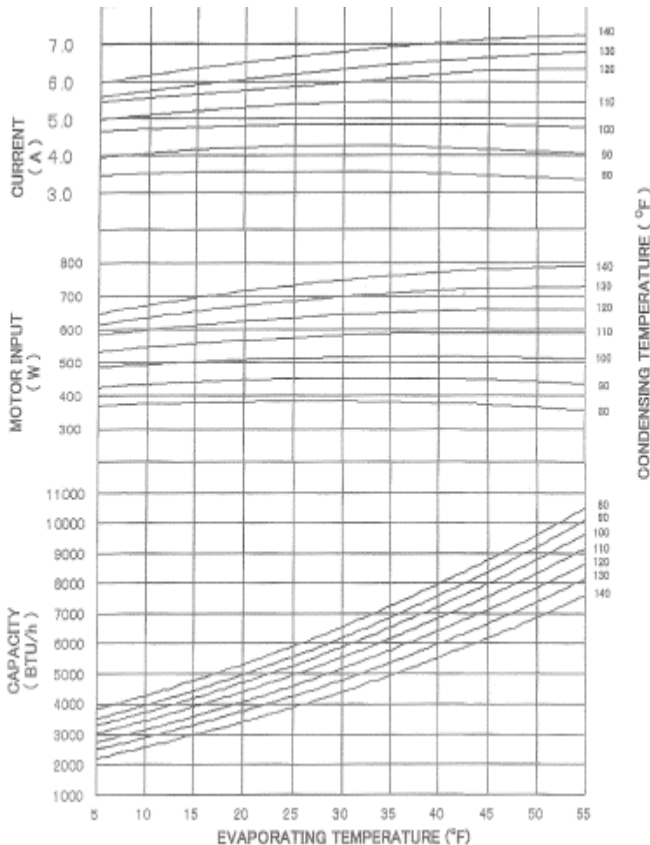
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100533
Texas Instrument part#	MRA 98866-9201
Run Capacitor	35 μF / 250 V

Rated at ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on Voltage 115 V, Frequency 60 Hz
 Return Gas 65°F 18.3°C
 Liquid Sub Cooling 15°F -9.4°C
 Ambient, Air Over 1m/s 95°F 35.0°C

		COND. TEMP.				
		100°F	110°F	120°F	130°F	140°F
		37.8°C	43.3°C	48.9°C	54.4°C	60°C
EVAP. TEMP.						
35°F 1.7°C	Btu/h	3293	3043	2756	2508	2217
	Watts	521	586	649	708	759
	Amperes	4.9	5.5	6.1	6.4	6.9
45°F 7.2°C	Btu/h	7973	7560	7127	6673	6193
	Watts	514	591	659	722	780
	Amperes	4.9	5.5	6.3	6.6	7.1
55°F 12.8°C	Btu/h	9652	9158	8638	8160	7601
	Watts	512	589	659	729	790
	Amperes	4.8	5.5	6.3	6.8	7.2

