



TECHNICAL GUIDE

ACCLIMATE™

SPLIT-SYSTEM AIR CONDITIONERS

16 SEER – R-410A

MODELS:

AL6B024 THRU 060

(2 THRU 5 NOMINAL TONS)



Due to continuous product improvement, specifications are subject to change without notice.

Visit us on the web at

www.upgnet.com and www.luxaire.com

Additional rating information can be found at

www.ahridirectory.org

WARRANTY

Standard 5-year limited parts warranty.

10-year limited compressor warranty.

Premium System Warranty - Limited lifetime compressor when matched with an approved Johnson Controls Unitary Products premium furnace and coil or premium air handler.

Extended 10-year limited parts warranty when product is registered online within 90 days of purchase for replacement or closing for new home construction.

DESCRIPTION

The 16 SEER Series unit is the outdoor part of a versatile climate system. It is designed with a matching indoor coil component from Johnson Controls Unitary Products. Available for typical applications, this climate system is supported with accessories and documents to serve specific functions.

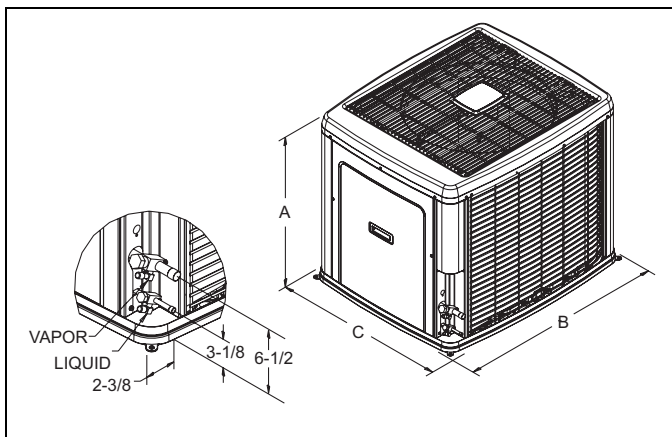
FEATURES

- **Superior Coil Protection** – A decorative, stamped metal coil guard completely protects coil from debris and other large damaging material.
- **Isolated Compressor Compartment** – A molded composite bulkhead isolates the compressor from the rest of the unit, reducing sound and vibration.
- **Protected Compressors** – Each compressor is protected against abnormal pressures by an internal pressure relief valve and factory installed high and low pressure controls. Additional protection against moisture and debris is provided by factory installed liquid line filter driers.
- **Environmentally Friendly Refrigerant** – Next generation refrigerant R-410A delivers environmentally friendly performance with zero ozone depletion.
- **Durable Finish** – Automotive quality finish provides the ultimate protection from harmful U.V. rays and rust creep, ensuring long-lasting, high quality appearance. A powder-paint topcoat is applied over a baked-on primer, using a galvanized, zinc coated steel base material. The result is a finish that has been proven in testing to provide 33% greater durability than conventional powder-coat finishes.
- **Lower Installed Cost** – Designed to provide enhanced installability by featuring a slide-down control compartment and angled service valves to reduce overall installation time and cost.
- **Low Operating Sound Levels** – A fan design boasting technology adapted from aeronautic and defense engineering provides for whisper quiet operation by allowing airflow to flow smoothly and efficiently across the fan tips.
- **Filter-Drier** – A factory installed, solid core liquid line filter-drier filters harmful debris and moisture from the system.
- **Easy Service Access** – A full end, full service, access panel with handle makes for easy entry to internal components.
- **Composite Base** - Strong and durable composite base pan resists rust and corrosion while it helps reduce vibrations and noise.
- **SilentDrive™ System** - Features combination of swept-wing fan, composite base pan, isolated compressor compartment, and single-stage compressor to reduce overall sound to a mere whisper.
- **Low RPM fan motor** - Helps to reduce airflow noise.
- **Communications Capable** – Requiring only a simple 4-wire installation, the communicating capability enables the use of the Touch Screen Communicating Control, allowing real time visibility of system operation and the use of diagnostic features, while still maintaining the ability to function with a traditional thermostat.
- **Agency Listed - U.L. and C.U.L. listed** - approved for outdoor application. The unit is certified in accordance with the Unitary Small Equipment certification program, which is based on AHRI Standard 210/240.

PHYSICAL AND ELECTRICAL DATA

MODEL		AL6B024F3(C)	AL6B030F3(C)	AL6B036F3(C)	AL6B042F3(C)	AL6B048F3(C)	AL6B060F3(C)
Unit Supply Voltage		208-230V, 1 ϕ , 60Hz					
Normal Voltage Range ¹		187 to 252					
Minimum Circuit Ampacity		17.3	18.1	22.9	23.7	27.7	29.5
Max. Overcurrent Device Amps ²		30	30	40	40	45	50
Min. Overcurrent Device Amps ³		20	20	25	25	30	35
Multi-Stage Compressor		No	No	No	No	No	No
Compressor Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor Amps	Rated Load	13.4	14.1	17.3	17.9	21.1	21.4
	Locked Rotor	58.3	73.0	96.7	112	106	135
Crankcase Heater		No	No	No	No	No	No
Factory External Discharge Muffler		No	No	No	No	No	No
Factory External Check Valve		No	No	No	No	No	No
HS Kit Required with TXV ⁴		No	No	No	No	No	No
Fan Motor Amps	Rated Load	0.5	0.5	1.3	1.3	1.3	2.8
Fan Diameter Inches		22	22	22	22	24	24
Fan Motor	Rated HP	1/15	1/15	1/4	1/4	1/4	1/3
	Nominal RPM	850	850	850	850	850	917
	Nominal CFM	2020	2045	3240	3300	3800	3900
Coil	Face Area Sq. Ft.	14.10	13.97	16.12	19.34	22.82	22.82
	Rows Deep	1	1	1	1	1	1
	Fins / Inch	23	23	23	23	23	23
Liquid Line Set OD (Field Installed)		3/8	3/8	3/8	3/8	3/8	3/8
Vapor Line Set OD (Field Installed)		3/4	3/4	3/4	7/8	7/8	1-1/8
Unit Charge (Lbs. - Oz.) ⁵		3 - 12	4 - 6	5 - 0	6 - 4	6 - 5	6 - 14
Charge Per Foot, Oz.		0.62	0.62	0.62	0.67	0.67	0.75
Operating Weight Lbs.		159	166	192	209	225	235

1. Rated in accordance with ANSI/AHRI Standard 110-2002, utilization range "A".
2. Dual element fuses or HACR circuit breaker. Maximum allowable overcurrent protection.
3. Dual element fuses or HACR circuit breaker. Minimum recommended overcurrent protection.
4. See Hard Start Kit Accessory Installation Manual for Hard Start Kit part number for each model.
5. The Unit Charge is correct for the outdoor unit, matched indoor coil, and 15 feet of refrigerant tubing. For tubing lengths other than 15 feet, add or subtract the amount of refrigerant, using the difference in length multiplied by the per foot value.



All dimensions are in inches. They are subject to change without notice. Certified dimensions will be provided upon request.

Unit Model	Dimensions (Inches)			Refrigerant Connection Service Valve Size	
	A	B	C	Liquid	Vapor
024	29-1/2	37	31	3/8"	3/4"
030	29-1/2	37	31		
036	33-1/2	37	31		
042	39-1/2	37	31		7/8"
048	39-1/2	42	34		
060	39-1/2	42	34		

* Expander fitting required for 1-1/8" line set.

System Charge for Various Matched Systems						
Outdoor Unit	AL6B024F3(C)	AL6B030F3(C)	AL6B036F3(C)	AL6B042F3(C)	AL6B048F3(C)	AL6B060F3(C)
Approved System Thermal Expansion Valve ¹	4F1	4F1	4F1	4N1	4N1	4H1
Indoor Coil ^{2,3,4}	TXV Kit ⁵ - Additional Charge, Oz					
AHE24B	9	—	—	—	—	—
AHE30B	9	0	—	—	—	—
AHE36C	15	6	0	—	—	—
AHE42D	—	9	3	3	—	—
AHE48D	—	13	7	7	4	—
AHE60D	—	—	12	12	9	4
AHP30	9	0	—	—	—	—
AHP36	—	6	0	—	—	—
AHP42	—	—	0	—	—	—
AHP48	—	—	—	7	4	—
AHP60	—	—	—	7	4	—
AHR24B	9	—	—	—	—	—
AHR30B	—	0	—	—	—	—
AHR36B	—	6	0	—	—	—
AHR42C	—	—	3	3	—	—
AHR48D	—	—	—	7	4	—
AHR60D	—	—	—	12	9	4
AV*36	15	6	0	—	—	—
AV*48	—	—	7	7	4	—
AV*60	—	—	—	7	4	0
AHX24	4	—	—	—	—	—
AHX30	12	0	—	—	—	—
AHX36	15	6	0	—	—	—
AHX42	—	—	3	3	—	—
AHX48	—	—	7	7	4	—
AHX60	—	—	12	12	9	4
F6FP030	9	0	—	—	—	—
F6FP036	9	0	—	—	—	—
F6FP042	—	9	3	3	—	—
F6FP048	—	13	7	7	4	—
F6FP060	—	—	12	12	9	4
F4FV060	—	—	7	7	4	—
FC/MC/PC32	9	0	—	—	—	—
FC/MC/PC35	9	0	—	—	—	—
FC/MC/PC37	15	6	0	—	—	—
FC/MC/PC43	15	6	0	0	—	—
FC/MC/PC48	—	9	3	3	0	—
FC/MC/PC60	—	13	7	7	4	0
FC/MC62	—	—	12	12	9	4
FC64	—	—	18	18	15	11
HD48	—	—	3	3	0	—
HD60	—	—	7	7	4	—
UC48	—	9	3	—	0	—
UC60	—	13	7	7	4	—

Some of the combinations shown in the above System Charge table require Advanced Main Air Circulating Fan indoor product. For approved coil only matches, please see the "COOLING CAPACITY - Upflow, Downflow & Horizontal Furnaces and Coils" table.

FOOTNOTES:

1. For applications requiring a TXV use S1-1TVM*** series kit.
2. Systems matched with furnace or air handlers not equipped with blower-off delays may require blower Time Delay Kit S1-2FD06700224.
3. PC coils cannot be used in downflow or horizontal applications. FC coils cannot be used in horizontal applications.
4. Refer to Cooling Performance Data tables for actual performance for specified system matches.
5. A TXV kit must be used with these coils to obtain system performance.

Note: If a TXV is factory installed on the coil, it must be replaced with the listed TXV.

PROCEDURES:

1. Unit factory charge listed on the unit nameplate includes refrigerant for the condenser, the smallest evaporator, and 15 feet of interconnecting line tubing.
2. Verify the TXV and additional charge required for specific evaporator coil in the system using the above table.
3. Additional charge for the amount of interconnecting line tubing greater than 15 feet at the rate specified in Physical and Electrical Data Table.
4. For TXV matches requiring additional charge, the refrigerant needs to be weighed in for specific coil match and lineset length.
5. Permanently mark the unit nameplate with the total system charge. Total System Charge = Base Charge (as shipped) + charge adder for evaporator + charge adder for line set.

