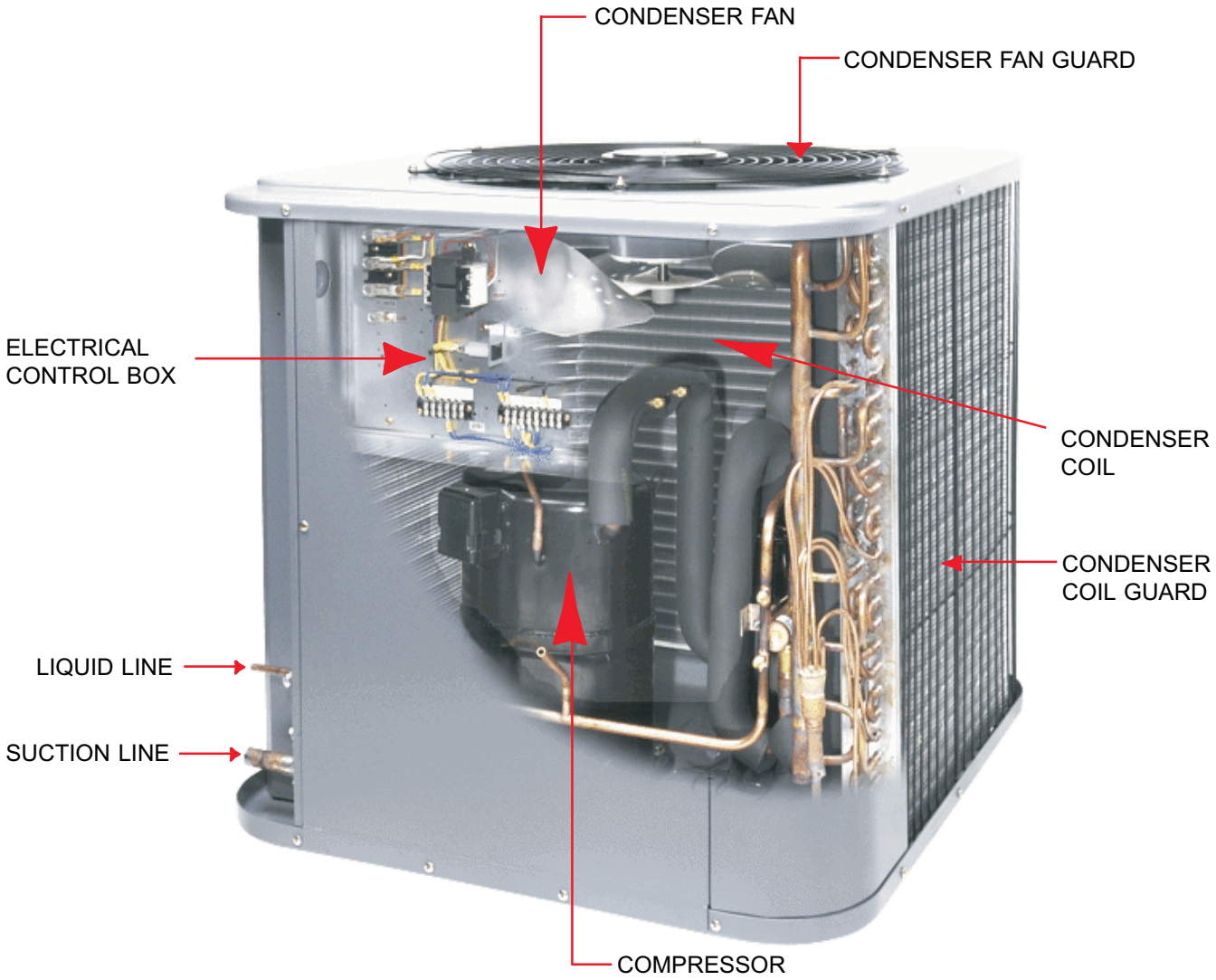
Condensing Units

OCU 030 thru OCU 120
2.5 TR thru 10 TR
9 kW thru 35 kW

COMPONENTS'

6. HUMIDIFIER SECTIONS



MODELS: OCU 030 - OCU 060

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CONTINUING RESEARCH RESUL TS IN STEADY IMPROVEMENTS.
THEREFORE, THESE SPECIFICA TIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

MODEL DECODING

1,2 & 3 BASIC	4, 5 & 6 NOMINAL COOLING CAPACITY (MBH)	7 ELECTRICAL SUPPLY (V-Ph-Hz)	7 REFRIGERATION CIRCUIT	8 COMPRESSOR TYPE	9 MODE	10 CONDENSER MOTOR	11 CONDENSER COIL	12 ACCESSORIES	13 OPTIONS
OCU CLASSIC CONDENSING UNIT	030 036 042 048 060 075 090 100 120	C : 208/230-1-60* B : 220/240-1-50+ H : 208/230-3-60 M : 380-3-60 (4 WIRE) F : 460-3-60 L : 380/415-3-50 (4 WIRE)	S : SINGLE D : DUAL**	R : HERMETIC RECIPROCATING S : HERMETIC SCROLL	C : COOL ONLY H : HEAT PUMP	N : STANDARD L : LOW AMBIENT	A : ALUMINUM FIN B : COATED ALUMINUM FIN C : COPPER FIN	N : STANDARD UNIT P : STANDARD UNIT WITH PDS*** F : STANDARD UNIT WITH FILTER DRIER & SIGHT GLASS S : P & F	N : NO OPTION U : UVM V : VOLT FREE CONTACTS**** C : U & V

NOTES: * - Applicable for OCU030 - OCU060 models only.
+ - Applicable for OCU030 & OCU036 models only.
** - Applicable for OCU075 - OCU120 models only.
*** - Pump down solenoid (PDS) is applicable for OCU075 - OCU120 and cool models only.
**** - Must be defined specifying its purpose.

UNIT FEATURES

A. GENERAL

The Omran tahvieh Condensing units incorporate the latest innovative technology to provide quiet,reliable performance. The wrap-around coil not only adds to the aesthetical appeal, it also gives optimum heat transfer efficiency.
The access panels provide access to the compressor and to the electrical control box. Removal of top panel gives access to fan motor and coil.
These condensing units can be combined with a wide variety of evaporator coils and blower packages to provide quiet and dependable comfort. These units can be installed on a roof or at ground level.
Heat pump feature is available as an option for added comfort during cold season.

B. UNIT ENCLOSURE

All panels are of heavy gauge (G-90) galvanized steel sheet and completely weatherized for outdoor installation. Steel sheet panels are galvanized by the hot dip process followed by painted epoxy coat.

C. COMPRESSOR

Compressors are fully hermetic type and are provided with all the standard controls necessary for proper and safe operation. These compressors have a self-regulating crankcase heater, improved internal pressure relief valve which provides high pressure protection to the refrigerant system and vibration isolators for quiet and efficient operation.

D. AIR COOLED CONDENSER

1. The large wrap-around condenser coil is of corrugated fin & tube type, constructed of seamless copper tubes with wall thickness of 0.014" (0.356mm), and mechanically bonded to aluminum fins. All copper tube return bends have 0.022" (0.56mm) wall thickness. As an option to aluminum fins, coated aluminum fins or corrugated copper fins may be provided. Tube support sheets are of galvanized steel, formed to provide structural strength. Tubes are circuited to ensure minimum pressure drop and maximum heat transfer. Each coil is completely dehydrated, charged and sealed at the factory upon completion of pressure tests.
2. The fans are propeller type and direct-driven, upward discharge provided with fan grille.
3. Units are equipped with totally enclosed fan motors for greater reliability and dependable performance for many years.

E. SERVICE VALVES

Both suction and liquid service valves are steel, back seating type with sweat connections. Valves are externally located so refrigerant tube connections can be made quickly and easily. Each valve has a gauge pressure port for ease of checking refrigerant operating pressures.

F. HIGH PRESSURE SWITCH

Auto reset SPST switch activated by refrigerant pressure - locks out the compressor, if the refrigerant pressure rises above 450 PSIG. Also provides additional protection against compressor damage due to loss of outdoor airflow.

G. LOW PRESSURE SWITCH

Auto reset SPST switch activated by refrigerant pressure - locks out the compressor, if the refrigerant pressure falls below 25 PSIG. Also provides additional protection against evaporator freeze up due to loss of indoor airflow.

PHYSICAL DATA - 60Hz & 50Hz

Single compressor (hermetic) units

MODEL NUMBER		OCU030	OCU036	OCU042	OCU048	OCU060	OCU075	OCU090	OCU100	OCU120
NOMINAL CAPACITY (TONS)*		2.5	3	3.5	4	5	6	7	8	10
COMPRESSOR	Type	Hermetic								
	Quantity	1	1	1	1	1	1	1	1	1
	Oil (oz) - 60Hz	50	50	50	55	70	60.9	62.4	128	128
	Oil (oz) - 50Hz	50	50	55	55	61	60.4	128	128	132
	Refrigerant	R- 22								
	Operating Charge (oz) - 60Hz	106	106	120	167	170	200	301	314	330
	Operating Charge (oz) - 50Hz	106	106	120	167	170	210	304	317	352
CONDENSER FAN	Type	Propeller								
	Qty. - Diameter (inch)	1- 18	1- 18	1- 22	1- 22	1- 22	2- 22	2- 22	2- 22	2- 22
	Nominal airflow, CFM (L/S)	2300 (1085)	2300 (1085)	3650 (1723)	3650 (1723)	3650 (1723)	5300 (2501)	5300 (2501)	5600 (2643)	5600 (2643)
	Motor HP - RPM	1/4- 900		1/3- 900			1/4- 900 (2)			
CONDENSER COIL	Type	Corrugated fin & tube								
	Tube Dia.-Rows- Fins Per Inch	3/8-2	3/8-2	3/8-1	3/8-2	3/8-2	3/8-2	3/8-2	3/8-2	3/8-2
	Total face area, Sq. ft. (Sq. m.)	10 (0.929)	10 (0.929)	16 (1.49)	16 (1.49)	16 (1.49)	21 (1.95)	21 (1.95)	24 (2.23)	24 (2.23)
HIGH PRESSURE SWITCH	Open (PSIG)	450 ± 10	450 ± 10	450 ± 10	450 ± 10	450 ± 10	450 ± 10	450 ± 10	450 ± 10	450 ± 10
	Close (PSIG)	360 ± 15	360 ± 15	360 ± 15	360 ± 15	360 ± 15	360 ± 15	360 ± 15	360 ± 15	360 ± 15
LOW PRESSURE SWITCH	Open (PSIG)	25 ± 5	25 ± 5	25 ± 5	25 ± 5	25 ± 5	25 ± 5	25 ± 5	25 ± 5	25 ± 5
	Close (PSIG)	50 ± 5	50 ± 5	50 ± 5	50 ± 5	50 ± 5	50 ± 5	50 ± 5	50 ± 5	50 ± 5
REFRIGERANT LINES**	Suction line size (OD) - inch	7/8	7/8	1-1/8	1-1/8	1-1/8	1-3/8	1-3/8	1-3/8	1-3/8
	Liquid line size (OD) - inch	3/8	3/8	3/8	3/8	1/2	5/8	5/8	5/8	5/8
SHIPPING WEIGHT	Kg. (60Hz)	84	86	105	110	117	200	210	235	240
	Kg. (50Hz)	84	86	105	105	118	204	242	235	240

* Nominal cooling capacity @ 95^{0}F outdoor and 45^{0}F saturated suction temperatures.

** Pipe sizes are for runs up to 50 feet to indoor unit. For refrigerant lines longer than 50 feet, please check with your nearest Omran tahvieh sales/dealer office.