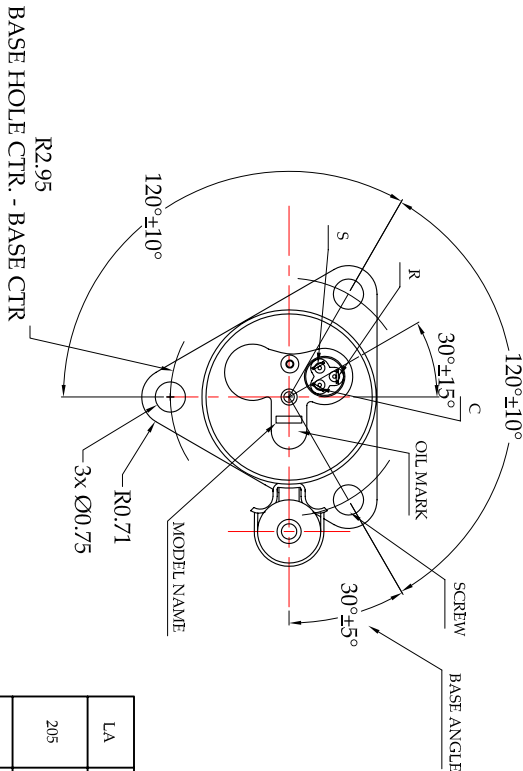
UL file no.: To Be Confirmed

²Contact Panasonic for value

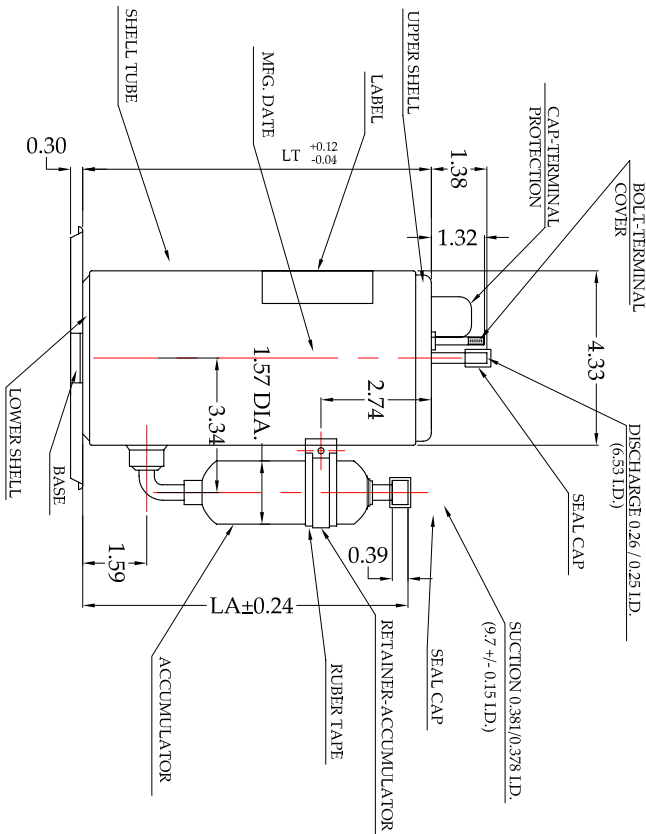
5RS072UAB21

115 V , 60 Hz R410A

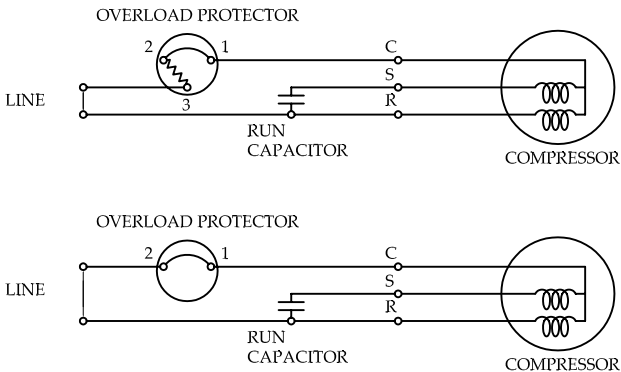
BTU 7,000



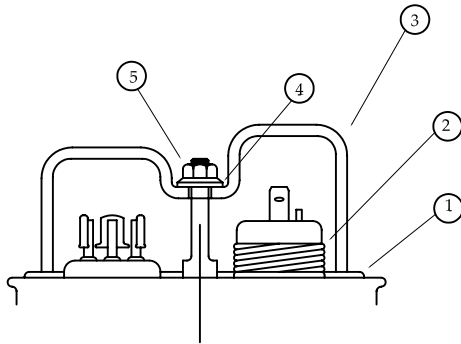
LA	LT
205	220
(8.07)	(8.66)



WIRING DIAGRAM

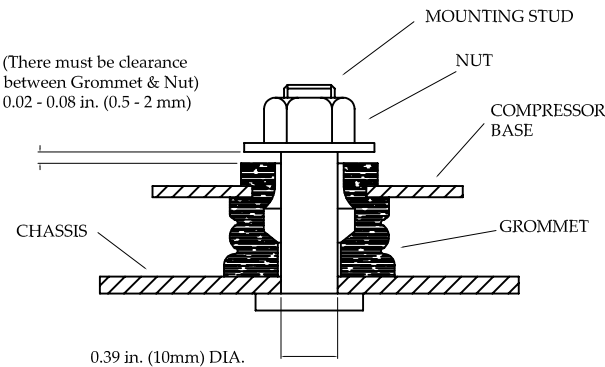


COMPRESSOR ACCESSORIES



ACCESSORIES	PART NUMBER
1 Gasket-Terminal Cover	7070620U
2 Spring - OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket - Nut	7070621U
5 Nut - Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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Panasonic Industrial Company
Air Conditioning Department

5RS084FAA21
208/230V, 60Hz R-410a

5RS084FAA21

Application	Cooling (C) / Heating (H)	
Ref. Charge Limit (C/H)	22.4 oz.	635 g
(C)	26.5 oz.	750 g
Evaporating Temp Range (C/H)	5°F to 53.6 °F	-15°C to 12°C
(C)	14°F to 53.6 °F	-10°C to 12°C

Rated Performance at 230 V

Capacity	8,155 BTU/h
Motor Input	875 Watts
Current	3.95 Amperes

Compressor Data

Pump Type	Rotary	
Displacement	8.51 cm ³ /rev.	
Oil	FV50S (PVE) or equivalent	
Oil Charge (Precharged)	10.2 fl. Oz.	300 cm ³
Net Weight	20.6 lb.	9.30 kg