COOLING CAPACITY - With Air Handler Coils

UNIT MODEL	AIR HANDLER		COIL MODEL ¹	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
16 SEER AC WITH AIR HANDLERS								
AL6B024F3(C)	AHE24B	17	—	795	24.8	17.0	16.75	13.50
	AHE30B	17	—	795	24.8	17.0	16.75	13.50
	AHE36C	21	—	855	25.4	18.0	17.50	14.00
	AHP30	17	—	800	23.6	17.0	14.50	12.00
	AHR24B	17	—	740	23.6	16.6	15.00	12.75
	AV*36	21	—	725	24.8	16.7	17.25	14.00
	AHX24	17	—	800	24.6	16.9	16.75	13.50
	AHX30	17	—	820	24.8	17.2	17.00	13.75
	AHX36	21	—	820	25.0	17.3	16.50	13.25
	F6FP030	17	—	850	24.8	17.2	16.50	13.25
	F6FP036	21	—	855	25.0	17.3	16.75	13.50
	MV12B	17	FC/MC35B	800	24.8	17.1	17.00	13.75
	MV12B	17	FC/MC43B	800	25.0	17.2	17.00	13.75
	MX12B	17	FC/MC35B	815	25.0	17.0	17.50	14.00
MX12B	17	FC/MC43B	735	24.8	16.8	17.50	14.00	
AL6B030F3(C)	AHE30B	17	—	985	30.0	20.6	15.75	12.75
	AHE36C	21	—	1000	30.8	21.2	16.50	13.50
	AHE42D	21	—	1000	31.2	21.6	17.00	13.75
	AHE48D	24	—	1000	30.8	21.4	16.75	13.75
	AHP30	17	—	1000	29.6	20.6	14.00	12.00
	AHP36	21	—	1000	30.0	21.0	14.25	12.25
	AHR30B	17	—	1115	30.0	21.6	14.00	12.00
	AHR36B	21	—	1060	30.4	21.6	14.25	12.25
	AV*36	21	—	960	30.6	21.0	16.25	13.50
	AHX30	17	—	1025	29.8	20.7	15.25	12.75
	AHX36	21	—	1005	30.8	21.4	16.75	13.50
	F6FP030	17	—	1035	30.0	20.6	15.25	12.50
	F6FP036	21	—	980	29.4	20.1	15.50	12.75
	F6FP042	24	—	1065	31.0	21.7	16.50	13.50
	F6FP048	24	—	1105	31.0	21.4	16.50	13.00
	MV12B	17	FC/MC35B	1010	29.8	20.5	15.75	13.00
	MV16C	21	FC/MC35C	1070	30.2	21.3	16.00	13.00
	MV12B	17	FC/MC43B	990	30.6	21.1	16.25	13.25
	MV16C	21	FC/MC43C	1000	30.8	21.2	16.25	13.25
	MV16C	21	FC/MC48C	1000	31.0	21.4	16.50	13.50
	MX12B	17	FC/MC35B	1085	30.6	21.6	16.25	13.00
	MX16C	21	FC/MC35C	1035	30.4	20.8	16.75	13.50
	MX12B	17	FC/MC43B	1095	31.2	22.0	16.50	13.50
	MX16C	21	FC/MC43C	970	30.8	21.2	17.00	13.75
MX16C	21	FC/MC48C	995	31.2	21.4	17.00	13.75	
AL6B036F3(C)	AHE36C	21	—	1190	35.8	26.6	16.00	13.00
	AHE42D	21	—	1180	36.2	26.8	16.25	13.50
	AHE48D	24	—	1195	36.0	26.6	16.25	13.50
	AHE60D	24	—	1190	36.4	27.0	16.50	13.75
	AHP36	21	—	1200	35.0	26.0	14.00	12.25
	AHP42	21	—	1255	35.0	26.0	14.00	12.25
	AHR36B	21	—	1245	34.8	25.8	13.75	12.00
	AHR42C	21	—	1230	35.6	26.6	14.25	12.50
	AV*36	21	—	1190	35.8	26.8	16.00	13.00
	AV*48	24	—	1220	36.4	27.4	16.50	13.50
	AHX36	21	—	1225	36.0	26.8	16.00	13.25
	AHX42	21	—	1190	36.4	27.2	16.50	13.75
	AHX48	24	—	1255	36.6	28.0	16.50	13.50
	AHX60	24	—	1300	36.8	28.2	16.50	13.50

For Notes See Page 6.

COOLING CAPACITY - With Air Handler Coils (Continued)

UNIT MODEL	AIR HANDLER		COIL MODEL ¹	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
16 SEER AC WITH AIR HANDLERS								
AL6B036F3(C)	F6FP042	24	—	1290	36.6	27.6	16.00	13.25
	F6FP048	24	—	1125	35.4	26.2	16.00	13.25
	F6FP060	24	—	1240	36.6	27.6	16.25	13.50
	F4FV060	24	—	1200	36.0	27.0	16.25	13.25
	MV12B	17	FC/MC43B	1225	36.0	26.6	15.75	13.00
	MV16C	21	FC/MC43C	1190	36.0	26.6	16.00	13.25
	MV12D	24	FC/MC48D	1160	36.6	26.8	16.50	13.75
	MV16C	21	FC/MC48C	1200	36.2	26.8	16.25	13.25
	MV20D	24	FC/MC48D	1300	36.8	28.0	16.25	13.50
	MV12D	24	FC/MC60D	1135	36.0	26.4	16.00	13.25
	MV20D	24	FC/MC60D	1300	36.4	27.4	16.25	13.50
	MV12D	24	FC/MC62D	1155	36.6	27.2	16.75	13.75
	MV20D	24	FC/MC62D	1300	36.8	28.0	16.50	13.50
	MV12D	24	FC64D	1155	37.0	27.8	17.00	14.00
	MV20D	24	FC64D	1300	37.2	28.8	16.75	14.00
	MX12B	17	FC/MC43B	1220	35.8	26.6	15.50	12.75
	MX16C	21	FC/MC43C	1140	35.8	26.2	16.25	13.50
	MX12D	24	FC/MC48D	1225	36.4	26.6	16.00	13.25
	MX16C	21	FC/MC48C	1150	36.6	26.8	16.50	13.75
	MX12D	24	FC/MC60D	1275	36.6	27.4	16.25	13.50
	MX20D	24	FC/MC60D	1295	36.8	27.8	16.75	13.75
	MX12D	24	FC/MC62D	1270	36.8	27.8	16.75	13.75
	MX20D	24	FC/MC62D	1260	36.8	27.8	16.75	13.75
	MX12D	24	FC64D	1270	37.8	29.2	17.25	14.25
	MX20D	24	FC64D	1260	37.8	29.0	17.25	14.25
AL6B042F3(C)	AHE42D	21	—	1385	40.5	30.4	15.50	13.00
	AHE48D	24	—	1385	42.0	31.2	15.75	13.25
	AHE60D	24	—	1390	42.5	32.0	16.25	13.75
	AHP48	24	—	1400	41.5	31.0	14.50	12.25
	AHP60	24	—	1400	42.0	31.4	15.50	13.00
	AHR42C	21	—	1485	40.0	30.2	13.75	11.75
	AHR48D	24	—	1320	41.0	29.8	14.00	11.75
	AHR60D	24	—	1350	41.5	30.8	14.50	12.25
	AV*48	24	—	1385	42.0	31.0	16.00	13.25
	AV*60	24	—	1360	42.0	31.0	16.00	13.25
	AHX42	21	—	1395	40.5	30.2	15.75	13.25
	AHX48	24	—	1445	42.5	32.2	16.00	13.50
	AHX60	24	—	1440	42.5	32.0	16.00	13.25
	F6FP042	24	—	1455	40.5	30.4	15.25	13.00
	F6FP048	24	—	1380	41.5	30.4	15.25	13.00
	F6FP060	24	—	1475	43.0	32.4	15.75	13.25
	F4FV060	24	—	1350	41.0	30.2	15.50	13.00
	MV16C	21	FC/MC43C	1380	40.0	29.6	15.00	12.75
	MV16C	21	FC/MC48C	1400	40.5	29.6	15.25	13.00
	MV20D	24	FC/MC48D	1470	41.0	31.2	15.75	13.25
	MV16C	21	FC/MC60C	1400	42.0	30.8	15.50	13.00
	MV20D	24	FC/MC60D	1400	42.0	30.8	15.75	13.25
	MV20D	24	FC/MC62D	1450	42.5	32.0	16.00	13.25
	MV20D	24	FC64D	1400	43.0	32.4	16.50	13.75
	MX16C	21	FC/MC43C	1365	40.0	29.8	15.00	12.75
	MX16C	21	FC/MC48C	1390	40.5	29.8	15.75	13.50
	MX20D	24	FC/MC48D	1415	40.5	30.6	15.75	13.25
	MX16C	21	FC/MC60C	1420	42.5	31.6	16.00	13.25
	MX20D	24	FC/MC60D	1470	43.0	32.4	16.25	13.50
	MX20D	24	FC/MC62D	1470	43.5	32.8	16.25	13.75
	MX20D	24	FC64D	1470	44.5	34.2	16.75	14.00

For Notes See Page 6.

COOLING CAPACITY - With Air Handler Coils (Continued)

UNIT MODEL	AIR HANDLER		COIL MODEL ¹	COOLING				SEER	EER
	MODEL	WIDTH		RATED CFM	NET MBH				
					TOTAL	SENS.			
16 SEER AC WITH AIR HANDLERS									
AL6B048F3(C)	AHE48D	24	—	1600	45.0	33.2	15.00	12.50	
	AHE60D	24	—	1565	45.5	33.8	15.50	13.00	
	AHP48	24	—	1600	45.0	32.2	13.75	12.00	
	AHP60	24	—	1600	46.0	32.8	14.50	12.50	
	AHR48D	24	—	1610	45.5	32.6	13.75	12.00	
	AHR60D	24	—	1620	45.5	32.8	14.00	12.25	
	AHX48	24	—	1660	46.0	34.4	15.25	12.75	
	AHX60	24	—	1570	46.0	33.8	15.50	13.00	
	AV*48	24	—	1625	45.5	33.6	15.25	12.50	
	AV*60	24	—	1560	45.5	33.8	15.50	12.75	
	F6FP048	24	—	1625	45.5	33.6	15.00	12.50	
	F6FP060	24	—	1570	46.0	33.8	15.50	13.00	
	F4FV060	24	—	1600	45.0	33.6	15.00	12.50	
	MV16C	21	FC/MC48C	1625	45.0	33.0	14.50	12.50	
	MV20D	24	FC/MC48D	1620	45.0	33.2	14.75	12.75	
	MV16C	21	FC/PC60C	1600	44.5	32.8	14.00	11.75	
	MV20D	24	FC/MC60D	1600	45.0	33.2	15.00	12.50	
	MV20D	24	FC/MC62D	1630	45.5	33.8	15.50	12.75	
	MV20D	24	FC64D	1630	47.0	35.8	16.00	13.25	
	MX16C	21	FC/MC48C	1685	45.0	34.0	14.50	12.50	
	MX20D	24	FC/MC48D	1525	45.0	33.2	14.75	13.00	
	MX16C	21	FC/PC60C	1630	45.0	33.0	14.50	13.00	
	MX20D	24	FC/MC62D	1605	46.0	34.0	15.75	13.25	
	MX20D	24	FC64D	1605	47.0	36.0	16.50	13.50	
AL6B060F3(C)	AHE60D	24	—	1835	53.5	38.0	15.25	13.00	
	AHR60D	24	—	1870	52.0	36.2	13.75	12.00	
	AHX60	24	—	1865	53.5	38.5	15.40	13.00	
	AV*60	24	—	1730	52.5	36.4	15.25	12.75	
	F6FP060	24	—	1865	53.5	38.5	15.40	13.00	
	MV20D	24	FC/MC60D	1845	53.0	37.3	15.00	12.75	
	MV20D	24	FC/MC62D	1855	53.5	38.0	15.00	12.75	
	MV20D	24	FC64D	1705	54.5	39.0	16.00	13.50	
	MX20D	24	FC/MC60D	1780	53.0	37.5	15.50	13.00	
	MX20D	24	FC/MC62D	1795	54.0	38.5	15.75	13.25	
	MX20D	24	FC64D	1795	55.0	40.0	16.25	13.50	

Rated in accordance with DOE test procedures (Federal Register 12-27-79 and 3-18-88) and AHRI Standard 210/240.
Cooling MBH based on 80 °F entering air temperature, 50% RH (Relative Humidity), and rated air flow.
EER (Energy Efficiency Ratio) is the total cooling output in BTUs at 95 °F outdoor ambient divided by the total electric power in watt-hours at those conditions.
SEER (Seasonal Energy Efficiency Ratio) is the total cooling output in BTUs during a normal annual usage period for cooling divided by the total electric power input in watt-hours during the same period.

1. MC coils available with a factory installed horizontal drain pan. See price pages for specific model number.

— = Not applicable.

MA Modular Air Handlers use Coil Only Ratings.