PHYSICAL DATA - 60Hz & 50Hz

Dual compressor (hermetic) units

MODEL NUMBER		OCU 075	OCU 090	OCU 100	OCU 120
NOMINAL CAPACITY (TONS)*		6	7	8	10
COMPRESSOR	Type	Hermetic			
	Quantity	2	2	2	2
	Oil (oz) - 60Hz	45x2	55x2	55x2	70x2
	Oil (oz) - 50Hz	55x2	55x2	55x2	70x2
	Refrigerant	R- 22			
	Operating Charge (oz) - 60Hz	105x2	140x2	151x2	158x2
	Operating Charge (oz) - 50Hz	115x2	155x2	152x2	159x2
CONDENSER FAN	Type	Propeller			
	Qty. - Diameter (inch)	2- 22	2- 22	2- 22	2- 22
	Nominal airflow, CFM (L/S)	5300 (2501)	5300 (2501)	5600 (2643)	5600 (2643)
	Motor HP - RPM	1/4- 900 (2)	1/4- 900 (2)	1/4- 900 (2)	1/4- 900 (2)
CONDENSER COIL	Type	Corrugated fin & tube			
	Tube Dia.- Rows - Fins Per Inch	3/8-2	3/8-2	3/8-2	3/8-2
	Total face area, Sq. ft. (Sq. m.)	21 (1.95)	21 (1.95)	24 (2.23)	24 (2.23)
HIGH PRESSURE SWITCH	Open (PSIG)	450 ± 10	450 ± 10	450 ± 10	450 ± 10
	Close (PSIG)	360 ± 15	360 ± 15	360 ± 15	360 ± 15
LOW PRESSURE SWITCH	Open (PSIG)	25 ± 5	25 ± 5	25 ± 5	25 ± 5
	Close (PSIG)	50 ± 5	50 ± 5	50 ± 5	50 ± 5
REFRIGERANT LINES**	Suction line size (OD) - inch	7/8 (2)	7/8 (2)	7/8 (2)	7/8 (2)
	Liquid line size (OD) - inch	1/2 (2)	1/2 (2)	1/2 (2)	1/2 (2)
SHIPPING WEIGHT	Kg. (60Hz)	229	225	230	244
	Kg. (50Hz)	232	229	235	241

* Nominal cooling capacity @ 95^{0}F outdoor and 45^{0}F saturated suction temperatures.

** Pipe sizes are for runs up to 50 feet to indoor unit. For refrigerant lines longer than 50 feet, please check with your nearest Omran tahvieh sales/dealer office.

SELECTION PROCEDURE

1. Enter performance tables at specified SST and desired ambient conditions.
2. HEAT REJECTION:
   Calculate condenser Total Heat Rejection Capacity as follows:
   HR = Unit cooling capacity + (3.41 x Total Unit Power Input, Watts).
3. HEAD PRESSURE:
   To determine head pressure (psig) use the following conversion table:

Condensing Temp. - ^{0}F.	100	110	120	130	140	150	160
(R-22) Head Pressure - PSIG.	195.9	226.4	259.9	296.9	337.3	381.6	429.8

4. CORRECTION FACTORS FOR ALTITUDE:

ALTITUDE (FEET)		2000	4000	6000	8000	10000
FACTOR	Condensing Unit Cooling Capacity	.99	.98	.96	.95	.94
	Condensing Unit & Evaporator	.98	.96	.93	.90	.88

PERFORMANCE DATA - 60Hz

Single compressor (hermetic) units

MODEL No.: OCU 030

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	29.40	26.80	24.10	21.50	19.00	16.50
	CT	99.00	108.00	118.00	127.00	135.00	142.50
	kW	2.58	2.67	2.76	2.85	2.94	3.00
35	TC	32.90	30.40	27.60	24.90	22.00	19.40
	CT	101.00	112.00	121.00	130.00	138.00	145.00
	kW	2.67	2.82	2.91	3.02	3.11	3.20
40	TC	37.90	34.10	31.00	27.90	25.00	22.00
	CT	103.00	115.00	124.00	133.00	141.00	148.00
	kW	2.79	2.97	3.10	3.23	3.35	3.47
45	TC	40.90	37.90	34.40	31.20	27.90	24.70
	CT	108.00	118.00	126.50	135.50	143.00	150.50
	kW	2.94	3.11	3.26	3.41	3.55	3.73
50	TC	45.00	41.30	38.10	34.50	31.00	27.60
	CT	110.00	120.00	128.00	137.00	145.00	152.00
	kW	3.07	3.26	3.44	3.61	3.82	3.97
55	TC	49.00	45.00	41.20	37.90	33.80	30.00
	CT	114.00	122.00	131.00	139.50	147.00	154.00
	kW	3.26	3.44	3.67	3.89	4.11	4.23

MODEL No.: OCU 036

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	35.80	33.00	30.00	27.50	25.00	22.00
	CT	104.00	112.50	122.50	130.00	140.00	146.00
	kW	3.35	3.45	3.62	3.75	3.90	4.01
35	TC	40.00	37.00	33.50	30.60	27.70	24.80
	CT	107.00	116.00	125.00	133.00	142.00	150.00
	kW	3.50	3.65	3.82	3.97	4.11	4.27
40	TC	44.00	41.00	37.50	34.40	31.00	28.00
	CT	112.00	120.00	129.00	137.00	145.00	153.00
	kW	3.70	3.87	4.07	4.25	4.40	4.57
45	TC	48.50	45.00	41.50	38.00	34.50	31.00
	CT	115.00	123.00	131.00	140.00	147.50	156.00
	kW	3.92	4.10	4.30	4.50	4.70	4.87
50	TC	53.00	49.00	45.50	41.60	38.00	34.00
	CT	118.50	126.00	134.00	142.00	150.00	158.00
	kW	4.15	4.37	4.54	4.72	5.00	5.17
55	TC	57.50	53.50	49.60	45.30	41.20	37.50
	CT	120.00	128.00	136.00	144.00	152.00	160.00
	kW	4.33	4.60	4.81	5.05	5.28	5.52

MODEL No.: OCU 042

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	38.50	35.70	32.30	29.25	26.75	23.00
	CT	99.00	107.00	115.00	123.00	132.00	141.00
	kW	3.51	3.62	3.79	3.90	4.17	4.28
35	TC	43.40	40.30	36.50	33.00	29.65	26.40
	CT	102.00	110.00	119.00	127.00	136.00	144.00
	kW	3.68	3.82	3.99	4.12	4.28	4.44
40	TC	48.10	45.00	41.00	37.30	33.60	30.00
	CT	105.00	113.00	122.00	130.00	139.00	147.00
	kW	3.86	4.05	4.24	4.42	4.57	4.66
45	TC	53.15	49.50	45.50	41.50	37.50	33.75
	CT	107.00	115.50	124.00	132.00	141.00	149.00
	kW	4.18	4.28	4.46	4.67	4.86	5.05
50	TC	58.25	54.30	50.00	45.55	41.55	37.25
	CT	109.00	117.00	126.00	134.00	143.00	150.50
	kW	4.31	4.54	4.70	4.88	5.17	5.34
55	TC	63.25	59.00	54.30	49.90	45.35	41.00
	CT	111.50	119.00	129.00	136.00	144.00	152.00
	kW	4.50	4.77	4.97	5.21	5.45	5.68

MODEL No.: OCU 048

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	43.00	39.80	36.00	32.50	30.00	25.50
	CT	100.00	108.00	116.00	124.00	133.00	141.50
	kW	3.90	3.97	4.06	4.12	4.22	4.30
35	TC	48.80	45.00	41.00	37.00	33.10	29.50
	CT	103.00	111.00	120.00	128.00	136.50	145.00
	kW	4.00	4.11	4.22	4.35	4.47	4.63
40	TC	54.20	50.50	46.00	41.75	37.70	33.50
	CT	105.00	113.00	123.00	130.50	139.50	147.50
	kW	4.12	4.30	4.45	4.61	4.78	4.97
45	TC	59.80	55.50	51.00	46.50	42.00	38.00
	CT	108.00	116.00	125.00	133.00	141.50	150.00
	kW	4.30	4.50	4.70	4.90	5.06	5.31
50	TC	65.00	61.00	56.00	51.00	46.60	42.00
	CT	110.00	118.00	127.00	135.00	144.00	151.00
	kW	4.50	4.70	4.97	5.17	5.45	5.65
55	TC	70.50	66.00	60.50	56.00	51.00	46.00
	CT	112.00	120.00	130.00	137.00	145.00	153.00
	kW	4.67	4.93	5.25	5.46	5.80	6.04

LEGEND: SST - Saturated Suction Temperature; TC - Total Capacity (1000 Btuh) Gross; CT - Condensing Temperature (^{0}F); kW - Total unit power input

PERFORMANCE DATA - 60Hz

Single compressor (hermetic) units

MODEL No.: OCU 060

SST (°F)		AMBIENT TEMPERATURE - °F					
		75	85	95	105	115	125
30	TC	54.00	50.50	46.50	42.80	39.00	35.30
	CT	102.00	109.00	118.50	126.00	135.00	144.00
	kW	4.65	4.70	4.85	5.00	5.15	5.35
35	TC	60.00	56.00	52.00	47.50	43.50	39.50
	CT	103.00	111.50	120.00	129.50	138.50	146.50
	kW	4.67	4.85	5.05	5.30	5.50	5.70
40	TC	66.00	61.50	57.40	52.70	48.50	44.20
	CT	106.00	115.00	123.00	132.00	141.00	149.50
	kW	4.80	5.10	5.30	5.60	5.80	6.05
45	TC	72.00	67.00	62.50	58.00	53.50	48.50
	CT	109.00	118.50	126.00	134.50	142.50	151.00
	kW	5.02	5.37	5.60	5.90	6.10	6.45
50	TC	77.50	72.50	67.60	63.00	58.00	53.50
	CT	111.00	120.00	128.50	137.00	145.00	154.00
	kW	5.20	5.55	5.90	6.20	6.55	6.95
55	TC	83.50	78.40	73.40	68.20	63.00	58.00
	CT	114.00	122.00	130.00	138.50	147.00	155.00
	kW	5.50	5.85	6.15	6.45	6.95	7.30

MODEL No.: OCU 075

SST (°F)		AMBIENT TEMPERATURE - °F					
		75	85	95	105	115	125
30	TC	67.00	62.50	59.00	54.50	50.50	47.00
	CT	96.00	105.00	114.00	123.00	132.00	140.00
	kW	5.90	6.15	6.25	6.65	7.10	7.30
35	TC	75.00	70.10	66.00	61.50	57.50	54.00
	CT	99.00	108.00	117.00	126.00	135.00	143.00
	kW	6.10	6.40	6.70	7.05	7.40	7.70
40	TC	82.50	78.00	73.00	68.50	64.50	60.70
	CT	102.00	111.00	120.50	130.00	138.00	145.00
	kW	6.40	6.70	7.00	7.50	7.80	8.10
45	TC	90.20	85.50	80.50	75.50	71.20	67.00
	CT	104.00	112.00	121.00	131.00	140.00	147.00
	kW	6.60	6.90	7.30	7.75	8.15	8.50
50	TC	98.00	93.00	87.50	83.00	76.50	73.50
	CT	106.00	114.00	123.00	132.50	141.00	149.00
	kW	6.85	7.20	7.60	8.10	8.45	9.00
55	TC	106.00	100.00	94.50	89.00	84.00	80.00
	CT	108.00	116.00	125.00	134.00	142.50	150.00
	kW	7.10	7.45	7.90	8.20	8.50	9.35

MODEL No.: OCU 090

SST (°F)		AMBIENT TEMPERATURE - °F					
		75	85	95	105	115	125
30	TC	75.00	70.00	66.00	61.00	56.50	51.50
	CT	100.00	110.00	118.00	127.00	136.00	145.00
	kW	6.90	7.30	7.70	8.10	8.50	8.90
35	TC	83.50	78.00	73.00	68.00	63.00	57.50
	CT	103.00	112.00	120.00	130.00	139.00	148.00
	kW	7.20	7.70	8.10	8.50	9.00	9.50
40	TC	92.00	86.50	81.00	75.00	69.50	63.50
	CT	106.00	114.00	123.00	133.00	142.00	150.00
	kW	7.60	8.00	8.50	9.10	9.50	10.00
45	TC	101.00	94.50	88.50	82.00	76.50	70.00
	CT	108.00	116.00	125.00	135.00	144.00	152.00
	kW	7.90	8.40	8.95	9.50	10.00	10.50
50	TC	109.00	103.00	96.00	89.00	83.00	76.00
	CT	110.00	118.00	127.00	137.00	145.00	153.00
	kW	8.30	8.75	9.30	9.90	10.40	11.00
55	TC	109.00	103.00	96.00	89.00	83.00	76.00
	CT	112.00	119.00	128.00	138.00	146.00	154.00
	kW	8.60	9.10	9.65	10.30	10.90	11.40

