

(NEW)

WEIGHT DATA

Model Number	Net				Shipping			
	Base		Max.		Base		Max.	
	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg
024S	531	241	631	286	591	268	700	318
030S	533	242	633	287	593	269	702	318
036S	534	242	634	288	594	269	703	319
048S	571	259	682	309	631	286	751	341
060S	601	273	712	323	661	300	781	354
072S	700	318	798	362	760	345	870	395
090S	783	355	883	401	843	382	953	432

Base Unit - The unit with standard heat exchanger NO OPTIONS.

Max. Unit - The unit with ALL OPTIONS Installed. (High Input Heat Exchanger, Economizer, etc.)

OPTIONS / ACCESSORIES

	Shipping Weights		
	lbs.	kg	
ECONOMIZER / OUTDOOR AIR / EXHAUST			
Economizer			
Economizer - Includes Barometric Relief Dampers and Exhaust Hood	131	59	
Outdoor Air Dampers			
Motorized	25	12	
Manual	18	9	
Power Exhaust			
Standard Static	35	17	
GAS HEAT			
Medium Heat (adder over standard heat)	8	4	
High Heat (adder over standard heat)	19	9	
ROOF CURBS			
Hybrid Roof Curbs, Downflow			
8 in. height	50	23	
14 in. height	70	32	
18 in. height	80	36	
24 in. height	100	45	
Clip Curbs, Full Perimeter, Downflow			
8 in. height	83	38	
14 in. height	101	46	
18 in. height	113	51	
24 in. height	131	59	
Hinged, Full Perimeter, Downflow			
8 in. height	83	38	
18 in. height	113	49	
24 in. height	131	59	
Standard, Full Perimeter, Downflow			
14 in. height	101	46	
CEILING DIFFUSERS			
Step-Down	RTD9-65	67	30
	RTD11-95	88	40
Flush	FD9-65	37	17
	FD11-95	75	34
Transitions (Supply and Return)	T1TRAN10AN1	22	10
	T1TRAN20N-1	21	10



General Data

(Existing)