COOLING CAPACITY - Upflow, Downflow & Horizontal Furnaces and Coils (Coil Only Ratings)

UNIT MODEL	FURNACE		COIL MODEL	COOLING				
	CFM RANGE (MIN.-MAX.)	WIDTH		RATED CFM	NET MBH		SEER ^{1,2}	EER
					TOTAL	SENS.		
AL6B024F3(C)	600 - 1000	14	FC/MC/PC32	800	23.6	17.0	14.50	12.25
	600 - 1000	17,21	FC/MC/PC35	800	23.6	17.0	14.50	12.25
	600 - 1000	14	FC/MC/PC37	800	24.0	17.3	14.50	12.25
	600 - 1000	17,21	FC/MC/PC43	800	24.0	17.3	14.50	12.25
AL6B030F3(C)	800 - 1200	14	FC/MC/PC32	1000	29.6	20.6	14.00	12.00
	800 - 1200	17,21	FC/MC/PC35	1000	29.6	20.6	14.00	12.00
	800 - 1200	14	FC/MC/PC37	1000	30.0	21.0	14.25	12.25
	800 - 1200	17,21	FC/MC/PC43	1000	30.0	21.0	14.25	12.25
	800 - 1200	21,24	FC/MC/PC48	1000	30.0	21.4	14.25	12.25
	800 - 1200	21,24	FC/MC/PC60	1000	30.0	21.2	14.25	12.25
	800 - 1200	21,24	UC48	1000	28.6	20.0	13.75	11.75
	800 - 1200	21,24	UC60	1000	28.8	19.9	13.75	11.75
AL6B036F3(C)	1000 - 1400	14	FC/MC/PC37	1200	35.0	26.0	14.00	12.25
	1000 - 1400	17,21	FC/MC/PC43	1200	35.0	26.0	14.00	12.25
	1000 - 1400	21,24	FC/MC/PC48	1200	35.0	26.0	14.00	12.25
	1000 - 1400	21,24	FC/MC/PC60	1200	35.0	26.0	14.00	12.25
	1000 - 1400	24	FC/MC62	1200	35.4	26.0	14.00	12.25
	1000 - 1400	24	FC64	1200	36.4	27.4	14.50	12.50
	1000 - 1400	–	HD48	1200	35.0	25.8	14.00	12.25
	1000 - 1400	–	HD60	1200	35.4	26.0	14.00	12.25
	1000 - 1400	21,24	UC48	1200	34.6	25.8	13.75	12.00
	1000 - 1400	21,24	UC60	1200	34.6	25.4	13.75	12.00
AL6B042F3(C)	1200 - 1600	21,24	FC/MC/PC60	1400	41.5	30.2	14.25	12.00
	1200 - 1600	24	FC/MC62	1400	41.5	30.2	14.50	12.25
	1200 - 1600	24	FC64	1400	42.5	31.8	15.00	12.50
	1200 - 1600	–	HD60	1400	42.0	30.8	14.25	12.25
	1200 - 1600	21,24	UC60	1400	40.5	29.6	13.75	11.75
AL6B048F3(C)	1400 - 1800	21,24	FC/MC/PC48	1600	45.0	32.2	13.75	12.00
	1400 - 1800	21,24	FC/MC/PC60	1600	45.0	32.2	13.75	12.00
	1400 - 1800	24	FC/MC62	1600	45.5	32.8	13.75	12.00
	1400 - 1800	24	FC64	1600	47.0	34.2	14.25	12.50
	1400 - 1800	–	HD48	1600	45.0	32.2	13.75	12.00
	1400 - 1800	–	HD60	1600	46.0	32.8	14.00	12.25
AL6B060F3(C)	1500 - 1900	24	FC64	1800	53.5	37.4	14.50	12.50

1. Requires a S1-2FD06700224 Blower Time Delay unless a standard furnace is equipped with one.

2. TXV = Use S1-1TVM series kit.

MA Modular Air Handlers use Coil Only Ratings.

PSC furnaces, such as the TG8S, TGLS, and TG9S, use Coil Only Ratings.

COOLING CAPACITY - With High Efficiency Motor Furnaces

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	WIDTH	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
16 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES ²								
AL6B024F3(C)	T*(8,L)X*A12	FC/MC/PC32A	14	800	24.8	17.0	17.25	14.00
	T*(8,L)X*B12	FC/MC/PC35B	17	850	25.2	17.7	17.50	14.25
	T*9X*B12	FC/MC/PC35B	17	785	24.8	17.0	17.25	14.00
	T*(8,L)X*C16	FC/MC/PC35C	21	865	25.2	17.8	17.50	14.25
	T*(8,L)X*C20	FC/MC/PC35C	21	885	25.2	18.0	17.00	14.00
	T*9X*C16	FC/MC/PC35C	21	765	24.8	17.0	17.25	14.00
	T*9X*C20	FC/MC/PC35C	21	825	24.8	17.0	17.00	13.75
	T*(8,L)X*A12	FC/MC/PC37A	14	840	25.4	17.9	17.75	14.25
	T*(8,L)X*B12	FC/MC/PC43B	17	865	25.6	18.1	17.75	14.25
	T*9X*B12	FC/MC/PC43B	17	800	25.2	17.3	17.50	14.00
	T*(8,L)X*C16	FC/MC/PC43C	21	855	25.4	18.1	17.75	14.25
	T*(8,L)X*C20	FC/MC/PC43C	21	815	25.0	17.2	17.25	14.00
	T*9X*C16	FC/MC/PC43C	21	785	25.2	17.3	17.50	14.00
	T*9X*C20	FC/MC/PC43C	21	790	25.0	17.2	17.25	14.00
	(L*LC/T*8V/T*LV)*A12	FC/MC/PC32A	14	755	24.4	16.6	16.50	13.50
	(L*LC/T*8V/T*LV)*B12	FC/MC/PC35B	17	785	24.8	16.9	16.75	13.75
	(L*9C/T*9V)*B12	FC/MC/PC35B	17	815	24.6	16.9	16.50	13.25
	(L*LC/T*8V/T*LV)*C16	FC/MC/PC35C	21	775	24.8	17.0	17.00	13.75
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC35C	21	755	24.6	16.7	17.00	13.75
	(L*9C/T*9V)*C16	FC/MC/PC35C	21	900	25.2	18.0	16.75	13.75
	(L*9C/T*9V)*C20	FC/MC/PC35C	21	755	24.6	16.7	16.75	13.75
	(L*LC/T*8V/T*LV)*A12	FC/MC/PC37A	14	765	25.0	17.2	16.75	13.50
	(L*LC/T*8V/T*LV)*B12	FC/MC/PC43B	17	790	25.0	17.2	17.00	13.75
	(L*9C/T*9V)*B12	FC/MC/PC43B	17	800	25.0	17.1	16.75	13.50
	(L*LC/T*8V/T*LV)*C16	FC/MC/PC43C	21	770	25.0	17.2	17.25	14.00
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC43C	21	740	24.8	16.8	17.25	13.75
	(L*9C/T*9V)*C16	FC/MC/PC43C	21	810	25.0	17.2	17.00	13.75
	(L*9C/T*9V)*C20	FC/MC/PC43C	21	890	25.6	18.3	17.00	14.00
AL6B030F3(C)	T*(8,L)X*A12	FC/MC/PC32A	14	970	29.6	20.3	15.00	12.50
	T*(8,L)X*B12	FC/MC/PC35B	17	1120	30.2	21.5	15.50	13.00
	T*9X*B12	FC/MC/PC35B	17	1085	30.2	21.3	15.50	13.00
	T*(8,L)X*C16	FC/MC/PC35C	21	1105	30.4	21.5	15.75	13.00
	T*(8,L)X*C20	FC/MC/PC35C	21	850	29.0	19.3	15.50	13.00
	T*9X*C16	FC/MC/PC35C	21	1075	30.2	21.1	15.50	13.00
	T*9X*C20	FC/MC/PC35C	21	835	29.0	19.3	15.75	13.00
	T*(8,L)X*A12	FC/MC/PC37A	14	1105	31.2	22.2	16.25	13.25
	T*(8,L)X*B12	FC/MC/PC43B	17	1125	31.2	22.4	16.25	13.25
	T*9X*B12	FC/MC/PC43B	17	1095	31.2	22.0	16.50	13.25
	T*(8,L)X*C16	FC/MC/PC43C	21	955	31.0	21.2	16.75	13.50
	T*(8,L)X*C20	FC/MC/PC43C	21	870	30.2	20.2	16.50	13.50
	T*9X*C16	FC/MC/PC43C	21	1055	31.0	21.8	16.50	13.25
	T*9X*C20	FC/MC/PC43C	21	720	28.8	18.6	16.00	13.00
	T*(8,L)X*C16	FC/MC/PC48C	21	970	31.2	21.4	17.00	13.75
	T*(8,L)X*C20	FC/MC/PC48C	21	890	30.6	20.8	16.75	13.75
	T*9X*C16	FC/MC/PC48C	21	1075	31.4	22.2	16.75	13.50
	T*9X*C20	FC/MC/PC48C	21	745	29.4	19.0	16.25	13.25
	T*9X*D20	FC/MC/PC48D	24	780	29.6	19.5	16.50	13.25
	T*(8,L)X*C16	FC/PC60C	21	1115	31.2	22.1	17.00	13.50
	T*(8,L)X*C20	FC/PC60C	21	895	30.6	20.7	17.00	13.75
	T*9X*C16	FC/PC60C	21	1080	31.4	22.1	16.75	13.50
	T*9X*C20	FC/PC60C	21	905	29.4	20.1	16.25	13.50
	T*9X*D20	FC/MC/PC60D	24	945	29.6	20.3	16.50	13.50
	T*(8,L)X*C16	UC48C	21	970	28.8	19.6	16.00	13.00

For Notes See Page 14.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	WIDTH	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
16 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES ²								
AL6B030F3(C)	T*9X*C16	UC48C	21	1075	29.2	20.4	15.50	12.50
	T*(8,L)X*C16	UC60C	21	1075	28.8	20.0	15.75	12.75
	T*9X*C16	UC60C	21	1080	29.2	20.3	15.75	12.75
	(L*LC/T*8V/T*LV)*A12	FC/MC/PC32A	14	1035	29.4	20.1	14.25	11.75
	(L*LC/T*8V/T*LV)*B12	FC/MC/PC35B	17	1020	29.6	20.3	15.00	12.50
	(L*9C/T*9V)*B12	FC/MC/PC35B	17	1045	29.4	20.3	14.75	12.25
	(L*LC/T*8V/T*LV)*C16	FC/MC/PC35C	21	985	29.8	20.5	15.25	12.75
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC35C	21	1035	29.6	20.5	15.00	12.50
	(L*9C/T*9V)*C16	FC/MC/PC35C	21	1005	29.8	20.5	15.25	12.75
	(L*9C/T*9V)*C20	FC/MC/PC35C	21	985	29.8	20.5	15.25	12.75
	(L*LC/T*8V/T*LV)*A12	FC/MC/PC37A	14	950	30.2	20.6	15.75	12.75
	(L*LC/T*8V/T*LV)*B12	FC/MC/PC43B	17	1045	30.6	21.0	15.75	12.75
	(L*9C/T*9V)*B12	FC/MC/PC43B	17	1035	30.4	20.8	15.50	12.50
	(L*LC/T*8V/T*LV)*C16	FC/MC/PC43C	21	1035	30.8	21.0	16.25	13.25
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC43C	21	1025	30.8	21.2	16.75	13.50
	(L*9C/T*9V)*C16	FC/MC/PC43C	21	1030	30.6	21.0	16.00	13.00
	(L*9C/T*9V)*C20	FC/MC/PC43C	21	995	30.8	21.0	16.25	13.25
	(L*LC/T*8V/T*LV)*C16	FC/MC/PC48C	21	1010	31.0	21.4	16.50	13.25
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC48C	21	1030	31.0	21.4	16.50	13.50
	(L*9C/T*9V)*C16	FC/MC/PC48C	21	990	31.0	21.4	16.50	13.25
	(L*9C/T*9V)*C20	FC/MC/PC48C	21	965	31.0	21.4	16.50	13.50
	(L*9C/T*9V)*D20	FC/MC/PC48D	24	1085	31.4	22.2	16.50	13.50
	(L*LC/T*8V/T*LV)*C16	FC/PC60C	21	1050	31.0	21.8	16.50	13.50
	(L*LC/T*8V/T*LV)*C20	FC/PC60C	21	970	31.0	21.3	16.50	13.50
	(L*9C/T*9V)*C16	FC/PC60C	21	1020	31.0	21.3	16.50	13.00
	(L*9C/T*9V)*C20	FC/PC60C	21	980	31.0	21.3	16.50	13.25
	(L*9C/T*9V)*D20	FC/MC/PC60D	24	1075	31.4	22.1	16.50	13.25
	(L*LC/T*8V/T*LV)*C16	UC48C	21	1010	28.6	19.6	15.50	12.50
	(L*LC/T*8V/T*LV)*C20	UC48C	21	1040	28.6	19.5	15.50	12.50
	(L*9C/T*9V)*C16	UC48C	21	990	28.6	19.5	15.50	12.50
	(L*9C/T*9V)*C20	UC48C	21	965	28.6	19.5	15.50	12.50
	(L*9C/T*9V)*D20	UC48D	24	1085	29.4	20.6	15.50	12.50
	(L*LC/T*8V/T*LV)*C16	UC60C	21	995	28.6	19.3	15.75	12.75
	(L*LC/T*8V/T*LV)*C20	UC60C	21	1055	28.6	19.7	15.50	12.75
	(L*9C/T*9V)*C16	UC60C	21	1020	28.6	19.3	15.50	12.50
	(L*9C/T*9V)*C20	UC60C	21	980	28.6	19.3	15.50	12.75
	(L*9C/T*9V)*D20	UC60D	24	1075	29.4	20.4	15.50	12.75
AL6B036F3(C)	T*(8,L)X*A12	FC/MC/PC37A	14	1290	36.0	27.6	15.75	12.75
	T*(8,L)X*B12	FC/MC/PC43B	17	1300	36.4	27.6	15.75	13.00
	T*9X*B12	FC/MC/PC43B	17	1270	36.0	27.6	15.50	12.75
	T*(8,L)X*C16	FC/MC/PC43C	21	1175	36.2	26.8	16.50	13.50
	T*(8,L)X*C20	FC/MC/PC43C	21	1250	36.0	26.6	16.00	13.25
	T*9X*C16	FC/MC/PC43C	21	1260	36.2	27.2	15.75	13.00
	T*9X*C20	FC/MC/PC43C	21	1185	36.0	26.6	16.00	13.25
	T*(8,L)X*C16	FC/MC/PC48C	21	1185	36.4	26.8	16.50	13.50
	T*(8,L)X*C20	FC/MC/PC48C	21	1270	36.6	27.8	16.50	13.50
	T*9X*C16	FC/MC/PC48C	21	1280	36.4	27.8	16.00	13.25
	T*9X*C20	FC/MC/PC48C	21	1205	36.0	26.8	16.00	13.25
	T*9X*D20	FC/MC/PC48D	24	1240	36.4	26.8	16.00	13.50
	T*(8,L)X*C16	FC/PC60C	21	1190	36.2	26.8	16.50	13.75
	T*(8,L)X*C20	FC/PC60C	21	1275	36.4	27.6	16.25	13.50
	T*9X*C16	FC/PC60C	21	1315	36.4	27.8	16.00	13.25
	T*9X*C20	FC/PC60C	21	1240	36.0	26.6	16.00	13.25