MODEL No.: OCU 100

SST (°F)		AMBIENT TEMPERATURE - °F					
		75	85	95	105	115	125
30	TC	88.00	81.00	74.00	67.50	60.00	53.50
	CT	103.00	112.00	119.00	128.00	136.00	144.00
	kW	8.05	8.20	8.35	8.50	8.65	8.80
35	TC	98.00	90.00	83.50	76.00	69.00	61.50
	CT	105.00	114.00	122.00	130.00	138.00	147.00
	kW	8.30	8.50	8.80	9.00	9.20	9.40
40	TC	109.00	99.00	92.50	87.50	77.50	69.00
	CT	108.00	117.00	124.00	133.00	142.00	150.00
	kW	8.70	9.00	9.20	9.60	9.85	9.95
45	TC	120.00	111.00	102.50	94.00	86.00	77.50
	CT	112.00	120.00	127.00	136.00	144.00	152.00
	kW	9.15	9.50	9.80	10.15	10.50	10.80
50	TC	130.00	122.00	112.00	104.00	94.00	83.50
	CT	114.00	122.00	130.00	138.00	146.00	154.00
	kW	9.55	9.95	10.40	10.85	11.15	11.50
55	TC	140.00	132.00	122.00	114.00	100.00	93.50
	CT	116.00	124.00	133.00	140.00	148.00	156.00
	kW	10.00	10.40	11.00	11.40	11.80	12.20

MODEL No.: OCU 120

SST (°F)		AMBIENT TEMPERATURE - °F					
		75	85	95	105	115	125
30	TC	100.00	92.00	85.00	77.50	70.00	63.00
	CT	104.00	113.00	121.00	130.00	138.00	146.00
	kW	8.95	9.20	9.45	9.75	9.90	10.20
35	TC	110.00	102.50	95.50	87.50	79.50	71.50
	CT	107.00	116.00	123.00	133.00	140.00	149.00
	kW	9.35	9.65	9.90	10.30	10.60	10.90
40	TC	123.00	114.00	106.00	97.00	88.50	80.00
	CT	111.00	120.00	127.00	136.00	144.00	152.00
	kW	9.85	10.20	10.55	10.95	11.30	11.65
45	TC	134.50	125.00	116.00	107.00	97.50	88.00
	CT	113.00	122.00	130.00	138.00	146.00	154.00
	kW	10.30	10.75	11.20	11.60	12.00	12.35
50	TC	146.00	136.00	126.00	116.00	106.50	96.50
	CT	116.00	124.00	132.00	140.00	148.00	156.00
	kW	10.80	11.30	11.80	12.25	12.70	13.05
55	TC	158.00	146.00	136.00	125.00	115.00	104.50
	CT	118.00	126.00	134.00	142.00	150.00	158.00
	kW	11.30	11.60	12.40	12.95	13.55	13.80

LEGEND:

SST - Saturated Suction Temperature

TC - Total Capacity (1000 Btuh) Gross

CT - Condensing Temperature (°F)

kW - Total unit power input

PERFORMANCE DATA - 60Hz

Dual compressor (hermetic) units

MODEL No.: OCU 075

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	68.00	62.50	57.50	52.50	48.00	43.00
	CT	88.00	100.00	112.00	123.00	132.00	141.00
	kW	5.20	5.50	5.70	5.90	6.10	6.30
35	TC	76.50	70.50	65.00	59.50	54.50	49.00
	CT	92.00	105.00	116.00	126.00	134.00	143.00
	kW	5.30	5.70	5.90	6.20	6.50	6.70
40	TC	85.00	78.00	73.00	66.50	61.00	55.00
	CT	96.00	109.00	120.00	128.00	136.00	145.00
	kW	5.50	5.90	6.25	6.50	6.90	7.10
45	TC	93.00	86.00	80.00	73.50	66.50	61.00
	CT	100.00	112.00	122.00	130.00	138.00	147.00
	kW	5.60	6.10	6.50	6.85	7.20	7.55
50	TC	101.50	93.50	87.00	80.50	74.00	67.00
	CT	103.00	115.00	124.00	132.00	140.00	149.00
	kW	5.80	6.40	6.95	7.20	7.55	8.00
55	TC	109.00	101.00	94.00	87.00	80.00	73.00
	CT	105.00	116.00	125.00	133.00	142.00	150.00
	kW	6.00	6.60	7.10	7.50	7.95	8.50

MODEL No.: OCU 090

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	82.00	75.00	69.00	63.00	56.00	50.00
	CT	100.00	109.00	118.00	127.00	135.00	144.00
	kW	6.60	6.90	7.20	7.50	7.70	8.00
35	TC	91.50	85.00	79.00	71.00	65.00	57.00
	CT	104.00	112.00	120.00	129.00	138.00	146.00
	kW	6.90	7.30	7.60	7.90	8.20	8.50
40	TC	101.00	94.00	87.00	80.00	72.50	65.50
	CT	106.00	115.00	124.00	132.00	140.00	148.00
	kW	7.30	7.70	8.10	8.40	8.70	9.00
45	TC	111.00	103.00	95.50	88.50	81.00	73.00
	CT	109.00	117.00	126.00	134.00	142.00	150.00
	kW	7.70	8.00	8.50	8.90	9.25	9.50
50	TC	121.00	113.00	105.00	97.00	89.00	81.00
	CT	111.00	120.00	129.00	136.00	145.00	152.00
	kW	8.10	8.55	9.00	9.40	9.80	10.10
55	TC	131.00	122.00	113.00	105.00	97.00	89.00
	CT	113.00	122.00	131.00	138.00	146.00	154.00
	kW	8.40	9.00	9.50	9.80	10.30	10.60

MODEL No.: OCU 100

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	88.50	81.00	74.00	66.00	59.00	51.50
	CT	102.00	110.00	118.00	127.00	135.00	144.00
	kW	7.65	7.80	7.95	8.15	8.35	8.50
35	TC	99.00	91.00	83.50	76.00	68.00	60.00
	CT	105.00	113.00	121.00	130.00	138.00	147.00
	kW	7.90	8.15	8.40	8.65	8.90	9.20
40	TC	110.50	102.00	93.50	84.50	76.50	68.50
	CT	108.00	116.00	124.00	133.00	141.00	150.00
	kW	8.20	8.55	8.85	9.20	9.50	9.85
45	TC	121.50	112.00	103.50	94.50	86.00	76.50
	CT	111.00	119.00	127.00	136.00	143.00	152.00
	kW	8.60	9.00	9.35	9.75	10.15	10.50
50	TC	132.00	122.50	113.50	104.00	95.00	85.00
	CT	113.00	122.00	130.00	138.00	146.00	154.00
	kW	9.00	9.50	9.95	10.40	10.85	11.20
55	TC	142.50	133.00	122.50	113.00	103.00	93.00
	CT	115.00	124.00	132.00	140.00	148.00	156.00
	kW	9.40	10.00	10.50	11.00	10.50	11.90

MODEL No.: OCU 120

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	104.00	96.00	89.50	82.00	74.00	67.00
	CT	105.00	114.00	122.00	130.00	139.00	148.00
	kW	9.00	9.35	9.65	10.00	10.45	10.65
35	TC	114.50	107.00	99.50	91.50	83.50	76.00
	CT	108.00	117.00	125.00	133.00	142.00	151.00
	kW	9.35	9.75	10.15	10.55	10.95	11.40
40	TC	126.00	118.00	109.50	101.00	92.50	84.00
	CT	111.00	120.00	128.00	136.00	145.00	153.00
	kW	9.70	10.20	10.75	11.15	11.65	12.15
45	TC	137.50	128.50	119.50	111.50	102.00	93.50
	CT	113.00	122.00	131.00	139.00	147.00	156.00
	kW	10.10	10.70	11.35	11.85	12.45	13.00
50	TC	148.50	140.00	130.00	121.00	111.50	102.00
	CT	116.00	124.00	133.00	141.00	149.00	158.00
	kW	10.50	11.20	12.00	12.50	13.20	13.90
55	TC	160.00	150.00	140.00	131.00	120.50	111.00
	CT	118.00	126.00	135.00	143.00	151.00	160.00
	kW	11.00	11.70	12.60	13.20	13.95	14.75

LEGEND:

SST - Saturated Suction Temperature

TC - Total Capacity (1000 Btuh) Gross

CT - Condensing Temperature (^{0}F)

kW - Total unit power input

PERFORMANCE DATA - 50Hz

Single compressor (hermetic) units

MODEL No.: OCU 030

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	30.30	27.40	25.00	22.40	19.90	17.40
	CT	99.00	109.00	118.00	126.50	134.50	142.00
	kW	2.35	2.44	2.53	2.61	2.70	2.76
35	TC	34.10	31.20	28.50	25.60	22.60	20.00
	CT	103.00	113.00	121.00	129.50	137.50	146.00
	kW	2.44	2.58	2.67	2.80	2.91	3.01
40	TC	37.90	34.70	31.80	28.80	25.40	22.50
	CT	107.50	116.00	124.00	132.50	141.00	148.00
	kW	2.58	2.73	2.88	3.01	3.20	3.26
45	TC	42.00	37.50	34.30	31.90	28.50	25.30
	CT	110.00	118.00	126.00	134.50	143.00	149.50
	kW	2.73	2.53	3.15	3.20	3.35	3.50
50	TC	45.90	42.20	39.10	35.40	31.50	28.40
	CT	113.50	121.00	128.50	136.50	145.00	151.00
	kW	2.91	3.06	3.23	3.44	3.61	3.73
55	TC	49.10	46.00	42.40	38.50	34.90	31.20
	CT	115.00	124.00	130.50	138.50	146.50	152.50
	kW	3.05	3.26	3.44	3.64	3.85	4.00

MODEL No.: OCU 036

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	36.00	33.00	30.00	27.00	24.30	21.60
	CT	105.00	113.00	122.00	130.00	138.00	147.00
	kW	3.45	3.57	3.72	3.84	3.95	4.13
35	TC	40.00	37.00	34.00	31.00	27.70	24.60
	CT	110.00	117.00	125.00	133.00	142.50	151.00
	kW	3.65	3.78	3.92	4.06	4.25	4.41
40	TC	44.30	41.00	38.00	34.20	31.00	28.00
	CT	113.00	121.50	128.50	137.00	145.00	152.50
	kW	3.84	4.01	4.17	4.32	4.50	4.70
45	TC	49.00	45.20	42.00	38.00	34.50	31.00
	CT	116.00	124.00	131.00	140.00	148.00	155.00
	kW	4.05	4.21	4.41	4.60	4.80	4.98
50	TC	53.00	49.40	46.00	42.00	38.00	34.00
	CT	120.00	126.50	134.00	142.00	149.00	156.50
	kW	4.30	4.46	4.66	4.95	5.12	5.26
55	TC	57.60	53.40	49.80	45.50	41.20	37.20
	CT	121.50	129.00	136.00	144.00	151.50	158.00
	kW	4.50	4.71	4.90	5.17	5.32	5.56

MODEL No.: OCU 042

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	39.60	36.60	33.20	30.10	27.60	23.90
	CT	101.00	109.00	117.00	125.00	134.50	143.00
	kW	3.70	3.83	3.99	4.10	4.37	4.38
35	TC	44.50	41.20	37.40	34.00	30.50	27.30
	CT	104.00	112.00	121.00	129.00	137.50	146.00
	kW	3.87	4.00	4.18	4.33	4.47	4.65
40	TC	49.00	45.90	41.90	38.20	34.40	30.90
	CT	107.00	115.00	123.00	132.00	140.50	148.50
	kW	4.03	4.25	4.45	4.63	4.78	4.85
45	TC	54.10	50.40	46.00	42.40	38.40	34.70
	CT	109.00	117.50	126.00	134.00	142.00	151.00
	kW	4.37	4.48	4.65	4.86	5.05	5.24
50	TC	59.20	53.20	50.90	46.40	42.50	38.10
	CT	111.00	119.00	128.00	136.00	145.00	152.00
	kW	4.50	4.75	4.90	5.06	5.37	5.55
55	TC	64.20	60.00	55.20	50.80	46.20	41.90
	CT	113.00	121.00	131.00	138.00	146.00	154.00
	kW	4.71	4.97	5.17	5.41	5.65	5.86