MODEL	YCC048F1M0B	YCC048F3M0B	YCC048F1H0B	YCC048F3H0B
	208-230/1/60	208-230/3/60	208-230/1/60	208-230/3/60
RATED VOLTS/PH/HZ				
RATINGS (COOLING) ①				
BTUH	46500	46500	48000	48000
Indoor Airflow (CFM)	1600	1600	1600	1600
Power Input (KW)	5.23	5.23	5.19	5.05
EER/SEER (BTU/Watt-Hr.)	8.90 / 10.00	8.90 / 10.00	9.25 / 10.00	9.50 / 10.00
Noise Rating No. ①	8.2	8.2	8.4	8.4
A.G.A. RATINGS (HEATING) ②				
(High) Input BTUH	100000	100000	125000	125000
Capacity BTUH ③⑦	80000	80000	100000	100000
AFUE	78%	78%	78%	78%
Temp. Rise °F. (Min./Max.)	30 - 60	30 - 60	45 - 75	45 - 75
(Low) Input BTUH	80000	80000	100000	100000
Capacity BTUH ③⑦	64000	64000	80000	80000
AFUE	80%	80%	80%	80%
Temp. Rise °F. (Min./Max.)	30 - 60	30 - 60	45 - 75	45 - 75
Type of Gas ③	NATURAL	NATURAL	NATURAL	NATURAL
POWER CONNS. — V/PH/HZ				
Min. Brch. Cir. Ampacity	208-230/1/60	208-230/3/60	208-230/1/60	208-230/3/60
Br. Cir. Max. (Amps)	33.0	24.8	36.4	26.8
Prot. Rtg. Recmd. (Amps)	50	40	50	40
COMPRESSOR				
No. Used	1	1	1	1
Volts/Ph/Hz	208-230/1/60	208-230/3/60	208-230/1/60	208-230/3/60
R.L. Amps — L.R. Amps	21.7 - 119	15.1 - 101.0	20.3 - 119.0	14.2 - 101
OUTDOOR COIL — TYPE				
Rows / F.P.I.	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Face Area (Sq. Ft.)	2 / 15	2 / 15	2 / 15	2 / 15
Tube Size (in.)	8.62	8.62	9.2	9.2
INDOOR COIL — TYPE				
Rows / F.P.I.	3/8	3/8	3/8	3/8
Face Area (Sq. Ft.)	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Tube Size (in.)	3 / 15	3 / 15	3 / 15	3 / 15
Refrigerant Control	4.28	4.28	5.4	5.4
Drain Conn. Size (in.)	3/8	3/8	3/8	3/8
Duct Connections	CAPILLARY	CAPILLARY	CAPILLARY	CAPILLARY
OUTDOOR FAN — TYPE				
No. Used / Dia. (in.)	3/4" FEMALE	3/4" FEMALE	3/4" FEMALE	3/4" FEMALE
Type Drive / No. Speeds	SEE OUTLINE DRAWING	SEE OUTLINE DRAWING	SEE OUTLINE DRAWING	SEE OUTLINE DRAWING
No. Motors — HP	PROPELLER	PROPELLER	PROPELLER	PROPELLER
Motor Speed R.P.M.	1 / 18	1 / 18	1 / 22	1 / 22
Volts/PH/HZ	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1
F.L. Amps — L.R. Amps	1 - 1/5	1 - 1/5	1 - 1/2	1 - 1/2
INDOOR FAN — TYPE				
Dia. x Width (in.)	1080	1080	1080	1080
No. Used	200-230/1/60	200-230/1/60	200-230/1/60	200-230/1/60
Drive / Speeds (No.)	1.6 - 3.3	1.6 - 3.3	3.3/3.9 - 8.5	3.3/3.9 - 8.5
No. Motors — HP	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Motor Speed R.P.M.	10 X 10	10 X 10	11 X 11	11 X 11
Volts/PH/HZ	1	1	1	1
F.L. Amps	DIRECT / 1	DIRECT / 1	DIRECT / 2	DIRECT / 2
COMBUSTION FAN — TYPE				
Drive — Speeds (No.)	1 - 3/4	1 - 3/4	1 - 3/4	1 - 3/4
Motor HP — Speed (RPM)	1145	1145	1080	1080
Volts/PH/HZ	200-230/1/60	200-230/1/60	200-230/1/60	200-230/1/60
F.L. Amps	4.3 - 11.2	4.3 - 11.2	5.0/4.3 - 9.7	5.0/4.3 - 9.7
FILTER — FURNISHED?				
Type Recommended	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Min Face Area-Lo (sq. ft.) ⑥	DIRECT - 1	DIRECT - 1	DIRECT - 1	DIRECT - 1
REFRIGERANT				
Charge (lbs. of R-22) ④	1/35 - 3480	1/35 - 3480	1/35 - 3480	1/35 - 3480
GAS PIPE SIZE (IN.)				
Charge (lbs. of R-22) ④	208-240/1/60	208-240/1/60	208-240/1/60	208-240/1/60
DIMENSIONS				
Crated (in.)	0.6	0.6	0.6	0.6
Uncrated	NO	NO	NO	NO
WEIGHT				
Shipping (lbs.) / Net (lbs.)	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
	5.33	5.33	5.33	5.33
	6.42 LBS.	6.42 LBS.	8 LBS.	8 LBS.
	1/2"	1/2"	1/2"	1/2"
	H X W X D	H X W X D	H X W X D	H X W X D
	35-1/4 X 38 X 64-5/8	35-1/4 X 38 X 64-5/8	39-3/8 X 47 X 66-1/4	39-3/8 X 47 X 66-1/4
	SEE OUTLINE DRAWING	SEE OUTLINE DRAWING	SEE OUTLINE DRAWING	SEE OUTLINE DRAWING
	461 / 414	461 / 414	592 / 523	587 / 518

*See unit nameplate for proper input adjustment

① Rated in accordance with A.R.I. Standard 210/240. Noise tested in accordance with A.R.I. Standard 270. A.R.I. standard rating conditions are: 80 D.B. 67 W.B. entering air to indoor coil. 95 D.B. entering air to outdoor coil.

② All models are UL Listed. Ratings shown are for elevations up to 2000 ft. For higher elevations reduce ratings at a rate of 4% per 1000 ft. elevation.

③ Convertible to LPG.

④ This value is approximate. For more precise value, see Unit Nameplate.

⑤ Based on U.S. Government Standard Tests

⑥ Filters must be installed in return air stream. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendation with a clean resistance of 0.05" W.C.

⑦ Unit is shipped on high input. Unit is convertible to low input with a Low Fire accessory kit.