For Notes See Page 14.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	WIDTH	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
16 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES ²								
AL6B036F3(C)	T*9X*D20	FC/MC/PC60D	24	1310	36.4	27.6	16.50	13.50
	T*9X*D20	FC/MC62D	24	1225	36.2	26.6	16.25	13.50
	T*9X*D20	FC64D	24	1225	36.8	27.4	16.50	13.75
	T*(8,L)X*B12	HD48	17	1150	36.2	26.8	16.25	13.50
	T*(8,L)X*C16	HD48	21	1120	35.6	26.0	16.25	13.50
	T*(8,L)X*C20	HD48	21	1245	36.0	26.6	16.00	13.25
	T*9X*B12	HD48	17	1290	36.4	27.6	15.75	13.00
	T*9X*C16	HD48	21	1320	36.6	28.0	16.00	13.25
	T*9X*C20	HD48	21	1245	36.0	26.6	16.00	13.25
	T*9X*D20	HD48	24	1260	36.6	27.4	16.00	13.50
	T*(8,L)X*C16	HD60	21	1120	36.0	26.4	16.25	13.50
	T*(8,L)X*C20	HD60	21	1245	36.4	27.0	16.25	13.50
	T*9X*C16	HD60	21	1320	36.8	28.2	16.25	13.50
	T*9X*C20	HD60	21	1245	36.4	27.0	16.25	13.50
	T*9X*D20	HD60	24	1260	36.6	27.4	16.25	13.50
	T*(8,L)X*C16	UC48C	21	1185	35.8	26.4	16.25	13.50
	T*(8,L)X*C20	UC48C	21	1270	35.8	27.2	16.25	13.25
	T*9X*C16	UC48C	21	1280	35.6	27.4	15.75	13.00
	T*9X*C20	UC48C	21	1205	35.6	26.4	15.75	13.00
	T*9X*D20	UC48D	24	1240	35.8	26.4	15.75	13.25
	T*(8,L)X*C16	UC60C	21	1190	35.6	26.2	16.25	13.50
	T*(8,L)X*C20	UC60C	21	1275	35.8	27.0	16.25	13.25
	T*9X*C16	UC60C	21	1315	35.8	27.2	15.75	13.00
	T*9X*C20	UC60C	21	1240	35.4	26.0	15.75	13.00
	T*9X*D20	UC60D	24	1310	35.8	26.8	16.25	13.50
	(L*LC/T*8V/T*LV)*A12	FC/MC/PC37A	14	1150	35.6	26.4	15.00	12.25
	(L*LC/T*8V/T*LV)*B12	FC/MC/PC43B	17	1275	35.6	27.2	14.75	12.25
	(L*9C/T*9V)*B12	FC/MC/PC43B	17	1200	35.6	26.4	15.00	12.25
	(L*LC/T*8V/T*LV)*C16	FC/MC/PC43C	21	1190	36.0	26.4	15.75	13.00
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC43C	21	1190	36.0	26.4	15.75	13.00
	(L*9C/T*9V)*C16	FC/MC/PC43C	21	1240	35.6	26.2	15.25	12.50
	(L*9C/T*9V)*C20	FC/MC/PC43C	21	1200	35.8	26.4	15.50	13.00
	(L*LC/T*8V/T*LV)*C16	FC/MC/PC48C	21	1195	36.0	26.8	16.00	13.25
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC48C	21	1150	36.2	26.8	16.00	13.25
	(L*9C/T*9V)*C16	FC/MC/PC48C	21	1195	36.0	26.6	15.75	13.00
	(L*9C/T*9V)*C20	FC/MC/PC48C	21	1330	36.4	28.0	15.50	12.75
	(L*9C/T*9V)*D20	FC/MC/PC48D	24	1240	36.2	26.6	15.50	13.00
	(L*LC/T*8V/T*LV)*C16	FC/PC60C	21	1185	36.0	26.6	16.25	13.25
	(L*LC/T*8V/T*LV)*C20	FC/PC60C	21	1215	36.0	26.6	16.00	13.25
	(L*9C/T*9V)*C16	FC/PC60C	21	1235	35.6	26.4	15.25	12.75
	(L*9C/T*9V)*C20	FC/PC60C	21	1330	36.4	27.8	15.50	12.75
	(L*9C/T*9V)*D20	FC/MC/PC60D	24	1225	35.6	26.2	15.75	13.00
	(L*9C/T*9V)*D20	FC/MC62D	24	1235	36.2	26.6	16.00	13.25
	(L*LC/T*8V/T*LV)*B12	HD48	17	1210	35.8	26.6	15.25	12.75
	(L*LC/T*8V/T*LV)*C16	HD48	21	1210	36.0	26.6	15.75	13.25
	(L*LC/T*8V/T*LV)*C20	HD48	21	1155	36.0	26.6	16.00	13.25
	(L*9C/T*9V)*B12	HD48	17	1150	35.8	26.4	15.00	12.50
	(L*9C/T*9V)*C16	HD48	21	1195	35.8	26.4	15.50	13.00
	(L*9C/T*9V)*C20	HD48	21	1330	36.4	27.6	15.25	12.75
	(L*9C/T*9V)*D20	HD48	24	1225	36.0	26.4	15.50	13.00
	(L*LC/T*8V/T*LV)*C16	HD60	21	1210	36.2	26.8	16.00	13.25
	(L*LC/T*8V/T*LV)*C20	HD60	21	1155	36.4	27.0	16.25	13.50
	(L*9C/T*9V)*C16	HD60	21	1195	36.2	26.8	15.75	13.00

For Notes See Page 14.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	WIDTH	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
16 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES ²								
AL6B036F3(C)	(L*9C/T*9V)*C20	HD60	21	1330	36.6	28.0	15.50	12.75
	(L*9C/T*9V)*D20	HD60	24	1225	36.0	26.4	15.75	13.25
	(L*LC/T*8V/T*LV)*C16	UC48C	21	1210	35.4	26.2	15.75	13.00
	(L*LC/T*8V/T*LV)*C20	UC48C	21	1155	35.6	26.4	16.00	13.25
	(L*9C/T*9V)*C16	UC48C	21	1195	35.4	26.2	15.50	12.75
	(L*9C/T*9V)*C20	UC48C	21	1330	35.6	27.4	15.25	12.50
	(L*9C/T*9V)*D20	UC48D	24	1240	35.6	26.2	15.25	12.75
	(L*LC/T*8V/T*LV)*C16	UC60C	21	1195	35.4	26.0	15.75	13.00
	(L*LC/T*8V/T*LV)*C20	UC60C	21	1215	35.4	26.0	15.75	13.00
	(L*9C/T*9V)*C16	UC60C	21	1235	35.0	25.8	15.00	12.50
	(L*9C/T*9V)*C20	UC60C	21	1330	35.6	27.0	15.25	12.75
(L*9C/T*9V)*D20	UC60D	24	1225	35.0	25.6	15.50	12.75	
AL6B042F3(C)	T*(8,L)X*C16	FC/MC/PC48C	21	1360	40.5	29.8	15.75	13.25
	T*(8,L)X*C20	FC/MC/PC48C	21	1475	40.5	30.8	15.75	13.25
	T*9X*C16	FC/MC/PC48C	21	1425	40.0	29.6	15.25	13.00
	T*9X*C20	FC/MC/PC48C	21	1420	40.5	29.8	15.50	13.00
	T*9X*D20	FC/MC/PC48D	24	1435	40.5	29.8	15.75	13.00
	T*(8,L)X*C16	FC/MC/PC48D	21	1360	40.5	29.8	15.75	13.25
	T*(8,L)X*C20	FC/MC/PC48D	21	1475	40.5	30.8	15.75	13.25
	T*9X*C16	FC/MC/PC48D	21	1425	40.0	29.6	15.25	13.00
	T*9X*C20	FC/MC/PC48D	21	1420	40.5	29.8	15.00	13.00
	T*(8,L)X*C16	FC/PC60C	21	1360	42.0	31.0	16.00	13.25
	T*(8,L)X*C20	FC/PC60C	21	1485	42.5	32.0	16.00	13.25
	T*9X*C16	FC/PC60C	21	1460	42.0	30.6	15.50	13.00
	T*9X*C20	FC/PC60C	21	1460	42.0	30.8	15.75	13.00
	T*9X*D20	FC/MC/PC60D	24	1515	42.5	32.4	16.00	13.50
	T*(8,L)X*C16	FC/MC/PC60D	21	1360	42.0	31.0	16.00	13.50
	T*(8,L)X*C20	FC/MC/PC60D	21	1485	42.0	31.8	15.75	13.25
	T*9X*C16	FC/MC/PC60D	21	1460	42.0	30.6	15.50	13.00
	T*9X*C20	FC/MC/PC60D	21	1460	42.0	30.8	15.75	13.25
	T*(8,L)X*C16	FC/MC62D	21	1360	42.5	31.4	16.25	13.50
	T*(8,L)X*C20	FC/MC62D	21	1485	43.0	32.6	16.25	13.50
	T*9X*C16	FC/MC62D	21	1460	42.0	31.2	15.75	13.00
	T*9X*C20	FC/MC62D	21	1460	42.5	31.2	16.00	13.25
	T*9X*D20	FC/MC62D	24	1425	42.5	31.4	16.00	13.25
	T*(8,L)X*C16	FC64D	21	1360	43.5	32.4	16.50	13.75
	T*(8,L)X*C20	FC64D	21	1485	43.5	33.6	16.50	13.75
	T*9X*C16	FC64D	21	1460	43.0	32.2	16.25	13.50
	T*9X*C20	FC64D	21	1460	43.0	32.4	16.50	13.50
	T*9X*D20	FC64D	24	1425	43.0	32.4	16.50	13.50
	T*(8,L)X*C16	HD48	21	1340	40.5	29.8	15.75	13.00
	T*(8,L)X*C20	HD48	21	1490	40.5	30.4	15.75	13.00
	T*9X*C16	HD48	21	1465	40.0	29.6	15.25	12.75
	T*9X*C20	HD48	21	1465	40.0	29.6	15.50	13.00
	T*9X*D20	HD48	24	1460	40.0	29.6	15.50	13.00
	T*(8,L)X*C16	HD60	21	1340	43.0	31.6	16.00	13.00
	T*(8,L)X*C20	HD60	21	1490	43.0	32.6	16.00	13.00
	T*9X*C16	HD60	21	1465	42.5	31.4	15.50	13.25
	T*9X*C20	HD60	21	1465	42.5	31.4	15.75	13.25
	T*9X*D20	HD60	24	1460	43.0	31.4	16.00	13.50
	T*(8,L)X*C16	UC60C	21	1400	41.5	30.4	15.75	13.00
	T*(8,L)X*C20	UC60C	21	1485	41.5	30.8	15.50	13.00
	T*9X*C16	UC60C	21	1460	41.0	30.0	15.00	12.50