MODEL No.: OCU 048

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	44.40	41.50	38.50	35.30	32.10	30.50
	CT	100.00	108.50	117.50	126.50	135.00	143.00
	kW	3.56	3.71	3.86	3.99	4.11	4.23
35	TC	49.50	46.20	43.20	39.70	36.20	33.10
	CT	103.00	111.50	120.00	129.50	138.00	146.00
	kW	3.68	3.82	4.01	4.20	4.39	4.52
40	TC	54.70	51.10	48.00	44.00	40.50	37.00
	CT	106.00	114.50	123.00	132.00	141.00	148.00
	kW	3.80	4.02	4.22	4.45	4.68	4.80
45	TC	59.80	56.10	52.30	48.50	44.50	41.00
	CT	108.50	117.00	125.50	134.00	143.00	150.00
	kW	3.97	4.20	4.44	4.70	4.91	5.19
50	TC	65.00	61.00	57.00	53.00	48.70	44.80
	CT	110.00	119.00	127.00	136.00	145.00	151.50
	kW	4.10	4.40	4.69	4.94	5.25	5.48
55	TC	70.00	65.50	61.30	57.30	52.80	48.50
	CT	113.00	121.00	129.00	138.00	146.00	153.00
	kW	4.30	4.61	4.90	5.25	5.56	5.81

MODEL No.: OCU 060

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	51.00	47.50	44.50	41.50	38.50	35.50
	CT	104.00	113.00	121.00	131.00	140.00	147.50
	kW	4.70	5.05	5.30	5.60	5.85	6.10
35	TC	56.50	53.50	50.25	47.00	43.50	40.50
	CT	108.00	117.00	125.00	134.00	143.00	150.00
	kW	5.05	5.40	5.65	5.90	6.25	6.50
40	TC	62.50	59.00	55.50	52.25	48.50	45.25
	CT	110.00	120.00	129.00	137.00	146.00	153.00
	kW	5.30	5.70	6.00	6.30	6.70	6.90
45	TC	68.50	64.50	61.00	57.50	53.50	50.00
	CT	113.00	122.00	131.00	140.00	147.50	155.00
	kW	5.60	6.00	6.35	6.70	7.00	7.10
50	TC	74.25	70.50	66.50	62.50	58.50	54.50
	CT	116.00	126.00	134.00	142.00	149.50	157.00
	kW	5.95	6.35	6.70	7.05	7.40	7.70
55	TC	80.00	75.75	72.00	68.00	63.50	69.50
	CT	118.00	128.00	136.00	145.00	152.00	159.00
	kW	6.10	6.60	7.05	7.50	7.90	8.20

MODEL No.: OCU 075

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	65.00	61.00	57.50	53.50	49.00	45.00
	CT	93.00	102.00	112.00	121.00	130.00	140.00
	kW	5.30	5.60	6.05	6.40	6.70	7.10
35	TC	73.00	69.00	64.00	59.50	55.00	50.50
	CT	97.00	106.00	115.00	124.00	133.00	143.00
	kW	5.60	6.00	6.30	6.70	7.10	7.45
40	TC	80.00	75.00	71.00	66.00	61.00	56.00
	CT	100.00	110.00	118.00	127.00	137.00	145.00
	kW	5.90	6.30	6.65	7.10	7.50	7.75
45	TC	87.50	82.50	77.00	72.50	67.00	61.00
	CT	102.00	112.00	120.00	129.00	139.00	147.00
	kW	6.20	6.65	6.95	7.35	7.85	8.15
50	TC	95.00	89.50	84.50	79.00	72.50	67.00
	CT	105.00	114.00	122.00	130.50	141.00	149.00
	kW	6.45	6.90	7.30	7.70	8.20	8.55
55	TC	103.00	96.50	91.00	85.00	79.00	72.00
	CT	107.00	116.00	124.00	132.00	142.00	150.00
	kW	6.70	7.20	7.60	8.00	8.50	8.90

LEGEND: SST - Saturated Suction Temperature; TC - Total Capacity (1000 Btuh) Gross; CT - Condensing Temperature (^{0}F); kW - Total unit power input

PERFORMANCE DATA - 50Hz

Single compressor (hermetic) units

MODEL No.: OCU 090

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	79 00	73 00	5 00	58 50	51 00	45 00
	CT	98 00	107 00	11 00	124 00	130 00	142 00
	kW	20	40	0	70	80	7 10
35	TC	88 50	81 50	73 50	50	58 50	52 00
	CT	101 00	110 00	119 00	12 00	135 00	145 00
	kW	50	75	7 00	7 10	7 35	7 0
40	TC	97 50	90 00	81 50	74 00	00	59 00
	CT	105 00	113 00	122 00	128 00	139 00	147 00
	kW	90	7 10	7 40	7 0	7 90	8 10
45	TC	107 00	99 00	90 00	81 50	73 00	5 00
	CT	107 00	11 00	124 00	131 00	141 00	149 00
	kW	7 20	7 55	7 85	8 05	8 40	8 70
50	TC	11 50	107 50	98 50	89 50	80 50	72 00
	CT	110 00	118 00	12 00	134 00	143 00	150 00
	kW	7 0	8 00	8 20	8 55	8 90	9 20
55	TC	125 00	11 00	10 00	97 00	87 50	79 50
	CT	111 00	120 00	128 00	13 00	144 00	152 00
	kW	7 95	8 30	8 5	9 00	9 35	9 70

MODEL No.: OCU 100

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	8 00	80 00	73 00	00	59 50	52 00
	CT	100 00	108 00	117 00	12 00	134 00	142 00
	kW	7 00	7 15	7 30	7 50	7 5	7 85
35	TC	9 00	90 00	82 00	75 00	7 50	0 00
	CT	103 00	111 00	120 00	129 00	137 00	145 00
	kW	7 30	7 55	7 75	7 95	8 15	8 40
40	TC	10 00	99 00	91 50	83 50	75 00	8 00
	CT	10 00	113 00	123 00	131 00	140 00	148 00
	kW	7 70	7 90	8 20	8 50	8 75	9 00
45	TC	11 00	109 00	100 50	92 00	83 50	7 00
	CT	109 00	11 00	125 00	133 00	142 00	150 00
	kW	8 10	8 30	8 70	9 00	9 35	9 0
50	TC	127 00	118 50	110 00	101 50	91 50	84 00
	CT	111 00	119 00	127 00	135 00	144 00	152 00
	kW	8 55	8 80	9 20	9 55	9 95	10 30
55	TC	137 00	128 50	119 00	109 50	99 50	91 00
	CT	113 00	121 00	129 00	137 00	14 00	154 00
	kW	8 95	9 30	9 70	10 10	10 55	11 10

MODEL No.: OCU 120

SST (^{0}F)		AMBIENT TEMPERATURE - ^{0}F					
		75	85	95	105	115	125
30	TC	10 00	98 50	91 00	83 00	7 00	7 50
	CT	105 00	113 00	122 00	131 00	140 00	148 00
	kW	9 20	9 0	10 00	10 45	10 90	11 40
35	TC	118 50	110 00	102 00	93 50	85 00	77 00
	CT	108 00	117 00	12 00	134 00	143 00	152 00
	kW	9 50	10 00	10 0	11 00	11 55	12 00
40	TC	130 00	121 00	112 50	103 50	94 50	8 00
	CT	111 00	120 00	129 00	137 00	14 00	155 00
	kW	9 95	10 45	11 10	11 0	12 25	12 80
45	TC	142 50	132 50	123 00	113 50	104 00	94 00
	CT	114 00	123 00	131 00	140 00	149 00	158 00
	kW	10 35	11 00	11 0	12 30	13 00	13 5
50	TC	154 50	144 50	134 00	124 00	113 00	113 00
	CT	117 00	125 00	133 00	142 00	151 00	1 0 00
	kW	10 80	11 50	12 20	12 95	13 75	14 45
55	TC	1 50	155 50	144 50	134 00	122 00	111 00
	CT	119 00	127 00	135 00	144 00	153 00	1 2 00
	kW	11 25	12 00	12 80	13 0	14 40	15 20

LEGEND:

SST - Saturated Suction Temperature

TC - Total Capacity (1000 Btuh) Gross

CT - Condensing Temperature (^{0}F)

kW - Total unit power input

PERFORMANCE DATA - 50Hz

Dual compressor (hermetic) units

MODEL No.: OCU 075

SST (°F)		BTT - °F					
		75	85	95	105	115	125
30	TC	67.00	63.00	57.50	52.50	47.00	42.00
	CT	95.00	105.00	113.00	122.00	130.00	140.00
	kW	5.75	5.90	6.05	6.20	6.30	6.45
35	TC	75.00	70.50	65.00	59.00	53.50	48.00
	CT	99.00	108.00	116.00	125.00	133.00	143.00
	kW	5.90	6.10	6.30	6.45	6.65	6.90
40	TC	83.00	77.50	72.00	66.00	60.00	54.00
	CT	101.00	110.00	119.00	128.00	137.00	145.00
	kW	6.00	6.25	6.50	6.85	7.10	7.30
45	TC	91.00	85.00	79.00	72.50	66.00	59.50
	CT	103.00	112.00	121.00	130.00	139.00	147.00
	kW	6.10	6.50	6.75	7.10	7.50	7.90
50	TC	99.00	93.00	86.00	79.00	72.00	65.00
	CT	106.00	114.00	123.00	132.00	141.00	150.00
	kW	6.30	6.65	7.05	7.50	7.90	8.35
55	TC	106.50	99.50	93.00	85.00	79.00	71.00
	CT	108.00	116.00	125.00	133.00	143.00	152.00
	kW	6.50	6.90	7.35	7.90	8.30	8.90

MODEL No.: OCU 090

SST (°F)		BTT - °F					
		75	85	95	105	115	125
30	TC	75.00	69.50	63.00	58.50	52.50	46.50
	CT	98.00	107.00	116.00	124.00	133.00	142.00
	kW	6.30	6.50	6.70	6.90	7.10	7.20
35	TC	85.50	80.00	73.00	67.00	61.00	54.00
	CT	102.00	110.00	120.00	128.00	136.00	145.00
	kW	6.60	6.80	7.10	7.30	7.50	7.70
40	TC	96.50	90.00	82.50	76.50	69.00	62.00
	CT	105.00	114.00	123.00	130.00	139.50	147.00
	kW	6.95	7.15	7.45	7.70	8.00	8.30
45	TC	107.50	100.00	92.00	85.00	77.50	70.00
	CT	108.00	117.00	125.00	133.00	142.00	150.00
	kW	7.10	7.50	7.95	8.20	8.50	8.90
50	TC	118.00	110.00	102.00	94.00	86.00	77.50
	CT	110.00	119.00	127.00	135.00	144.00	152.00
	kW	7.45	7.90	8.25	8.70	9.05	9.45
55	TC	128.50	120.00	111.00	103.00	94.50	85.00
	CT	112.00	121.00	129.00	137.00	145.00	154.00
	kW	7.80	8.30	8.70	9.10	9.60	10.05

MODEL No.: OCU 100

SST (°F)		BTT - °F					
		75	85	95	105	115	125
30	TC	88.00	82.00	76.00	70.00	64.00	57.00
	CT	100.00	110.00	120.00	127.00	137.00	145.00
	kW	7.35	7.65	8.00	8.20	8.40	8.80
35	TC	98.00	92.00	85.00	78.00	72.00	65.00
	CT	104.00	113.00	123.00	130.00	140.00	148.00
	kW	7.65	7.95	8.40	8.65	9.00	9.35
40	TC	109.00	101.50	94.00	87.00	80.00	72.00
	CT	107.00	116.00	125.00	133.00	143.00	151.00
	kW	7.95	8.35	8.75	9.15	9.60	9.95
45	TC	118.50	111.00	103.00	95.00	88.00	80.00
	CT	110.00	118.00	127.00	135.00	145.00	153.00
	kW	8.25	8.70	9.15	9.60	10.15	10.60
50	TC	128.00	120.00	112.00	104.00	96.00	88.00
	CT	112.00	120.00	129.00	138.00	147.00	155.00
	kW	8.55	9.05	9.60	10.20	10.70	11.15
55	TC	138.00	129.00	121.00	112.00	104.00	95.00
	CT	114.00	122.00	131.00	140.00	149.00	157.00
	kW	8.85	9.45	10.10	10.75	11.25	11.75