Motor Data

Motor Type	Permanent Split Capacitor	
Locked Rotor Amperes	21 A at 240 V	
Winding Resistance ²	Main: ____Ω, Aux: ____Ω	
Max. Continuous Current ²	_____	

Maximum Operating Conditions

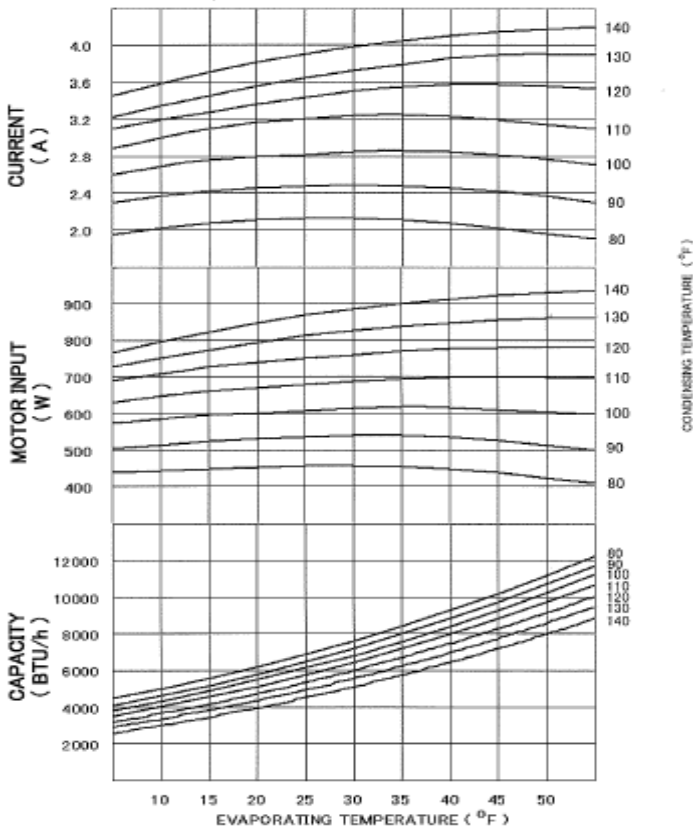
Condensing Temp.	149°F	65°C
Return Gas Temp.	95°F	35°C
Discharge Gas Temp.	239°F	115°C
Motor Wire Temp.	266°F	130°C

Electrical Components

Overload Protector	7100571
Texas Instrument part#	MRA 99052-9201
Run Capacitor	15 μF / 370 V

Rated at ASHRAE/T Conditions

Evaporating Temp.	45°F	7.2°C
Condensing Temp.	130°F	54.4°C
Return Gas Temp.	95°F	35.0°C
Liquid Temp.	115°F	46.1°C
Ambient Temp.	95°F	35.0°C



Performance Data

Based on Voltage 230 V, Frequency 60 Hz

Return Gas	65°F	18.3°C
Liquid Sub Cooling	15°F	-9.4°C
Ambient, Air Over 1m/s	95°F	35.0°C

COND. TEMP.

100°F	110°F	120°F	130°F	140°F
37.8°C	43.3°C	48.9°C	54.4°C	60°C

EVAP. TEMP.

35°F 1.7°C	Btu/h	7588	7178	6723	6242	5758
	Watts	617	694	769	838	899
	Amperes	2.9	3.3	3.6	3.8	4.1

45°F 7.2°C	Btu/h	9273	8792	8289	7760	7202
	Watts	609	700	780	855	924
	Amperes	2.8	3.2	3.6	3.9	4.1

55°F 12.8°C	Btu/h	11225	10651	10046	9490	8839
	Watts	600	697	780	863	935
	Amperes	2.7	3.1	3.5	3.9	4.2