For Notes See Page 14.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	WIDTH	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
16 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES ²								
AL6B042F3(C)	T*9X*C20	UC60C	21	1460	41.0	30.2	15.25	12.75
	T*9X*D20	UC60D	24	1515	42.0	31.2	15.75	13.00
	Y*(8,L)C*C16	UC60C	21	1420	41.0	30.0	15.00	12.50
	Y*(8,L)C*C20	UC60C	21	1410	41.0	30.2	15.25	12.75
	Y*9C*C16	UC60C	21	1445	40.5	29.8	14.25	12.00
	Y*9C*C20	UC60C	21	1445	41.0	30.0	14.50	12.25
	Y*9C*D20	UC60D	24	1445	41.0	30.0	14.75	12.50
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC48C	21	1410	40.0	29.6	15.00	12.75
	(L*9C/T*9V)*C16	FC/MC/PC48C	21	1395	40.0	29.4	14.75	12.50
	(L*9C/T*9V)*C20	FC/MC/PC48C	21	1430	40.0	29.4	14.50	12.50
	(L*9C/T*9V)*D20	FC/MC/PC48D	24	1450	40.0	29.4	15.00	12.50
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC48D	21	1410	40.0	29.6	15.00	12.75
	(L*9C/T*9V)*C16	FC/MC/PC48D	21	1395	40.0	29.4	14.75	12.50
	(L*9C/T*9V)*C20	FC/MC/PC48D	21	1430	40.0	29.4	14.75	12.50
	(L*LC/T*8V/T*LV)*C16	FC/PC60C	21	1420	42.0	30.6	15.25	12.75
	(L*LC/T*8V/T*LV)*C20	FC/PC60C	21	1340	42.0	30.8	15.50	13.00
	(L*9C/T*9V)*C16	FC/PC60C	21	1445	41.5	30.4	14.50	12.25
	(L*9C/T*9V)*C20	FC/PC60C	21	1445	41.5	30.6	15.00	12.50
	(L*9C/T*9V)*D20	FC/MC/PC60D	24	1445	42.0	30.6	15.00	12.75
	(L*LC/T*8V/T*LV)*C16	FC/MC/PC60D	21	1420	42.0	30.6	15.00	12.75
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC60D	21	1340	42.0	30.8	15.50	13.00
	(L*9C/T*9V)*C16	FC/MC/PC60D	21	1445	41.5	30.4	14.50	12.25
	(L*9C/T*9V)*C20	FC/MC/PC60D	21	1445	41.5	30.6	14.75	12.50
	(L*LC/T*8V/T*LV)*C16	FC/MC62D	21	1420	42.0	31.0	15.25	12.75
	(L*LC/T*8V/T*LV)*C20	FC/MC62D	21	1365	42.5	31.2	15.75	13.00
	(L*9C/T*9V)*C16	FC/MC62D	21	1445	42.0	30.8	14.75	12.25
	(L*9C/T*9V)*C20	FC/MC62D	21	1445	42.0	31.0	15.00	12.75
	(L*9C/T*9V)*D20	FC/MC62D	24	1455	42.0	31.0	15.25	12.75
	(L*LC/T*8V/T*LV)*C16	FC64D	21	1420	43.0	32.2	16.00	13.25
	(L*LC/T*8V/T*LV)*C20	FC64D	21	1410	43.0	32.2	16.25	13.50
	(L*9C/T*9V)*C16	FC64D	21	1445	42.5	31.8	15.25	12.75
	(L*9C/T*9V)*C20	FC64D	21	1445	43.0	32.0	15.50	13.00
	(L*9C/T*9V)*D20	FC64D	24	1455	43.0	32.2	15.75	13.00
	(L*LC/T*8V/T*LV)*C16	HD48	21	1435	40.0	29.4	14.75	12.50
	(L*LC/T*8V/T*LV)*C20	HD48	21	1410	40.0	29.4	15.00	12.75
	(L*9C/T*9V)*C16	HD48	21	1395	40.0	29.4	14.75	12.50
	(L*9C/T*9V)*D20	HD48	24	1450	40.0	29.4	14.75	12.50
	(L*LC/T*8V/T*LV)*C16	HD60	21	1420	42.5	31.2	15.50	13.00
	(L*LC/T*8V/T*LV)*C20	HD60	21	1410	42.5	31.4	15.75	13.25
	(L*9C/T*9V)*C16	HD60	21	1445	42.0	31.0	14.75	12.50
	(L*9C/T*9V)*C20	HD60	21	1445	42.5	31.2	15.00	12.75
	(L*9C/T*9V)*D20	HD60	24	1445	42.5	31.2	15.25	13.00
AL6B048F3(C)	T*(8,L)X*C16	FC/MC/PC48C	21	1600	45.0	33.0	14.50	12.50
	T*(8,L)X*C20	FC/MC/PC48C	21	1660	45.0	33.0	14.50	12.50
	T*9X*C16	FC/MC/PC48C	21	1565	45.0	33.0	14.25	12.25
	T*9X*C20	FC/MC/PC48C	21	1615	45.0	33.0	14.50	12.50
	T*9X*D20	FC/MC/PC48D	24	1635	45.0	33.0	14.25	12.50
	T*(8,L)X*C16	FC/MC/PC48D	21	1600	45.0	33.0	14.25	12.50
	T*(8,L)X*C20	FC/MC/PC48D	21	1660	45.0	33.0	14.50	12.50
	T*9X*C16	FC/MC/PC48D	21	1565	45.0	33.0	14.25	12.50
	T*9X*C20	FC/MC/PC48D	21	1615	45.0	33.0	14.50	12.50
	T*(8,L)X*C16	FC/PC60C	21	1605	45.0	33.2	14.75	12.50
	T*(8,L)X*C20	FC/PC60C	21	1595	45.0	33.2	15.00	12.50

For Notes See Page 14.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	WIDTH	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
16 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES ²								
AL6B048F3(C)	T*9X*C16	FC/PC60C	21	1575	45.0	33.0	14.75	12.25
	T*9X*C20	FC/PC60C	21	1625	45.0	33.2	15.00	12.50
	T*9X*D20	FC/MC/PC60D	24	1490	45.0	32.8	15.50	13.00
	T*(8,L)X*C16	FC/MC/PC60D	21	1605	45.0	33.2	15.00	12.50
	T*(8,L)X*C20	FC/MC/PC60D	21	1595	45.0	33.2	15.00	12.50
	T*9X*C16	FC/MC/PC60D	21	1575	45.0	33.0	14.75	12.25
	T*9X*C20	FC/MC/PC60D	21	1625	45.0	33.2	15.00	12.50
	T*(8,L)X*C16	FC/MC62D	21	1610	45.5	33.6	15.00	12.50
	T*(8,L)X*C20	FC/MC62D	21	1665	45.5	33.8	15.25	12.75
	T*9X*C16	FC/MC62D	21	1550	45.5	33.6	15.00	12.50
	T*9X*C20	FC/MC62D	21	1595	45.5	33.8	15.25	12.50
	T*9X*D20	FC/MC62D	24	1610	45.5	33.6	15.00	12.50
	T*(8,L)X*C20	FC64D	21	1485	46.5	34.6	16.25	13.50
	T*9X*C16	FC64D	21	1460	46.5	34.0	16.00	13.00
	T*9X*C20	FC64D	21	1460	46.5	34.2	16.00	13.25
	T*9X*D20	FC64D	24	1425	46.0	33.8	16.00	13.25
	T*(8,L)X*C16	HD48	21	1610	44.5	32.8	14.25	12.50
	T*(8,L)X*C20	HD48	21	1665	44.5	33.0	14.50	12.50
	T*9X*C16	HD48	21	1575	44.5	32.8	14.25	12.25
	T*9X*C20	HD48	21	1625	44.5	33.0	14.50	12.50
	T*9X*D20	HD48	24	1645	44.5	32.8	14.25	12.25
	T*(8,L)X*C16	HD60	21	1610	45.5	33.6	15.00	12.50
	T*(8,L)X*C20	HD60	21	1665	45.5	33.8	15.25	12.75
	T*9X*C16	HD60	21	1575	45.5	33.6	15.00	12.50
	T*9X*C20	HD60	21	1625	45.5	33.8	15.25	12.50
	T*9X*D20	HD60	24	1645	45.5	33.6	15.00	12.50
	T*9X*C20	UC48C	21	1615	44.5	32.8	14.25	12.50
	T*(8,L)X*C16	UC60C	21	1605	44.5	32.6	14.75	12.25
	T*(8,L)X*C20	UC60C	21	1540	45.0	33.0	14.75	12.25
	T*9X*C16	UC60C	21	1575	44.5	32.4	14.75	12.25
	T*9X*C20	UC60C	21	1625	44.5	32.6	14.75	12.25
	T*9X*D20	UC60D	24	1490	44.5	32.0	14.75	12.25
	(L*LC/T*8V/T*LV)*C16	FC/MC/PC48C	21	1565	44.5	32.6	13.75	11.75
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC48C	21	1640	44.5	32.8	14.00	12.00
	(L*9C/T*9V)*C16	FC/MC/PC48C	21	1590	44.5	32.8	13.75	12.00
	(L*9C/T*9V)*C20	FC/MC/PC48C	21	1655	44.5	32.8	13.75	12.00
	(L*9C/T*9V)*D20	FC/MC/PC48D	24	1645	44.5	32.8	13.75	12.00
	(L*LC/T*8V/T*LV)*C16	FC/MC/PC48D	21	1565	44.5	32.6	13.50	11.75
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC48D	21	1640	44.5	32.8	14.00	12.00
	(L*9C/T*9V)*C16	FC/MC/PC48D	21	1590	44.5	32.8	13.75	12.00
	(L*9C/T*9V)*C20	FC/MC/PC48D	21	1655	44.5	32.8	13.75	12.00
	(L*LC/T*8V/T*LV)*C16	FC/PC60C	21	1600	45.0	32.8	14.25	12.00
	(L*LC/T*8V/T*LV)*C20	FC/PC60C	21	1625	45.0	33.0	14.50	12.00
	(L*9C/T*9V)*C16	FC/PC60C	21	1590	44.5	32.8	14.25	12.00
	(L*9C/T*9V)*C20	FC/PC60C	21	1655	44.5	32.8	14.25	12.00
	(L*9C/T*9V)*D20	FC/MC/PC60D	24	1615	45.0	33.0	14.50	12.00
	(L*LC/T*8V/T*LV)*C16	FC/MC/PC60D	21	1600	45.0	32.8	14.50	12.00
	(L*LC/T*8V/T*LV)*C20	FC/MC/PC60D	21	1625	45.0	33.0	14.50	12.00
	(L*9C/T*9V)*C16	FC/MC/PC60D	21	1590	44.5	32.8	14.25	12.00
	(L*9C/T*9V)*C20	FC/MC/PC60D	21	1655	44.5	32.8	14.25	12.00
	(L*LC/T*8V/T*LV)*C16	FC/MC62D	21	1635	45.5	33.6	14.75	12.25
	(L*LC/T*8V/T*LV)*C20	FC/MC62D	21	1620	45.5	33.6	15.00	12.50
	(L*9C/T*9V)*C16	FC/MC62D	21	1590	45.0	33.4	14.75	12.25

For Notes See Page 14.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	WIDTH	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
16 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES ²								
AL6B048F3(C)	(L*9C/T*9V)*C20	FC/MC62D	21	1655	45.0	33.4	14.25	12.00
	(L*9C/T*9V)*D20	FC/MC62D	24	1630	45.0	33.4	14.50	12.25
	(L*LC/T*8V/T*LV)*C16	HD48	21	1615	44.5	32.6	13.75	12.00
	(L*LC/T*8V/T*LV)*C20	HD48	21	1640	44.5	32.6	13.75	12.00
	(L*LC/T*8V/T*LV)*C16	HD60	21	1625	45.5	33.6	14.75	12.25
	(L*LC/T*8V/T*LV)*C20	HD60	21	1605	45.5	33.6	15.00	12.50
	(L*9C/T*9V)*C16	HD60	21	1590	45.0	33.4	14.50	12.00
	(L*9C/T*9V)*C20	HD60	21	1655	45.0	33.4	14.50	12.00
	(L*9C/T*9V)*D20	HD60	24	1615	45.0	33.4	14.50	12.25
	(L*LC/T*8V/T*LV)*C20	UC60C	21	1605	44.5	32.6	14.75	12.25
	(L*LC/T*8V/T*LV)*C16	FC64D	21	1420	46.0	33.6	15.75	13.00
	(L*LC/T*8V/T*LV)*C20	FC64D	21	1410	46.0	33.6	16.00	13.00
	(L*9C/T*9V)*C16	FC64D	21	1445	46.0	33.4	15.25	12.50
	(L*9C/T*9V)*C20	FC64D	21	1445	46.0	33.6	15.50	12.75
(L*9C/T*9V)*D20	FC64D	24	1455	46.0	33.8	15.75	13.00	
AL6B060F3(C)	T*(8,L)X*C20	FC/PC60C	21	1595	52.0	35.3	15.00	12.75
	T*9X*C20	FC/PC60C	21	1625	52.0	35.5	15.00	12.75
	T*(8,L)X*C20	FC/MC/PC60D	21	1690	52.0	36.1	15.25	13.00
	T*9X*C20	FC/MC/PC60D	21	1645	52.0	35.5	15.25	12.75
	T*9X*D20	FC/MC/PC60D	24	1730	52.5	36.5	15.50	13.00
	T*(8,L)X*C20	FC/MC62D	21	1665	53.0	36.9	15.50	13.25
	T*9X*C20	FC/MC62D	21	1595	53.0	36.9	15.50	13.00
	T*9X*D20	FC/MC62D	24	1645	53.0	36.7	15.25	13.00
	T*(8,L)X*C20	FC64D	21	1665	54.5	38.5	16.00	13.25
	T*9X*D20	FC64D	24	1645	54.0	38.0	16.00	13.25
	(L*LC/T*8V/T*LV)*C20	FC/MC62D	21	1600	52.5	36.5	15.00	12.50
	(L*9C/T*9V)*C20	FC/MC62D	21	1655	52.5	36.5	14.75	12.50
	(L*9C/T*9V)*D20	FC/MC62D	24	1630	52.5	36.5	15.00	12.75
	(L*LC/T*8V/T*LV)*C20	FC64D	21	1855	54.5	39.0	15.25	12.75
	(L*9C/T*9V)*C20	FC64D	21	1655	54.0	37.8	15.25	12.75
	(L*9C/T*9V)*D20	FC64D	24	1630	54.0	37.6	15.25	12.75

1. MC coils available with a factory installed horizontal drain pan. See price pages for specific model number.

2. High Efficiency Motor Furnaces have B.O.D (Blower on Delay) standard.

PSC furnaces, such as the TG8S, TGLS, and TG9S, use Coil Only Ratings.