MODEL No.: OCU 120

SST (°F)		BTT - °F					
		75	85	95	105	115	125
30	TC	104.00	97.50	91.00	85.00	78.50	72.50
	CT	106.00	115.00	123.00	132.00	141.00	150.00
	kW	9.15	9.70	10.20	10.80	11.30	11.60
35	TC	116.00	109.00	102.00	95.00	88.50	82.00
	CT	109.00	118.00	126.00	135.00	144.00	153.00
	kW	9.65	10.20	10.80	11.40	11.95	12.70
40	TC	127.00	120.00	112.50	105.50	98.50	92.00
	CT	112.00	120.00	129.00	138.00	147.00	156.00
	kW	10.20	10.80	11.40	12.00	12.80	13.40
45	TC	139.00	131.50	124.00	116.50	108.50	102.00
	CT	115.00	123.00	132.00	141.00	150.00	159.00
	kW	10.80	11.40	12.20	12.90	13.60	14.30
50	TC	150.50	143.50	135.50	127.50	119.00	111.00
	CT	117.00	126.00	134.00	143.00	153.00	162.00
	kW	11.40	12.10	12.80	13.60	14.45	15.20
55	TC	163.00	154.00	146.00	137.50	128.50	120.50
	CT	120.00	128.00	136.00	146.00	155.00	165.00
	kW	12.00	12.70	13.40	14.40	15.10	16.05

LEGEND:

SST - Saturated Suction Temperature

TC - Total Capacity (1000 Btuh) Gross

CT - Condensing Temperature (°F)

kW - Total unit power input

ELECTRICAL DATA

Single compressor (hermetic) units

MODEL No.: OCU 030

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	9.3	70	1.4	13	20
380-3-60 (4 WIRE)	342	418	5.6	32	1.4	8.4	15
460-3-60	414	506	4.6	30	0.7	6.5	15
208/230-1-60	187	253	13.9	81	1.4	18.8	30
220/240-1-50	198	264	13.8	78	1.8	19.1	30
380/415-3-50 (4 WIRE)	342	457	4.8	35	1.8	7.8	15

MODEL No.: OCU 036

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	9.6	70	1.4	13.9	20
380-3-60 (4 WIRE)	342	418	7.7	41	1.4	11	15
460-3-60	414	506	4.8	35	0.7	6.7	15
208/230-1-60	187	253	15.9	87	1.4	21.3	35
220/240-1-50	198	264	17.0	90	1.8	23.1	40
380/415-3-50 (4 WIRE)	342	457	5.8	39	1.8	9.8	15

MODEL No.: OCU 042

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	11.7	78	2.3	16.9	25
380-3-60 (4 WIRE)	342	418	7.7	41	2.3	11.9	15
460-3-60	414	506	5.7	39	1.3	8.4	15
208/230-1-60	187	253	18.7	110	2.3	25.7	40
380/415-3-50 (4 WIRE)	342	457	6.3	45	2.3	10.2	15

MODEL No.: OCU 048

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	12.6	90	2.3	18.1	30
380-3-60 (4 WIRE)	342	418	10.4	55	2.3	15.3	25
460-3-60	414	506	6.3	45	1.3	9.2	15
208/230-1-60	187	253	21.4	118	2.3	29.1	50
380/415-3-50 (4 WIRE)	342	457	7.7	62	2.3	11.9	15

MODEL No.: OCU 060

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	17	124	2.3	23.5	40
380-3-60 (4 WIRE)	342	418	10.4	55	2.3	15.3	25
460-3-60	414	506	8.5	62	1.3	11.9	20
208/230-1-60	187	253	28.2	178	2.3	37.6	60
380/415-3-50 (4 WIRE)	342	457	15	67	2.3	21.1	35

MODEL No.: OCU 075

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	22	128	1.4(2)	30.3	50
380-3-60 (4 WIRE)	342	418	13	57	1.4(2)	19.1	30
460-3-60	414	506	11	71	0.7(2)	15.2	25
380/415-3-50 (4 WIRE)	342	457	16.4	69	1.8(2)	24.1	40

MODEL No.: OCU 090

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	25	155	1.4(2)	34.1	60
380-3-60 (4 WIRE)	342	418	16	85	1.4(2)	22.8	35
460-3-60	414	506	16.4	69	0.7(2)	21.9	35
380/415-3-50 (4 WIRE)	342	457	15.8	91.1	1.8(2)	23.4	40

MODEL No.: OCU 100

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	30.1	183	1.4(2)	40.4	70
380-3-60 (4 WIRE)	342	418	15.8	91.1	1.4(2)	22.6	35
460-3-60	414	506	15.8	91.1	0.7(2)	21.2	35
380/415-3-50 (4 WIRE)	342	457	19.3	96.5	1.8(2)	27.7	45

NOTE: Refer to next page for legend & notes.

ELECTRICAL DATA

Single compressor (hermetic) units

MODEL No.: OCU 120

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	38.5	193	1.4(2)	50.9	90
380-3-60 (4 WIRE)	342	418	19.3	96.5	1.4(2)	26.9	45
460-3-60	414	506	19.3	96.5	0.7(2)	25.5	45
380/415-3-50 (4 WIRE)	342	457	21.4	115	1.8(2)	30.4	50

Dual compressor (hermetic) units

MODEL No.: OCU 075

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	11.4(2)	75(2)	1.4(2)	28.5	35
380-3-60 (4 WIRE)	342	418	4.8(2)	40(2)	1.4(2)	13.6	15
460-3-60	414	506	4.8(2)	40(2)	0.7(2)	12.2	15
380/415-3-50 (4 WIRE)	342	457	7.7(2)	41(2)	1.8(2)	20.9	25

MODEL No.: OCU 090

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	15.3(2)	82(2)	1.4(2)	37.2	50
380-3-60 (4 WIRE)	342	418	7.7(2)	41(2)	1.4(2)	20.1	25
460-3-60	414	506	7.7(2)	41(2)	0.7(2)	18.7	25
380/415-3-50 (4 WIRE)	342	457	8.2(2)	42(2)	1.8(2)	22.1	30

MODEL No.: OCU 100

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	16.8(2)	84(2)	1.4(2)	40.6	50
380-3-60 (4 WIRE)	342	418	8.2(2)	42(2)	1.4(2)	21.3	30
460-3-60	414	506	8.2(2)	42(2)	0.7(2)	19.9	25
380/415-3-50 (4 WIRE)	342	457	10.4(2)	55(2)	1.8(2)	27	35

MODEL No.: OCU 120

POWER SUPPLY (V-Ph-Hz)	VOLTAGE RANGE		COMPRESSOR		* FAN MOTOR FLA	MCA	MOCP
	MIN.	MAX.	RLA	LRA			
208/230-3-60	187	253	19.6(2)	105(2)	1.4(2)	46.9	60
380-3-60 (4 WIRE)	342	418	10.4(2)	55(2)	1.4(2)	26.2	35
460-3-60	414	506	10.4(2)	55(2)	0.7(2)	24.8	35
380/415-3-50 (4 WIRE)	342	457	11(2)	71(2)	1.8(2)	28.4	40

LEGEND:

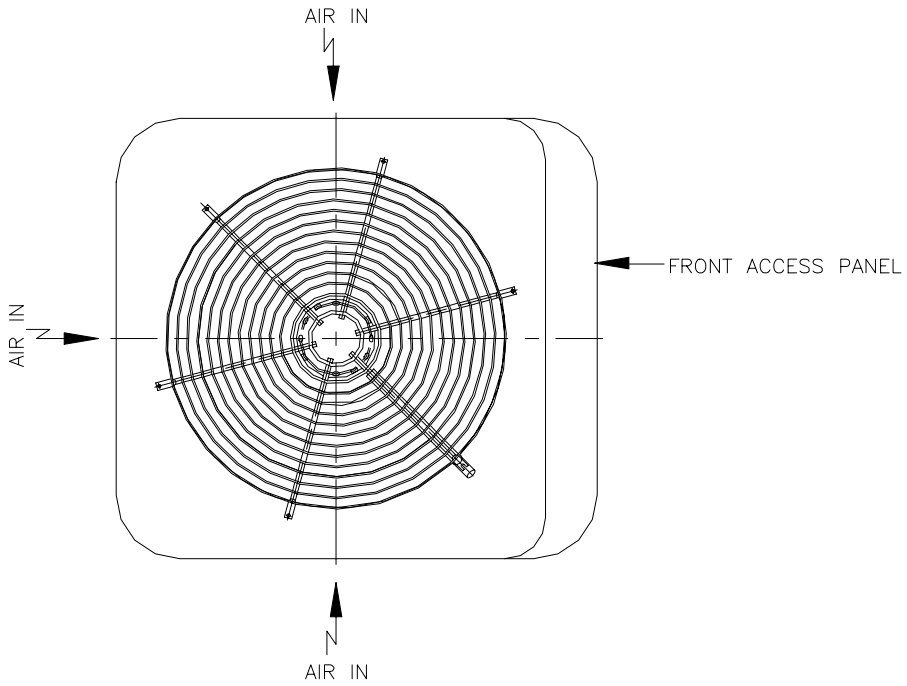
FLA - Full Load Amps
LRA - Locked Rotor Amps
RLA - Rated Load Amps
MOCP - Maximum Over Current Protection
MCA - Minimum Circuit Amps
Single phase motors

NOTES:

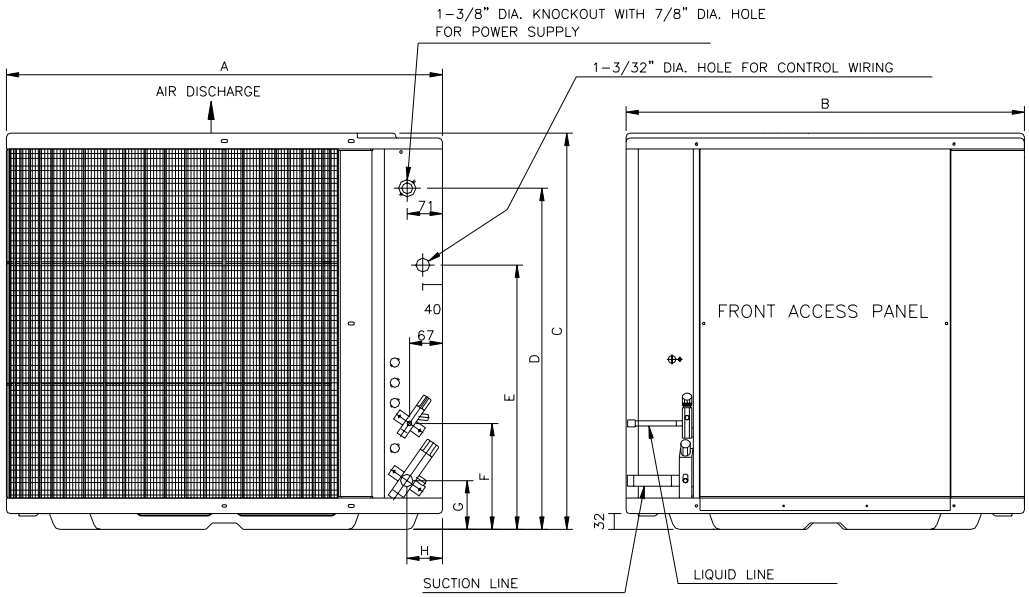
1. If other than 90°C copper wire is used, size can be determined from unit ampacity given in above table and applicable table of NEC. Wire size selected must have current capacity not less than that of copper wire specified and voltage drop should not exceed 2% of rated voltage. Must use copper wire from disconnect switch to the unit.

DIMENSIONS

OCU 030 - OCU 060



TOP VIEW



END VIEW

FRONT VIEW

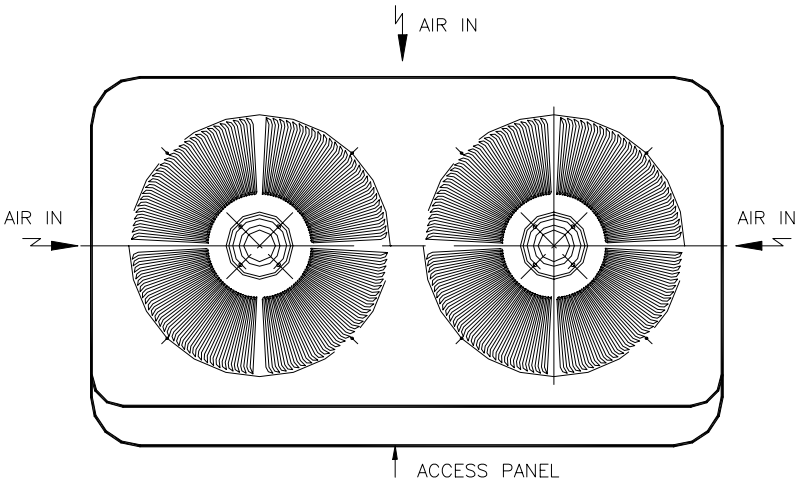
NOTES:

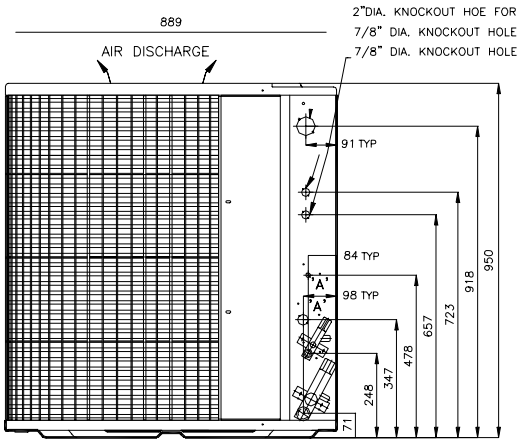
1. All dimension are in mm, unless otherwise specified.
2. Allow 32" (812mm) clearance to service end of the unit, 12" (305mm) on remaining sides and 24" (610mm) between units for proper airflow.