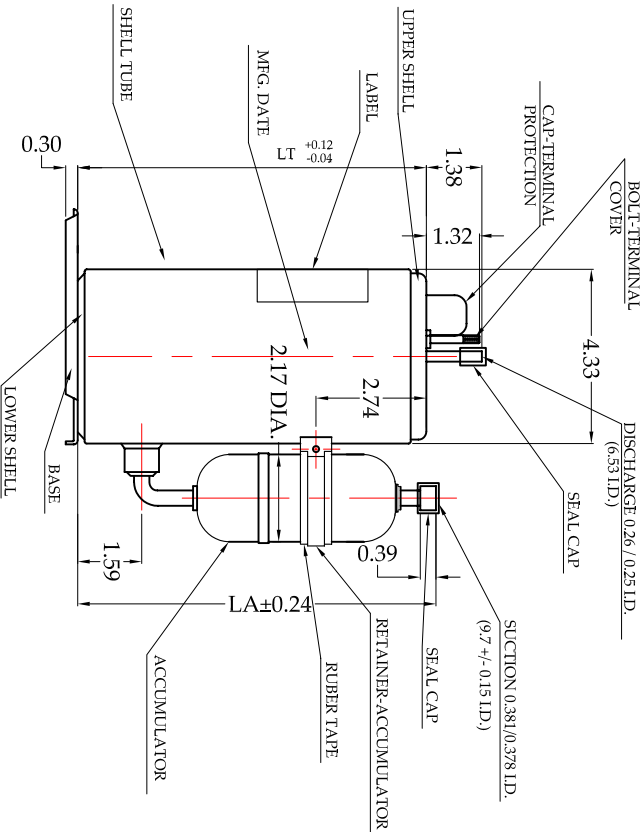
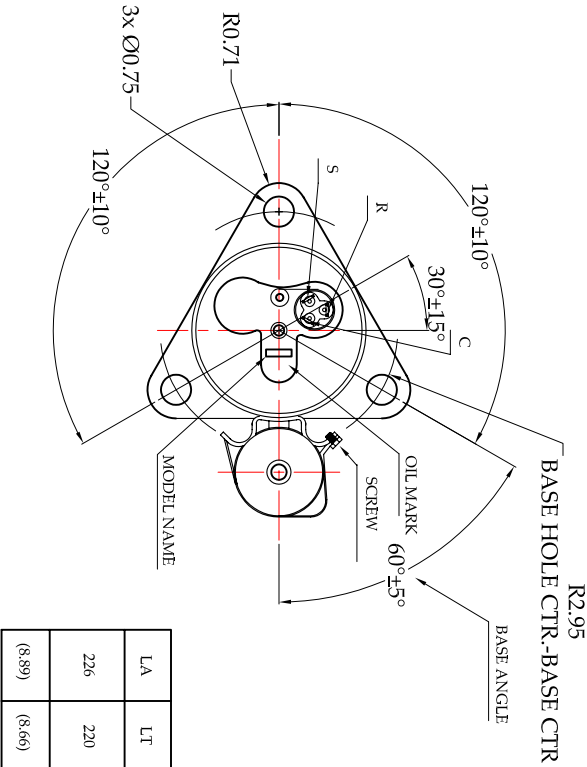
UL file no.: To Be Confirmed

²Contact Panasonic for value

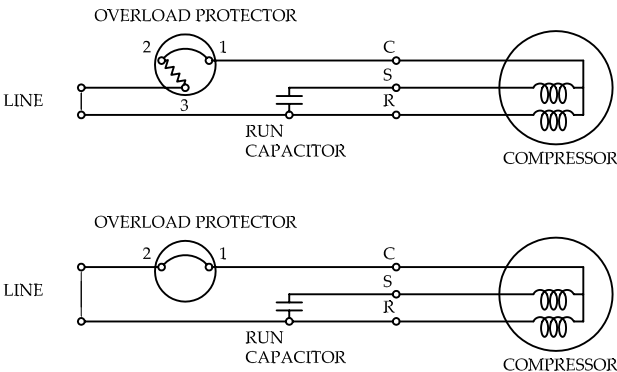
5RS084FAA21

208 / 230 V , 60 Hz R410A

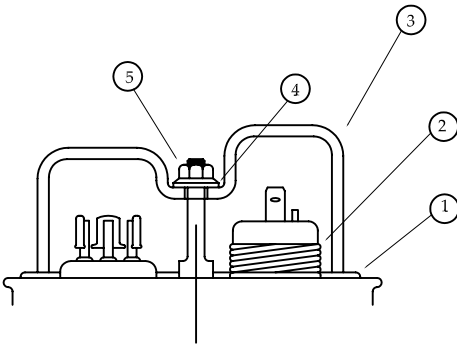
BTU 8,000



WIRING DIAGRAM

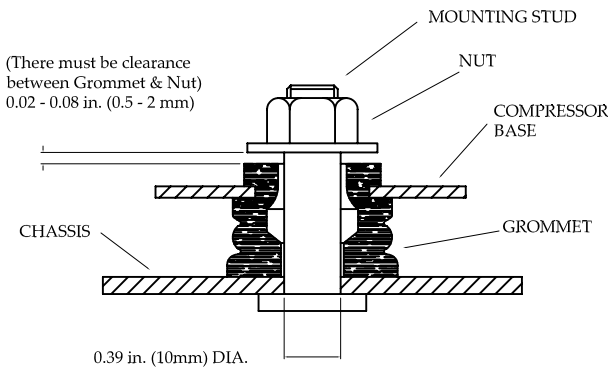


COMPRESSOR ACCESSORIES



ACCESSORIES	PART NUMBER
1 Gasket-Terminal Cover	7070620U
2 Spring - OLP hold down	7041200
3 Terminal Cover	7070222U
4 Gasket - Nut	7070621U
5 Nut - Terminal Cover	7080300
Grommet	7070817

COMPRESSOR MOUNTING



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