ACCESSORIES

Hard Start Kit - Provides increased starting torque for areas with low voltage.

UNIT MODEL	SOURCE 1 KIT NUMBERS
024	S1-2SA06704006
030	S1-2SA06704006
036	S1-2SA06709306
042	S1-2SA06704006
048	S1-2SA06708006
060	S1-2SA06709506

TXV Kits - S1-1TVM series thermal expansion valves precisely meter refrigerant for optimum performance.

Low Ambient Pressure Switch Kit (S1-2LA06700424) - Allows use of air conditioning at low outdoor ambient temperatures. For use with models containing R-410A refrigerant only.

Dehumidistat (S1-2HU16700124) - Provides increased dehumidification when matched with variable speed furnace or air handler.

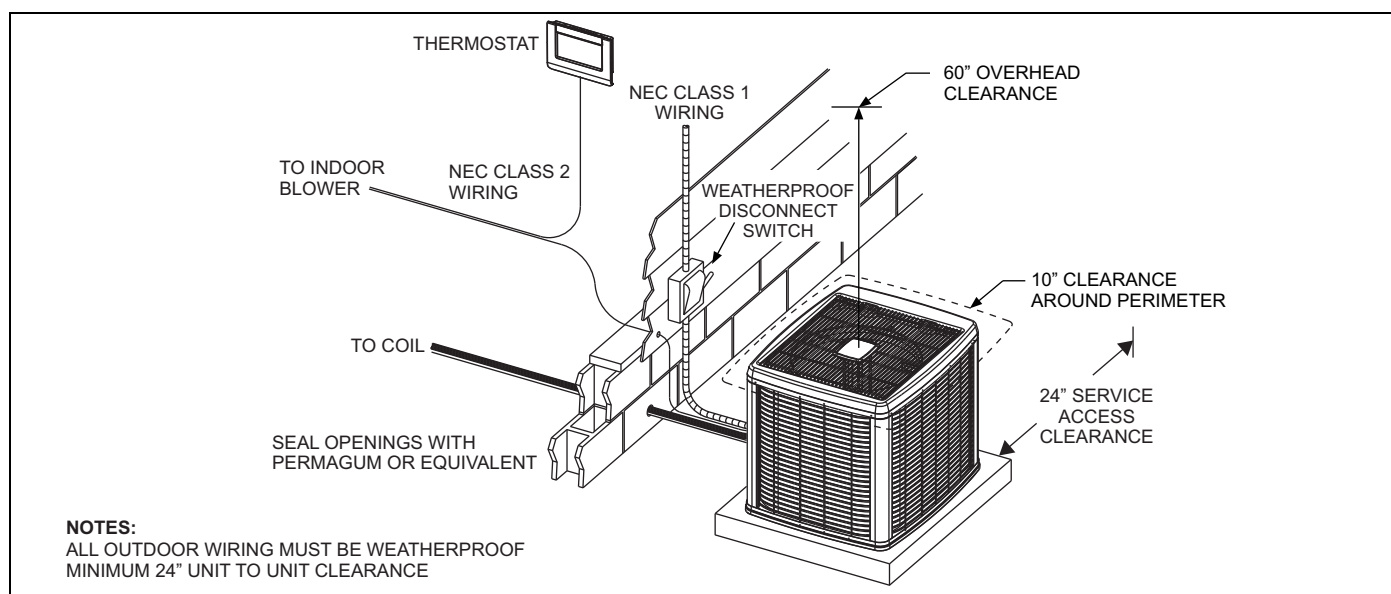
Thermostats - Compatible thermostat controls are available through accessory sourcing. For optimum performance and installation, refer to the UPGNET "Low Voltage Wiring Diagram" document to select and apply controls.

SOUND POWER LEVEL - TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)

Size	Test Condition	63	125	250	500	1000	2000	4000	8000	dBA	SQI
024	Cooling Mode	72	75	66	66	61	54	47	40	67	19.2
030	Cooling Mode	70	77	67	69	66	58	51	47	70	19.1
036	Cooling Mode	74	73	70	71	69	63	57	51	73	19.0
042	Cooling Mode	78	72	69	70	67	61	55	48	71	19.1
048	Cooling Mode	72	73	70	70	67	62	58	52	72	19.0
060	Cooling Mode	76	73	74	70	70	62	58	55	74	19.2

Rated in accordance with ARI Standard 270-2008.

TYPICAL INSTALLATION



COOLING PERFORMANCE DATA

OUTDOOR UNIT MODEL NO.		AL6B024F3(C)														
INDOOR COIL MODEL NO.		FC/MC/PC35B														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	600					800					1000				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	20.0	22.0	22.8	25.2	28.1	21.7	23.5	24.1	27.1	30.1	23.4	25.0	25.4	29.1	32.1
	S.C.	20.0	19.1	16.8	16.7	13.4	21.7	22.1	18.8	19.1	14.7	23.4	25.0	20.9	21.4	16.0
	K.W.	1.32	1.30	1.30	1.31	1.30	1.38	1.37	1.37	1.38	1.37	1.44	1.45	1.44	1.45	1.45
75	T.C.	19.0	21.2	21.6	24.2	26.9	20.6	22.6	23.1	26.0	28.9	22.2	24.1	24.5	27.8	31.0
	S.C.	19.0	18.7	16.1	16.1	12.9	20.6	21.6	18.2	18.4	14.2	22.2	24.1	20.4	20.7	15.6
	K.W.	1.50	1.49	1.49	1.49	1.49	1.56	1.56	1.56	1.56	1.55	1.63	1.63	1.63	1.63	1.62
85	T.C.	18.0	20.3	20.4	23.1	25.7	19.5	21.8	22.0	24.8	27.7	21.1	23.2	23.6	26.5	29.8
	S.C.	18.0	18.3	15.4	15.5	12.4	19.5	21.1	17.6	17.7	13.8	21.1	23.2	19.8	19.9	15.2
	K.W.	1.68	1.69	1.68	1.67	1.67	1.75	1.75	1.75	1.74	1.73	1.81	1.81	1.82	1.82	1.80
95	T.C.	17.0	19.5	19.3	22.0	24.4	18.4	20.9	21.0	23.6	26.5	19.9	22.4	22.7	25.2	28.6
	S.C.	17.0	17.9	14.7	14.9	11.9	18.4	20.7	17.0	17.0	13.4	19.9	22.4	19.3	19.1	14.8
	K.W.	1.87	1.88	1.88	1.85	1.85	1.93	1.94	1.94	1.93	1.91	2.00	1.99	2.00	2.00	1.98
105	T.C.	16.1	18.3	18.1	20.8	23.2	17.4	19.6	19.6	22.3	25.1	18.8	20.9	21.1	23.8	27.1
	S.C.	16.1	17.2	14.2	14.4	11.4	17.4	19.6	16.4	16.5	12.8	18.8	20.9	18.6	18.5	14.1
	K.W.	2.24	2.23	2.22	2.17	2.15	2.27	2.27	2.27	2.24	2.21	2.31	2.30	2.33	2.30	2.27
115	T.C.	15.2	17.1	17.0	19.6	22.0	16.5	18.3	18.3	21.0	23.7	17.8	19.5	19.6	22.5	25.5
	S.C.	15.2	16.5	13.6	13.9	10.9	16.5	18.3	15.8	15.9	12.2	17.8	19.5	17.9	18.0	13.5
	K.W.	2.61	2.57	2.56	2.49	2.44	2.60	2.59	2.60	2.54	2.50	2.60	2.60	2.64	2.59	2.56
125	T.C.	14.3	15.9	15.9	18.4	20.8	15.5	17.0	17.0	19.8	22.4	16.7	18.1	18.1	21.2	24.0
	S.C.	14.3	15.8	13.1	13.4	10.4	15.5	17.0	15.2	15.4	11.6	16.7	18.1	17.2	17.5	12.8
	K.W.	2.97	2.91	2.90	2.80	2.73	2.93	2.91	2.92	2.84	2.79	2.90	2.90	2.95	2.87	2.85

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC32	1.00	1.00	1.00
–	FC/MC/PC37	1.02	1.02	1.02
–	FC/MC/PC43	1.02	1.02	1.02
AHE24B	–	1.05	1.00	0.95
AHE30B	–	1.05	1.00	0.95
AHE36C	–	1.08	1.06	0.94
AHP30	–	1.00	1.00	1.02
AHR24B	–	1.00	0.98	0.96
AV*36	–	1.05	0.98	0.92
AHX24	–	1.04	0.99	0.95
AHX30	–	1.05	1.01	0.94
AHX36	–	1.06	1.02	0.98
F6FP030	–	1.05	1.01	0.97
F6FP036	–	1.06	1.02	0.96
MV12B	FC/MC35B	1.05	1.01	0.94
MV12B	FC/MC43B	1.06	1.01	0.94
MX12B	FC/MC35B	1.06	1.00	0.93
MX12B	FC/MC43B	1.05	0.99	0.92

Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC32A	1.05	1.00	0.92
T*(8,L)X*B12	FC/MC/PC35B	1.07	1.04	0.92
T*(8,L)X*C16	FC/MC/PC35C	1.07	1.05	0.92
T*(8,L)X*C20	FC/MC/PC35C	1.07	1.06	0.93

Furnaces	Coils	T.C.	S.C.	KW
T*9X*B12	FC/MC/PC35B	1.05	1.00	0.92
T*9X*C16	FC/MC/PC35C	1.05	1.00	0.92
T*9X*C20	FC/MC/PC35C	1.05	1.00	0.94
T*(8,L)X*A12	FC/MC/PC37A	1.08	1.05	0.93
T*(8,L)X*B12	FC/MC/PC43B	1.08	1.06	0.93
T*(8,L)X*C16	FC/MC/PC43C	1.08	1.06	0.93
T*(8,L)X*C20	FC/MC/PC43C	1.06	1.01	0.93
T*9X*B12	FC/MC/PC43B	1.07	1.02	0.93
T*9X*C16	FC/MC/PC43C	1.07	1.02	0.93
T*9X*C20	FC/MC/PC43C	1.06	1.01	0.93
(L*LC/T*8V/T*LV)*A12	FC/MC/PC32A	1.03	0.98	0.94
(L*LC/T*8V/T*LV)*B12	FC/MC/PC35B	1.05	0.99	0.94
(L*LC/T*8V/T*LV)*C16	FC/MC/PC35C	1.05	1.00	0.94
(L*LC/T*8V/T*LV)*C20	FC/MC/PC35C	1.04	0.98	0.93
(L*9C/T*9V)*B12	FC/MC/PC35B	1.04	0.99	0.96
(L*9C/T*9V)*C16	FC/MC/PC35C	1.07	1.06	0.95
(L*9C/T*9V)*C20	FC/MC/PC35C	1.04	0.98	0.93
(L*LC/T*8V/T*LV)*A12	FC/MC/PC37A	1.06	1.01	0.96
(L*LC/T*8V/T*LV)*B12	FC/MC/PC43B	1.06	1.01	0.94
(L*LC/T*8V/T*LV)*C16	FC/MC/PC43C	1.06	1.01	0.93
(L*LC/T*8V/T*LV)*C20	FC/MC/PC43C	1.05	0.99	0.94
(L*9C/T*9V)*B12	FC/MC/PC43B	1.06	1.01	0.96
(L*9C/T*9V)*C16	FC/MC/PC43C	1.06	1.01	0.94
(L*9C/T*9V)*C20	FC/MC/PC43C	1.08	1.08	0.95