MODEL NUMBER	A	B	C	D	E	F	G	H
OCU030 - OCU036	711	610	708	596	440	175	86	57
OCU042 - OCU060	889	813	806	695	538	216	99	72

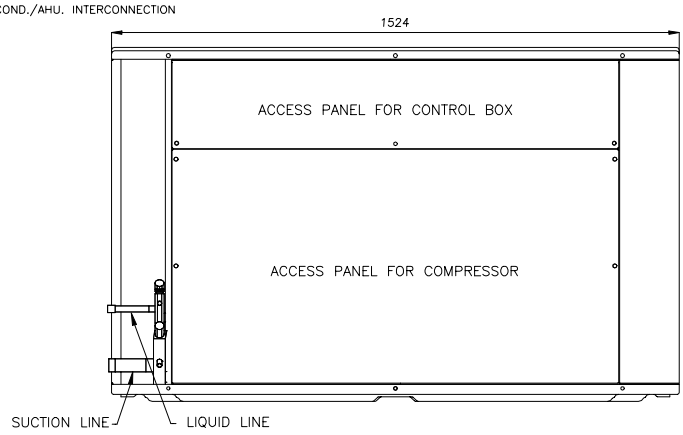
DIMENSIONS

OCU075 - OCU120





END VIEW



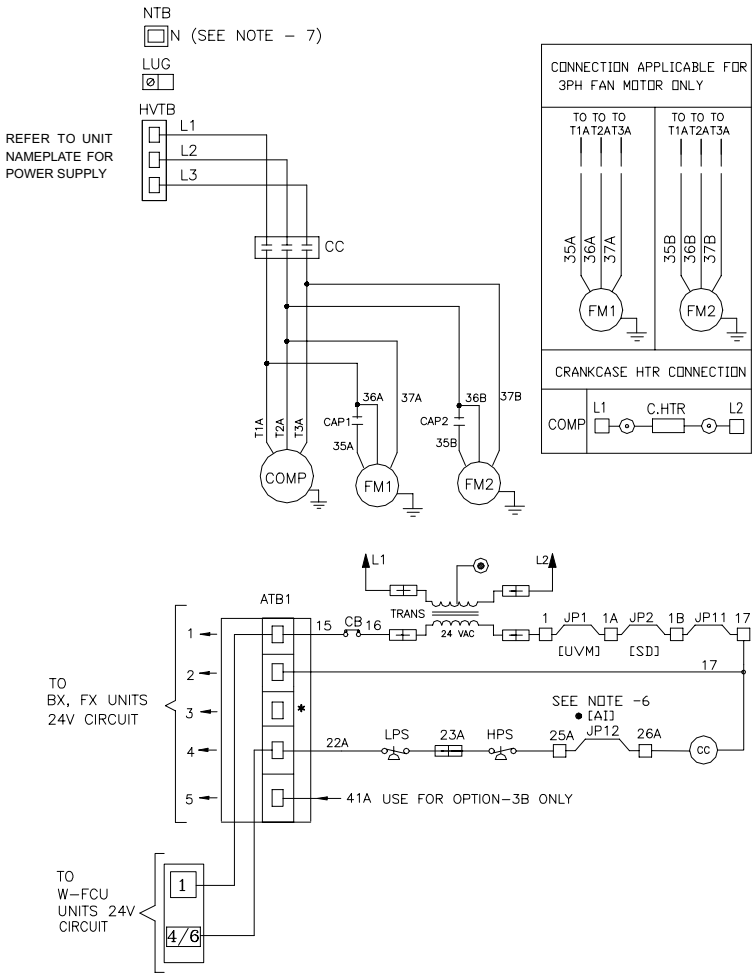
FRONT VIEW

NOTES:

1. All dimension are in mm, unless otherwise specified.
2. Allow 32" (812 mm) clearance to service end of the unit, 24" (610 mm) on remaining sides and 48" (1219 mm) between units for proper airflow.

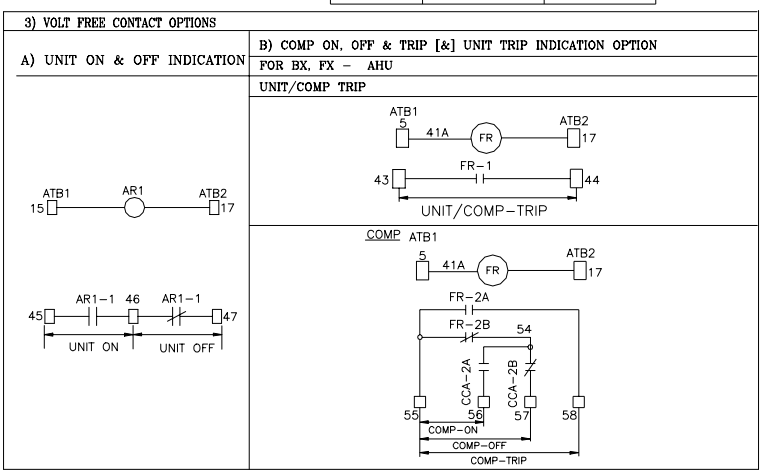
TYPICAL SCHEMATIC WIRING DIAGRAM (OPTIONAL)

(Single compressor units - Cool only)



SET POINTS

NAME	OPEN (PSIG)	CLOSE (PSIG)
LPS	25 ± 5	50 ± 5
HPS	450 ± 10	360 ± 15



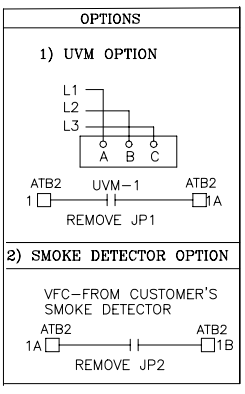
LEGEND	
AHU	AIR HANDLING UNIT
AI	ANTI ICE THERMOSTAT
AR	AUXILIARY RELAY
ATB	AUXILIARY TERMINAL BLOCK
CAP	CAPACITOR
CC	COMPRESSOR CONTACTOR
CB	CIRCUIT BREAKER
C. TR	CRANKCASE HEATER
COMP	COMPRESSOR
FM	FAN MOTOR (CONDENSER)
FMC	FAN MOTOR CONTACTOR
FR	FAULT RELAY
HPS	HIGH PRESSURE SWITCH
HVTB	HIGH VOLTAGE TERMINAL BLOCK
JP	JUMPER
L1	LINE 1
L2	LINE 2
L3	LINE 3
LPS	LOW PRESSURE SWITCH
LUG	LUG GROUND
N	NEUTRAL
NTB	NEUTRAL TERMINAL BLOCK
RR	RESET RELAY
SD	SMOKE DETECTOR
TRANS	TRANSFORMER
T'STAT	THERMOSTAT
UVM	UNDER VOLTAGE MONITOR
VFC	VOLT FREE CONTACT
– – –	FIELD WIRING
▭	DISCONNECT TAB - 1/4"
⊙	SPLICE-CLOSED END

NOTES

1. POWER SUPPLY, REFER TO UNIT NAMEPLATE.
2. ANY WIRE REPLACEMENT SHOULD BE OF THE 90½C OR ITS EQUIVALENT.
   USE COPPER CONDUCTOR WIRES ONLY.
3. POWER MUST BE SUPPLIED TO CRANKCASE HEATER FOR MINIMUM OF 12 HOURS PRIOR TO SYSTEM START UP.

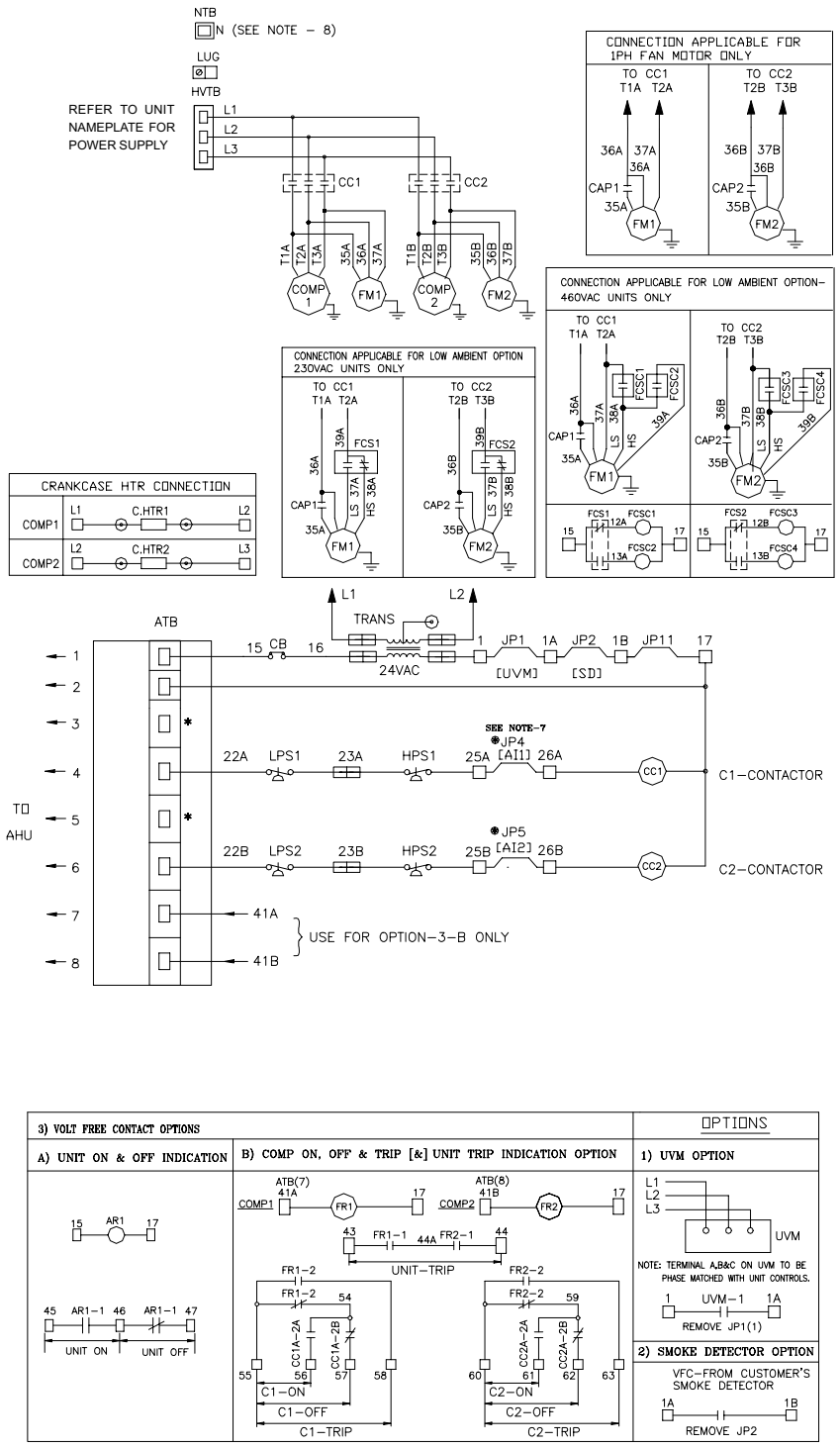
   IF POWER IS OFF 6 HOURS OR MORE, CRANKCASE HEATER MUST BE ON FOR 12 HOURS BEFORE OPERATING THE SYSTEM.

   FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN COMPRESSOR DAMAGE.
4. FUSED DISCONNECT SWITCH OR CIRCUIT BREAKER TO BE PROVIDED BY END USER WITH RATING AS RECOMMENDED BY OMRAN TAHVIEH.
5. * ATB 3 IS APPLICABLE FOR PDS OPTION UNITS ONLY.
6. REMOVE JUMPER FOR AI OPTION. ROUTE AI WIRES FROM AHU.
7. NEUTRAL LINE REQUIRED ON 380V-3Ph-60Hz & 380/415V-3Ph-50Hz POWER SUPPLY ONLY.



TYPICAL SCHEMATIC WIRING DIAGRAM (OPTIONAL)

(Dual compressor units - Cool only)



LEGEND	
AHU	AIR HANDLING UNIT
AI	ANTI ICE THERMOSTAT
AR	AUXILIARY RELAY
ATB	AUXILIARY TERMINAL BLOCK
CAP	CAPACITOR
CC	COMPRESSOR CONTACTOR
CB	CIRCUIT BREAKER
C. HTR	CRANKCASE HEATER
COMP	COMPRESSOR
FM	FAN MOTOR (CONDENSER)
FMC	FAN MOTOR CONTACTOR
FR	FAULT RELAY
HPS	HIGH PRESSURE SWITCH
HVTB	HIGH VOLTAGE TERMINAL BLOCK
JP	JUMPER
L1	LINE 1
L2	LINE 2
L3	LINE 3
LPS	LOW PRESSURE SWITCH
LUG	LUG GROUND
N	NEUTRAL
NTB	NEUTRAL TERMINAL BLOCK
RR	RESET RELAY
SD	SMOKE DETECTOR
TRANS	TRANSFORMER
T'STAT	THERMOSTAT
UVM	UNDER VOLTAGE MONITOR
VFC	VOLT FREE CONTACT
	FIELD WIRING
▭	DISCONNECT TAB - 1/4"
⦿	SPLICE-CLOSED END

NOTES

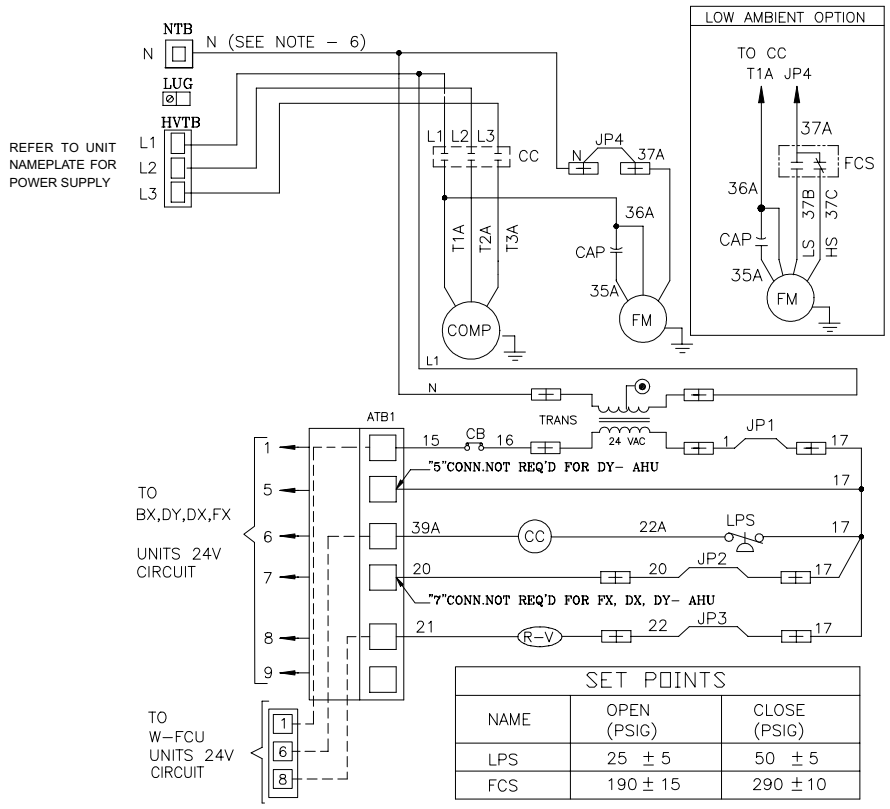
1. POWER SUPPLY, REFER TO UNIT NAMEPLATE.
2. ANY WIRE REPLACEMENT SHOULD BE OF THE 90½C OR ITS EQUIVALENT.
   USE COPPER CONDUCTOR WIRES ONLY.
3. POWER MUST BE SUPPLIED TO CRANKCASE HEATER FOR MINIMUM OF 12 HOURS PRIOR TO SYSTEM START UP.
   IF POWER IS OFF 6 HOURS OR MORE, CRANKCASE HEATER MUST BE ON FOR 12 HOURS BEFORE OPERATING THE SYSTEM.
   FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN COMPRESSOR DAMAGE.
4. FUSED DISCONNECT SWITCH OR CIRCUIT BREAKER TO BE PROVIDED BY END USER WITH RATING AS RECOMMENDED BY OMRAN TAHVIEH.
5. * ATB 3 & 5 IS APPLICABLE FOR PDS OPTION UNITS ONLY.
6. USE DISCONNECT TAB OR SPLICE ONLY WHEREEVER REQUIRED FOR EXTENSION OF ORIGINAL WIRE.
7. REMOVE JUMPER FOR AI OPTION. ROUTE AI WIRES FROM AHU.
8. NEUTRAL LINE REQUIRED ON 380V-3Ph-60Hz & 380/415V-3Ph-50Hz POWER SUPPLY ONLY.

SET POINTS

NAME	OPEN (PSIG)	CLOSE (PSIG)
LPS1&2	25 5	50 5
HPS1&2	450 10	360 15

TYPICAL SCHEMATIC WIRING DIAGRAM (OPTIONAL)

(Heat pump units)



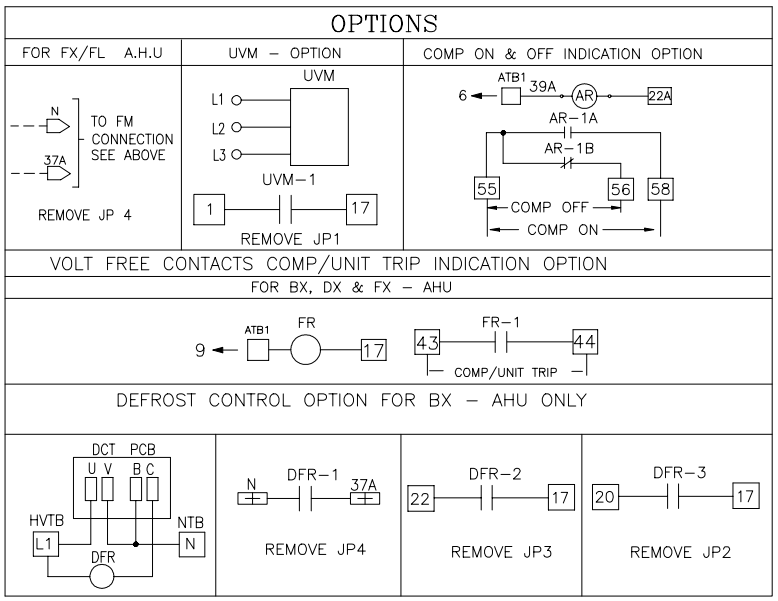
SET POINTS		
NAME	OPEN (PSIG)	CLOSE (PSIG)
LPS	25 ± 5	50 ± 5
FCS	190 ± 15	290 ± 10

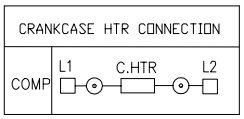
LEGEND	
AHU	AIR HANDLING UNIT
AI	ANTI ICE THERMOSTAT
AR	AUXILIARY RELAY
ATB	AUXILIARY TERMINAL BLOCK
CAP	CAPACITOR
CC	COMPRESSOR CONTACTOR
CB	CIRCUIT BREAKER
C. HTR	CRANKCASE HEATER
COMP	COMPRESSOR
FM	FAN MOTOR (CONDENSER)
FMC	FAN MOTOR CONTACTOR
FR	FAULT RELAY
HPS	HIGH PRESSURE SWITCH
HVTB	HIGH VOLTAGE TERMINAL BLOCK
JP	JUMPER
L1	LINE 1
L2	LINE 2
L3	LINE 3
LPS	LOW PRESSURE SWITCH
LUG	LUG GROUND
N	NEUTRAL
NTB	NEUTRAL TERMINAL BLOCK
RR	RESET RELAY
SD	SMOKE DETECTOR
TRANS	TRANSFORMER
T'STAT	THERMOSTAT
UVM	UNDER VOLTAGE MONITOR
VFC	VOLT FREE CONTACT
	FIELD WIRING
▭	DISCONNECT TAB - 1/4"
⊙	SPLICE-CLOSED END

NOTES

1. POWER SUPPLY, REFER TO UNIT NAMEPLATE.
2. ANY WIRE REPLACEMENT SHOULD BE OF THE 90½C OR ITS EQUIVALENT.
   USE COPPER CONDUCTOR WIRES ONLY.
3. POWER MUST BE SUPPLIED TO CRANKCASE HEATER FOR MINIMUM OF 12 HOURS PRIOR TO SYSTEM START UP.
   IF POWER IS OFF 6 HOURS OR MORE, CRANKCASE HEATER MUST BE ON FOR 12 HOURS BEFORE OPERATING THE SYSTEM.
   FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN COMPRESSOR DAMAGE.
4. FUSED DISCONNECT SWITCH OR CIRCUIT BREAKER TO BE PROVIDED BY END USER WITH RATING AS RECOMMENDED BY OMRAN TAHVIEH.
5. USE DISCONNECT TAB OR SPLICE ONLY WHEREEVER REQUIRED FOR EXTENSION OF ORIGINAL WIRE.
6. NEUTRAL LINE REQUIRED ON 380V-3Ph-60Hz & 380/415V-3Ph-50Hz POWER SUPPLY ONLY.

OPTIONS





INSTALLATION & START-UP INSTRUCTIONS

SAFETY CONSIDERATIONS

Improper installation, service, maintenance or use can cause explosion, fire, electrical shock or other conditions which may cause personal injury or property damage. Check with your nearest Omran tahvieh dealer/sales office for information or assistance.

Warning

Before installation or servicing the system, always turn off main power supply. Electrical shock can cause personal injury or death.

INSTALLATION

STEP-1:
Check equipment and job site

Unpack unit and move to final location taking care not to damage the unit. Remove screws holding the unit to wooden pallet and after removing wooden pallet, refix the screws.

STEP- 2:
Installationon a solid, level mounting pad

For proper drainage, the condensing unit must be raised off the mounting pad. If conditions require the unit be attached to the pad, tie down bolts should be used.

When installing, allow sufficient space for airflow clearance, wiring, refrigerant piping and service. Allow 32" (812 mm) clearance to service end of unit and 48" (1219 mm) above unit for proper airflow, and 12" (305 mm) [24" (610 mm) for OCU 075 - OCU 120] on all remaining sides must be maintained.Maintain a distance of 24" (610 mm) [48" (1219 mm) for OCU 075 - OCU 120] between units.

On rooftop applications, locate unit at least 6" (152 mm) above roof surface. Place unit above a load-bearing wall, isolate unit and piping set from structure.

Arrange supporting members to adequately support unit and minimize transmission of vibration to building.

STEP-3:
Piping connections

Outdoor units should be connected to indoor units using field-supplied piping of refrigerant grade and correct size. The liquid and suction line diameters can be determined from the physical data table. For piping requirements beyond 50 ft (15.24 m), obtain information from your nearest Omran tahvieh dealer/sales office.

If either refrigerant piping or indoor coil is exposed to atmospheric conditions, it must be dehydrated to 500 microns to eliminate moisture contamination in the system.

It is advisable to size piping according to recommended ASHRAE methods. Install piping according to refrigeration standard practice. Run refrigerant pipes as directly as possible, avoiding unnecessary turns and bends. Install refrigerant pipes carefully to prevent damaging the suction pipe insulation and vibration transmission to the structure.