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.			AL6B030F3(C)													
INDOOR COIL MODEL NO.			FC/MC43B													
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	800					1000					1200				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	24.6	29.3	29.4	32.1	34.3	26.9	30.5	30.6	33.0	36.0	29.3	31.8	31.7	33.9	37.7
	S.C.	24.6	24.8	20.7	20.5	15.8	26.9	27.5	23.0	22.0	16.8	29.3	30.3	25.3	23.5	17.8
	KW	1.69	1.68	1.68	1.70	1.71	1.76	1.76	1.76	1.78	1.80	1.84	1.84	1.84	1.86	1.88
75	T.C.	23.8	27.9	28.0	31.0	33.5	25.8	29.2	29.2	32.0	35.0	27.7	30.5	30.3	33.0	36.6
	S.C.	23.8	23.7	20.0	20.0	15.4	25.8	26.4	22.2	21.7	16.5	27.7	29.0	24.4	23.3	17.6
	KW	1.92	1.92	1.92	1.93	1.93	2.00	2.00	1.99	2.00	2.02	2.07	2.08	2.07	2.08	2.10
85	T.C.	23.1	26.6	26.6	29.9	32.6	24.6	27.9	27.8	31.0	34.1	26.2	29.3	29.0	32.1	35.5
	S.C.	23.1	22.6	19.3	19.4	15.1	24.6	25.2	21.4	21.3	16.3	26.2	27.7	23.6	23.2	17.5
	KW	2.16	2.17	2.16	2.15	2.15	2.23	2.24	2.23	2.23	2.23	2.31	2.32	2.30	2.30	2.31
95	T.C.	22.4	25.3	25.2	28.7	31.7	23.5	26.7	26.4	30.0	33.1	24.7	28.0	27.6	31.3	34.5
	S.C.	22.4	21.6	18.5	18.9	14.8	23.5	24.0	20.7	21.0	16.1	24.7	26.5	22.8	23.1	17.4
	KW	2.39	2.42	2.39	2.38	2.37	2.47	2.49	2.46	2.45	2.45	2.54	2.56	2.53	2.52	2.53
105	T.C.	21.6	23.9	23.7	27.2	30.0	22.9	25.3	24.9	28.4	31.4	24.2	26.6	26.0	29.6	32.8
	S.C.	21.6	20.9	17.8	18.2	14.1	22.9	23.3	19.9	20.2	15.4	24.2	25.7	22.0	22.3	16.7
	KW	2.78	2.84	2.79	2.75	2.75	2.84	2.88	2.85	2.82	2.83	2.90	2.92	2.91	2.89	2.91
115	T.C.	20.8	22.6	22.2	25.7	28.4	22.3	23.9	23.4	26.8	29.8	23.7	25.2	24.5	27.9	31.2
	S.C.	20.8	20.3	17.0	17.5	13.5	22.3	22.7	19.1	19.5	14.7	23.7	25.0	21.1	21.4	16.0
	KW	3.16	3.24	3.18	3.11	3.11	3.20	3.25	3.23	3.18	3.20	3.25	3.27	3.29	3.25	3.28
125	T.C.	20.1	21.3	20.8	24.2	26.7	21.7	22.6	21.9	25.3	28.1	23.3	23.9	22.9	26.3	29.5
	S.C.	20.1	19.6	16.3	16.8	12.9	21.7	22.0	18.3	18.7	14.1	23.3	23.9	20.3	20.6	15.3
	KW	3.54	3.65	3.56	3.48	3.48	3.57	3.63	3.61	3.55	3.56	3.60	3.61	3.66	3.61	3.65

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC32	0.99	0.98	1.01
–	FC/MC/PC35	0.99	0.98	1.01
–	FC/MC/PC37	1.00	1.00	1.00
–	FC/MC/PC48	1.00	1.02	1.00
–	FC/MC/PC60	1.00	1.01	1.00
–	UC48	0.95	0.95	0.99
–	UC60	0.96	0.95	1.00
AHE30B	–	1.00	0.98	0.96
AHE36C	–	1.03	1.01	0.93
AHE42D	–	1.04	1.03	0.93
AHE48D	–	1.03	1.02	0.91
AHP30	–	0.99	0.98	1.01
AHP36	–	1.00	1.00	1.00
AHR30B	–	1.00	1.03	1.02
AHR36B	–	1.01	1.03	1.01
AV*36	–	1.02	1.00	0.93
AHX30	–	0.99	0.99	0.95

AHX36	–	1.03	1.02	0.93
F6FP030	–	1.00	0.98	0.98
F6FP036	–	0.98	0.96	0.94
F6FP042	–	1.03	1.03	0.94
F6FP048	–	1.03	1.02	0.97
MV12B	FC/MC35B	0.99	0.98	0.94
MV16C	FC/MC35C	1.01	1.01	0.95
MV12B	FC/MC43B	1.02	1.00	0.94
MV16C	FC/MC43C	1.03	1.01	0.95
MV16C	FC/MC48C	1.03	1.02	0.94
MX12B	FC/MC35B	1.02	1.03	0.96
MX16C	FC/MC35C	1.01	0.99	0.92
MX12B	FC/MC43B	1.04	1.05	0.94
MX16C	FC/MC43C	1.03	1.01	0.91
MX16C	FC/MC48C	1.04	1.02	0.93

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Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC32A	0.99	0.97	0.97
T*(8,L)X*B12	FC/MC/PC35B	1.01	1.02	0.95
T*(8,L)X*C16	FC/MC/PC35C	1.01	1.02	0.95
T*(8,L)X*C20	FC/MC/PC35C	0.97	0.92	0.91
T*9X*B12	FC/MC/PC35B	1.01	1.01	0.95
T*9X*C16	FC/MC/PC35C	1.01	1.00	0.95
T*9X*C20	FC/MC/PC35C	0.97	0.92	0.91
T*(8,L)X*A12	FC/MC/PC37A	1.04	1.06	0.96
T*(8,L)X*B12	FC/MC/PC43B	1.04	1.07	0.96
T*(8,L)X*C16	FC/MC/PC43C	1.03	1.01	0.94
T*(8,L)X*C20	FC/MC/PC43C	1.01	0.96	0.91
T*9X*B12	FC/MC/PC43B	1.04	1.05	0.96
T*9X*C16	FC/MC/PC43C	1.03	1.04	0.96
T*9X*C20	FC/MC/PC43C	0.96	0.89	0.90
T*(8,L)X*C16	FC/MC/PC48C	1.04	1.02	0.93
T*(8,L)X*C20	FC/MC/PC48C	1.02	0.99	0.91
T*9X*C16	FC/MC/PC48C	1.05	1.06	0.95
T*9X*C20	FC/MC/PC48C	0.98	0.90	0.91
T*9X*D20	FC/MC/PC48D	0.99	0.93	0.91
T*(8,L)X*C16	FC/PC60C	1.04	1.05	0.94
T*(8,L)X*C20	FC/PC60C	1.02	0.99	0.91
T*9X*C16	FC/PC60C	1.05	1.05	0.95
T*9X*C20	FC/PC60C	0.98	0.96	0.89
T*9X*D20	FC/MC/PC60D	0.99	0.97	0.90
T*(8,L)X*C16	UC48C	0.96	0.93	0.90
T*9X*C16	UC48C	0.97	0.97	0.95
T*(8,L)X*C16	UC60C	0.96	0.95	0.92
T*9X*C16	UC60C	0.97	0.97	0.94
(L*LC/T*8V/T*LV)*A12	FC/MC/PC32A	0.98	0.96	1.02
(L*LC/T*8V/T*LV)*B12	FC/MC/PC35B	0.99	0.97	0.97
(L*LC/T*8V/T*LV)*C16	FC/MC/PC35C	0.99	0.98	0.95

Furnaces	Coils	T.C.	S.C.	KW
(L*LC/T*8V/T*LV)*C20	FC/MC/PC35C	0.99	0.98	0.97
(L*9C/T*9V)*B12	FC/MC/PC35B	0.98	0.97	0.98
(L*9C/T*9V)*C16	FC/MC/PC35C	0.99	0.98	0.95
(L*9C/T*9V)*C20	FC/MC/PC35C	0.99	0.98	0.95
(L*LC/T*8V/T*LV)*A12	FC/MC/PC37A	1.01	0.98	0.97
(L*LC/T*8V/T*LV)*B12	FC/MC/PC43B	1.02	1.00	0.98
(L*LC/T*8V/T*LV)*C16	FC/MC/PC43C	1.03	1.00	0.95
(L*LC/T*8V/T*LV)*C20	FC/MC/PC43C	1.03	1.01	0.93
(L*9C/T*9V)*B12	FC/MC/PC43B	1.01	0.99	0.99
(L*9C/T*9V)*C16	FC/MC/PC43C	1.02	1.00	0.96
(L*9C/T*9V)*C20	FC/MC/PC43C	1.03	1.00	0.95
(L*LC/T*8V/T*LV)*C16	FC/MC/PC48C	1.03	1.02	0.96
(L*LC/T*8V/T*LV)*C20	FC/MC/PC48C	1.03	1.02	0.94
(L*9C/T*9V)*C16	FC/MC/PC48C	1.03	1.02	0.96
(L*9C/T*9V)*C20	FC/MC/PC48C	1.03	1.02	0.94
(L*9C/T*9V)*D20	FC/MC/PC48D	1.05	1.06	0.95
(L*LC/T*8V/T*LV)*C16	FC/PC60C	1.03	1.04	0.94
(L*LC/T*8V/T*LV)*C20	FC/PC60C	1.03	1.01	0.94
(L*9C/T*9V)*C16	FC/PC60C	1.03	1.01	0.97
(L*9C/T*9V)*C20	FC/PC60C	1.03	1.01	0.96
(L*9C/T*9V)*D20	FC/MC/PC60D	1.05	1.05	0.97
(L*LC/T*8V/T*LV)*C16	UC48C	0.95	0.93	0.93
(L*LC/T*8V/T*LV)*C20	UC48C	0.95	0.93	0.93
(L*9C/T*9V)*C16	UC48C	0.95	0.93	0.93
(L*9C/T*9V)*C20	UC48C	0.95	0.93	0.93
(L*9C/T*9V)*D20	UC48D	0.98	0.98	0.96
(L*LC/T*8V/T*LV)*C16	UC60C	0.95	0.92	0.92
(L*LC/T*8V/T*LV)*C20	UC60C	0.95	0.94	0.92
(L*9C/T*9V)*C16	UC60C	0.95	0.92	0.93
(L*9C/T*9V)*C20	UC60C	0.95	0.92	0.92
(L*9C/T*9V)*D20	UC60D	0.98	0.97	0.94

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.			AL6B036F3(C)													
INDOOR COIL MODEL NO.			FC/MC43C													
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1000					1200					1400				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	30.5	36.1	36.7	39.0	41.1	32.1	37.2	37.5	40.0	41.3	33.7	38.3	38.4	41.0	41.5
	S.C.	30.5	30.7	26.8	25.1	19.5	32.1	33.6	28.7	26.8	20.1	33.7	36.4	30.5	28.4	20.7
	KW	2.04	2.03	2.04	2.04	2.06	2.11	2.11	2.11	2.12	2.13	2.18	2.18	2.18	2.20	2.21
75	T.C.	30.3	34.4	34.8	37.4	39.8	31.9	35.4	35.7	38.3	40.1	33.5	36.4	36.6	39.2	40.4
	S.C.	30.3	30.0	25.8	24.7	19.2	31.9	32.7	27.8	26.5	20.1	33.5	35.3	29.9	28.3	21.0
	KW	2.29	2.29	2.29	2.29	2.30	2.36	2.37	2.36	2.37	2.37	2.43	2.44	2.43	2.44	2.45
85	T.C.	30.1	32.7	33.0	35.9	38.5	31.7	33.6	33.9	36.7	38.9	33.2	34.5	34.8	37.4	39.3
	S.C.	30.1	29.4	24.8	24.2	18.9	31.7	31.8	27.0	26.3	20.1	33.2	34.2	29.3	28.3	21.2
	KW	2.54	2.55	2.55	2.54	2.54	2.61	2.62	2.62	2.61	2.61	2.68	2.69	2.69	2.69	2.69
95	T.C.	29.9	31.1	31.2	34.3	37.2	31.4	31.8	32.1	35.0	37.7	33.0	32.6	33.0	35.7	38.2
	S.C.	29.9	28.7	23.8	23.8	18.7	31.4	30.9	26.2	26.0	20.0	33.0	32.6	28.7	28.2	21.4
	KW	2.80	2.81	2.80	2.79	2.78	2.86	2.88	2.87	2.86	2.85	2.93	2.94	2.94	2.93	2.93
105	T.C.	28.3	28.9	29.1	31.9	34.9	29.7	29.8	29.8	32.6	35.4	31.1	30.7	30.6	33.2	35.8
	S.C.	28.3	27.4	22.6	22.8	17.7	29.7	29.3	24.9	24.9	19.1	31.1	30.7	27.1	27.1	20.5
	KW	3.21	3.21	3.21	3.19	3.15	3.26	3.27	3.28	3.25	3.22	3.32	3.33	3.34	3.32	3.29
115	T.C.	26.7	26.9	27.1	29.6	32.6	27.9	27.9	27.7	30.2	33.1	29.2	28.9	28.3	30.8	33.5
	S.C.	26.7	26.1	21.5	21.8	16.8	27.9	27.8	23.6	23.9	18.3	29.2	28.9	25.7	26.0	19.7
	KW	3.61	3.60	3.62	3.58	3.51	3.65	3.65	3.67	3.64	3.58	3.70	3.70	3.73	3.69	3.65
125	T.C.	25.2	24.8	25.1	27.3	30.4	26.2	26.0	25.5	27.8	30.8	27.3	27.1	25.9	28.4	31.2
	S.C.	25.2	24.8	20.5	20.8	15.9	26.2	26.0	22.3	22.9	17.4	27.3	27.1	24.2	25.0	18.9
	KW	4.00	3.99	4.02	3.97	3.88	4.04	4.03	4.07	4.02	3.94	4.07	4.07	4.11	4.07	4.00