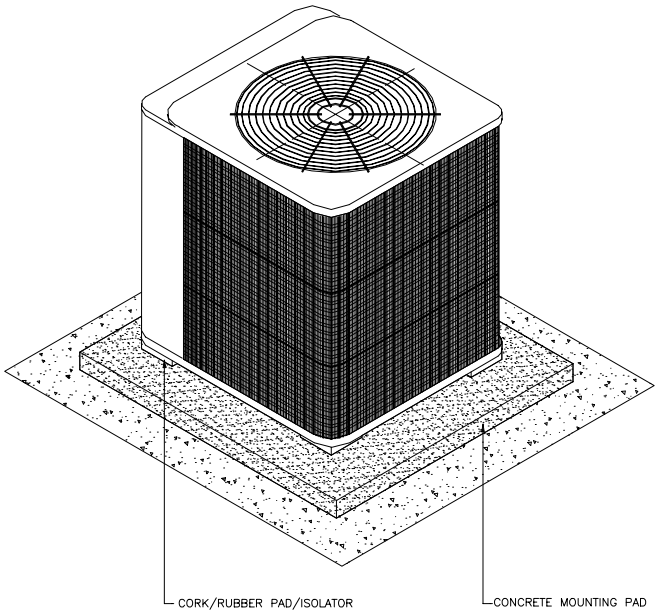
Outdoor unit connected to factory matched indoor unit

Outdoor unit contains correct system refrigerant charge for operation with matched indoor unit as given on cooling capacity table and when connected with up to 25 ft (7.62 m) of field-supplied piping. Check refrigerant charge for maximum efficiency.

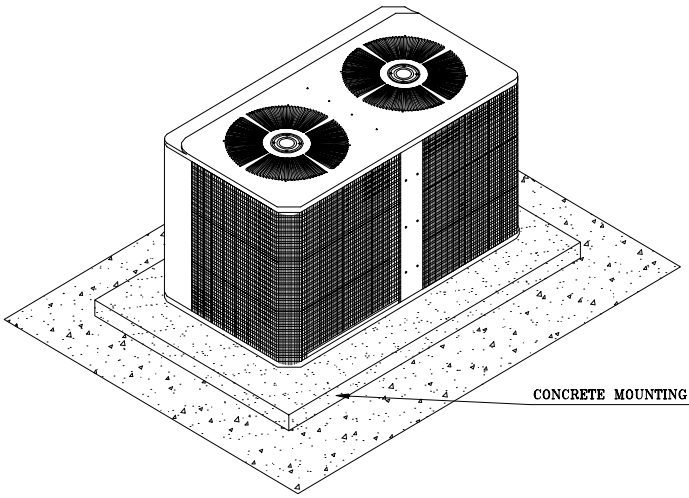
Sweat connection

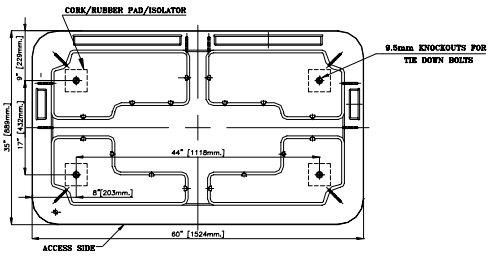
Use refrigerant grade piping. Service valves are closed from factory when shipped and ready for brazing. After wrapping the service valve with a wet cloth, the piping set can be brazed to service valve using either silver rod or silfos rod brazing material. When brazing completed, refrigerant piping and indoor coil are now ready for leak testing. This check should also include all field and factory brazed joints.

TYPICAL INSTALLATION



OCU 030 - OCU 060





OCU 075 - OCU 120

NOTES:

1. For proper drainage, the condensing unit must be raised off the mounting pad.
2. If unit is required to be attached to pad, tie down bolts should be used.
3. On roof top applications locate unit at least 6" above roof surface, isolate unit & piping set from structure.

ELECTRICAL

STEP 1: INSTALLATION

A) Please ensure power supply to the unit is as per unit nameplate (Volts/Ph/Hz) requirements.

Caution: Operation of the unit on improper power supply will result in damage to the unit.

Note: Use copper wires of proper rating for all field wiring.

Warning: Before servicing or installation of the unit, always TURN OFF all power to the unit. There may be more than one disconnect switch. Ensure all of them are turned off. Electrical shock can cause personal injury or death.

B) Ground& powerwires

Connect power wires to terminal block per wiring diagram.
Connect ground wire to the ground lug inside the control box.

STEP 2: START-UP

1) Energize crankcase heater for a minimum of 12 hours prior to the system start-up. To energize crankcase heater only, set thermostat to "off" position and close electrical disconnect switch to the outdoor unit.
2) Fully open liquid/suction service valves.
3) Close electrical disconnect switch to energize the system.
4) Set room thermostat to desired temperature.

SYSTEM DESIGN

THE CLASSIC CONDENSING UNIT SYSTEM HAS BEEN DESIGNED BASED ON THE FOLLOWING:

- Intended for outdoor installation with free air intake and discharge.
- Minimum outdoor operating air temperature during cooling without low ambient operation option is 55^0F.
- Maximum outdoor operating air temperature during cooling is 130^0F.
- For reliable operation, unit should be level on horizontal plane.
- For interconnecting refrigerant pipe lengths greater than 50 feet, check with your local Omran tahvieh sales office.
- Use only copper wire for electric connection at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.

PARTS LIST

(Single compressor units)

MODEL NUMBER	OCU030C	OCU030H	OCU030M	OCU030F	OCU030B	OCU030L	OCU036C	OCU036H	OCU036M
COMPRESSOR	800-673-32	800-673-33	800-674-00	800-673-34	800-673-37	800-673-65	800-673-61	800-673-64	800-671-89
FAN MOTOR	800-545-64	800-545-64	800-545-64	800-545-71	800-545-72	800-545-72	800-545-64	800-545-64	800-545-64
FAN MOTOR CAPACITOR	800-572-07	800-572-18	800-572-18	800-572-18	800-572-07	800-572-18	800-572-07	800-572-18	800-572-18
CONDENSER FAN	800-224-26	800-224-26	800-224-26	800-224-26	800-224-26	800-224-26	800-224-26	800-224-26	800-224-26
COMPRESSOR CONTACTOR	800-736-04	800-095-00	800-095-00	800-095-00	800-736-04	800-095-00	800-736-04	800-095-01	800-095-00
TRANSFORMER (24V)	800-012-30	800-012-30	800-012-30	800-012-31	800-012-30	800-012-30	800-012-30	800-012-30	800-012-30
LOW PRESSURE SWITCH	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00

MODEL NUMBER	OCU036F	OCU036B	OCU036L	OCU042C	OCU042H	OCU042M	OCU042F	OCU042L	OCU048C
COMPRESSOR	800-673-65	800-673-38	800-673-66	800-673-35	800-673-36	800-671-89	800-673-66	800-673-68	800-673-62
FAN MOTOR	800-545-71	800-545-72	800-545-72	800-544-02	800-544-02	800-544-02	800-544-45	800-555-26	800-544-02
FAN MOTOR CAPACITOR	800-572-18	800-572-07	800-572-18	800-572-23	800-572-18	800-572-18	800-572-18	800-572-18	800-572-23
CONDENSER FAN	800-224-26	800-224-26	800-224-26	800-225-00	800-225-00	800-225-00	800-225-00	800-225-00	800-225-00
COMPRESSOR CONTACTOR	800-095-00	800-736-04	800-095-00	800-736-04	800-095-00	800-095-00	800-095-00	800-095-00	800-736-04
TRANSFORMER (24V)	800-012-31	800-012-30	800-012-30	800-012-30	800-012-30	800-012-30	800-012-31	800-012-30	800-012-30
LOW PRESSURE SWITCH	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00

MODEL NUMBER	OCU048H	OCU048M	OCU048F	OCU048L	OCU060C	OCU060H	OCU060M	OCU060F	OCU060L
COMPRESSOR	800-673-67	800-671-88	800-673-68	800-673-70	800-673-72	800-673-73	800-672-52	800-673-71	800-676-52
FAN MOTOR	800-544-02	800-544-02	800-544-45	800-555-26	800-544-02	800-544-02	800-544-02	800-544-45	800-555-26
FAN MOTOR CAPACITOR	800-572-18	800-572-18	800-572-18	800-572-18	800-572-84	800-572-18	800-572-18	800-572-18	800-572-18
CONDENSER FAN	800-225-00	800-225-00	800-225-00	800-225-00	800-225-00	800-225-00	800-225-00	800-225-00	800-225-00
COMPRESSOR CONTACTOR	800-095-00	800-095-00	800-095-00	800-095-00	800-736-51	800-097-00	800-095-00	800-095-00	800-095-00
TRANSFORMER (24V)	800-012-30	800-012-30	800-012-31	800-012-30	800-012-30	800-012-30	800-012-30	800-012-31	800-012-30
LOW PRESSURE SWITCH	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00

MODEL NUMBER	OCU075H	OCU075M	OCU075F	OCU075L	OCU090H	OCU090M	OCU090F	OCU090L
COMPRESSOR	800-672-22	800-672-24	800-672-23	800-672-27	800-672-25	800-672-26	800-672-27	800-641-42
FAN MOTOR	800-545-64	800-545-64	800-545-71	800-545-72	800-545-64	800-545-64	800-545-71	800-545-72
FAN MOTOR CAPACITOR	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18
CONDENSER FAN	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25
COMPRESSOR CONTACTOR	800-736-03	800-095-00	800-095-00	800-095-00	800-097-00	800-095-00	800-095-00	800-095-00
TRANSFORMER (24V)	800-012-00	800-012-00	800-012-01	800-012-00	800-012-00	800-012-00	800-012-01	800-012-00
LOW PRESSURE SWITCH	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00
HIGH PRESSURE SWITCH	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00

PARTS LIST

(Single compressor units)

MODEL NUMBER	OCU100H	OCU100M	OCU100F	OCU100L	OCU120H	OCU120M	OCU120F	OCU120L
COMPRESSOR	800-372-00	800-641-42	800-641-42	800-175-00	800-641-21	800-175-00	800-175-00	800-672-15
FAN MOTOR	800-545-64	800-545-64	800-545-71	800-545-72	800-545-64	800-545-64	800-545-71	800-545-72
FAN MOTOR CAPACITOR	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18
CONDENSER FAN	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25
COMPRESSOR CONTACTOR	800-097-00	800-095-00	800-095-00	800-736-03	800-736-46	800-095-00	800-095-00	800-736-03
TRANSFORMER (24V)	800-012-00	800-012-00	800-012-01	800-012-00	800-012-00	800-012-00	800-012-01	800-012-00
LOW PRESSURE SWITCH	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00
HIGH PRESSURE SWITCH	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00

Dual compressor units

MODEL NUMBER	OCU075H	OCU075M	OCU075F	OCU075L	OCU090H	OCU090M	OCU090F	OCU090L
COMPRESSOR	800-672-53	800-672-54	800-672-54	800-671-89	800-672-91	800-671-89	800-671-89	800-671-88
FAN MOTOR	800-545-64	800-545-64	800-545-71	800-545-72	800-545-64	800-545-64	800-545-71	800-545-72
FAN MOTOR CAPACITOR	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18
CONDENSER FAN	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25
COMPRESSOR CONTACTOR	800-095-00	800-095-00	800-095-00	800-095-00	800-095-00	800-095-00	800-095-00	800-095-00
TRANSFORMER (24V)	800-012-00	800-012-00	800-012-01	800-012-14	800-012-00	800-012-00	800-012-01	800-012-14
LOW PRESSURE SWITCH	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00
HIGH PRESSURE SWITCH	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00

MODEL NUMBER	OCU100H	OCU100M	OCU100F	OCU100L	OCU120H	OCU120M	OCU120F	OCU120L
COMPRESSOR	800-672-50	800-671-88	800-671-88	800-672-52	800-672-51	800-672-52	800-672-52	800-672-23
FAN MOTOR	800-545-64	800-545-64	800-545-71	800-545-72	800-545-64	800-545-64	800-545-71	800-545-72
FAN MOTOR CAPACITOR	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18	800-572-18
CONDENSER FAN	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25	800-224-25
COMPRESSOR CONTACTOR	800-095-00	800-095-00	800-095-00	800-095-00	800-736-03	800-095-00	800-095-00	800-095-00
TRANSFORMER (24V)	800-012-00	800-012-00	800-012-01	800-012-14	800-012-00	800-012-00	800-012-01	800-012-14
LOW PRESSURE SWITCH	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00	800-557-00
HIGH PRESSURE SWITCH	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00	800-558-00