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC37	1.00	1.00	1.00
–	FC/MC/PC48	1.00	1.00	1.00
–	FC/MC/PC60	1.00	1.00	1.00
–	FC/MC62	1.01	1.00	1.01
–	FC64	1.04	1.05	1.02
–	HD48	1.00	0.99	1.00
–	HD60	1.01	1.00	1.01
–	UC48	0.99	0.99	1.01
–	UC60	0.99	0.98	1.01
AHE36C	–	1.02	1.02	0.96
AHE42D	–	1.03	1.03	0.94
AHE48D	–	1.03	1.02	0.93
AHE60D	–	1.04	1.04	0.93
AHP36	–	1.00	1.00	1.00
AHP42	–	1.00	1.00	1.00
AHR36B	–	0.99	0.99	1.02
AHR42C	–	1.02	1.02	1.00
AV*36	–	1.02	1.03	0.96
AV*48	–	1.04	1.05	0.94
AHX36	–	1.03	1.03	0.95
AHX42	–	1.04	1.05	0.93
AHX48	–	1.05	1.08	0.95
AHX60	–	1.05	1.08	0.95
F4FV060	–	1.03	1.04	0.95
F6FP048	–	1.01	1.01	0.94

Air Handlers	Coils	T.C.	S.C.	KW
F6FP060	–	1.05	1.06	0.95
F6FP042	–	1.05	1.06	0.97
MV12B	FC/MC43B	1.03	1.02	0.97
MV16C	FC/MC43C	1.03	1.02	0.95
MV12D	FC/MC48D	1.05	1.03	0.93
MV16C	FC/MC48C	1.03	1.03	0.96
MV12D	FC/MC60D	1.03	1.02	0.95
MV20D	FC/MC48D	1.05	1.08	0.95
MV20D	FC/MC60D	1.04	1.05	0.94
MV12D	FC/MC62D	1.05	1.05	0.93
MV20D	FC/MC62D	1.05	1.08	0.95
MV12D	FC64D	1.06	1.07	0.93
MV20D	FC64D	1.06	1.11	0.93
MX12B	FC/MC43B	1.02	1.02	0.98
MX16C	FC/MC43C	1.02	1.01	0.93
MX12D	FC/MC48D	1.04	1.02	0.96
MX16C	FC/MC48C	1.05	1.03	0.93
MX12D	FC/MC60D	1.05	1.05	0.95
MX20D	FC/MC60D	1.05	1.07	0.94
MX12D	FC/MC62D	1.05	1.07	0.94
MX20D	FC/MC62D	1.05	1.07	0.94
MX12D	FC64D	1.08	1.12	0.93
MX20D	FC64D	1.08	1.12	0.93

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Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC37A	1.03	1.06	0.99
T*(8,L)X*B12	FC/MC/PC43B	1.04	1.06	0.98
T*(8,L)X*C16	FC/MC/PC43C	1.03	1.03	0.94
T*(8,L)X*C20	FC/MC/PC43C	1.03	1.02	0.95
T*9X*B12	FC/MC/PC43B	1.03	1.06	0.99
T*9X*C16	FC/MC/PC43C	1.03	1.05	0.97
T*9X*C20	FC/MC/PC43C	1.03	1.02	0.95
T*(8,L)X*C16	FC/MC/PC48C	1.04	1.03	0.94
T*(8,L)X*C20	FC/MC/PC48C	1.05	1.07	0.95
T*9X*C16	FC/MC/PC48C	1.04	1.07	0.96
T*9X*C20	FC/MC/PC48C	1.03	1.03	0.95
T*9X*D20	FC/MC/PC48D	1.04	1.03	0.94
T*(8,L)X*C16	FC/PC60C	1.03	1.03	0.92
T*(8,L)X*C20	FC/PC60C	1.04	1.06	0.94
T*9X*C16	FC/PC60C	1.04	1.07	0.96
T*9X*C20	FC/PC60C	1.03	1.02	0.95
T*9X*D20	FC/MC/PC60D	1.04	1.06	0.94
T*9X*D20	FC/MC62D	1.03	1.02	0.94
T*9X*D20	FC64D	1.05	1.05	0.94
T*(8,L)X*B12	HD48	1.03	1.03	0.94
T*(8,L)X*C16	HD48	1.02	1.00	0.92
T*(8,L)X*C20	HD48	1.03	1.02	0.95
T*9X*B12	HD48	1.04	1.06	0.98
T*9X*C16	HD48	1.05	1.08	0.97
T*9X*C20	HD48	1.03	1.02	0.95
T*9X*D20	HD48	1.05	1.05	0.95
T*(8,L)X*C16	HD60	1.03	1.02	0.93
T*(8,L)X*C20	HD60	1.04	1.04	0.94
T*9X*C16	HD60	1.05	1.08	0.95
T*9X*C20	HD60	1.04	1.04	0.94
T*9X*D20	HD60	1.05	1.05	0.95
T*(8,L)X*C16	UC48C	1.02	1.02	0.93
T*(8,L)X*C20	UC48C	1.02	1.05	0.95
T*9X*C16	UC48C	1.02	1.05	0.96
T*9X*C20	UC48C	1.02	1.02	0.96
T*9X*D20	UC48D	1.02	1.02	0.95
T*(8,L)X*C16	UC60C	1.02	1.01	0.92
T*(8,L)X*C20	UC60C	1.02	1.04	0.95
T*9X*C16	UC60C	1.02	1.05	0.96
T*9X*C20	UC60C	1.01	1.00	0.95
T*9X*D20	UC60D	1.02	1.03	0.93

Furnaces	Coils	T.C.	S.C.	KW
(L*LC/T*8V/T*LV)*A12	FC/MC/PC37A	1.02	1.02	1.02
(L*LC/T*8V/T*LV)*B12	FC/MC/PC43B	1.02	1.05	1.02
(L*LC/T*8V/T*LV)*C16	FC/MC/PC43C	1.03	1.02	0.97
(L*LC/T*8V/T*LV)*C20	FC/MC/PC43C	1.03	1.02	0.97
(L*9C/T*9V)*B12	FC/MC/PC43B	1.02	1.02	1.02
(L*9C/T*9V)*C16	FC/MC/PC43C	1.02	1.01	1.00
(L*9C/T*9V)*C20	FC/MC/PC43C	1.02	1.02	0.96
(L*LC/T*8V/T*LV)*C16	FC/MC/PC48C	1.03	1.03	0.95
(L*LC/T*8V/T*LV)*C20	FC/MC/PC48C	1.03	1.03	0.96
(L*9C/T*9V)*C16	FC/MC/PC48C	1.03	1.02	0.97
(L*9C/T*9V)*C20	FC/MC/PC48C	1.04	1.08	1.00
(L*9C/T*9V)*D20	FC/MC/PC48D	1.03	1.02	0.97
(L*LC/T*8V/T*LV)*C16	FC/PC60C	1.03	1.02	0.95
(L*LC/T*8V/T*LV)*C20	FC/PC60C	1.03	1.02	0.95
(L*9C/T*9V)*C16	FC/PC60C	1.02	1.02	0.98
(L*9C/T*9V)*C20	FC/PC60C	1.04	1.07	1.00
(L*9C/T*9V)*D20	FC/MC/PC60D	1.02	1.01	0.96
(L*9C/T*9V)*D20	FC/MC62D	1.03	1.02	0.96
(L*LC/T*8V/T*LV)*B12	HD48	1.02	1.02	0.98
(L*LC/T*8V/T*LV)*C16	HD48	1.03	1.02	0.95
(L*LC/T*8V/T*LV)*C20	HD48	1.03	1.02	0.95
(L*9C/T*9V)*B12	HD48	1.02	1.02	1.00
(L*9C/T*9V)*C16	HD48	1.02	1.02	0.96
(L*9C/T*9V)*C20	HD48	1.04	1.06	1.00
(L*9C/T*9V)*D20	HD48	1.03	1.02	0.97
(L*LC/T*8V/T*LV)*C16	HD60	1.03	1.03	0.96
(L*LC/T*8V/T*LV)*C20	HD60	1.04	1.04	0.94
(L*9C/T*9V)*C16	HD60	1.03	1.03	0.97
(L*9C/T*9V)*C20	HD60	1.05	1.08	1.00
(L*9C/T*9V)*D20	HD60	1.03	1.02	0.95
(L*LC/T*8V/T*LV)*C16	UC48C	1.01	1.01	0.95
(L*LC/T*8V/T*LV)*C20	UC48C	1.02	1.02	0.94
(L*9C/T*9V)*C16	UC48C	1.01	1.01	0.97
(L*9C/T*9V)*C20	UC48C	1.02	1.05	1.00
(L*9C/T*9V)*D20	UC48D	1.02	1.01	0.98
(L*LC/T*8V/T*LV)*C16	UC60C	1.01	1.00	0.95
(L*LC/T*8V/T*LV)*C20	UC60C	1.01	1.00	0.95
(L*9C/T*9V)*C16	UC60C	1.00	0.99	0.98
(L*9C/T*9V)*C20	UC60C	1.02	1.04	0.98
(L*9C/T*9V)*D20	UC60D	1.00	0.98	0.96

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.			AL6B042F3(C)													
INDOOR COIL MODEL NO.			FC/MC62D													
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1200					1400					1600				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	39.4	42.1	42.1	46.0	49.2	41.2	42.7	42.7	47.0	50.4	43.0	43.3	43.2	48.0	51.7
	S.C.	39.4	35.7	30.5	30.5	24.0	41.2	38.3	32.2	32.5	25.2	42.9	41.0	34.0	34.5	26.4
	KW	2.43	2.44	2.43	2.45	2.46	2.51	2.52	2.50	2.53	2.53	2.59	2.60	2.58	2.61	2.61
75	T.C.	38.5	40.5	40.5	44.3	47.6	40.1	41.2	41.1	45.2	48.7	41.8	41.9	41.7	46.0	49.7
	S.C.	38.5	35.2	29.9	29.8	23.5	40.1	37.8	31.7	31.8	24.7	41.8	40.4	33.6	33.7	25.9
	KW	2.73	2.74	2.73	2.73	2.74	2.81	2.82	2.81	2.81	2.82	2.89	2.90	2.88	2.89	2.90
85	T.C.	37.6	38.9	38.8	42.7	46.1	39.0	39.7	39.5	43.3	46.9	40.5	40.4	40.2	44.0	47.7
	S.C.	37.6	34.7	29.2	29.1	23.0	39.0	37.3	31.2	31.0	24.2	40.5	39.8	33.2	32.9	25.5
	KW	3.03	3.04	3.04	3.02	3.03	3.11	3.11	3.11	3.10	3.11	3.19	3.19	3.18	3.18	3.19
95	T.C.	36.6	37.3	37.1	41.0	44.5	38.0	38.1	37.9	41.5	45.1	39.3	39.0	38.7	42.0	45.7
	S.C.	36.6	34.2	28.6	28.3	22.5	38.0	36.7	30.7	30.2	23.7	39.3	39.0	32.7	32.1	25.0
	KW	3.34	3.34	3.34	3.31	3.31	3.41	3.41	3.41	3.39	3.39	3.49	3.49	3.48	3.46	3.48
105	T.C.	34.8	35.1	34.9	38.4	42.0	36.1	35.9	35.6	38.9	42.5	37.4	36.8	36.3	39.4	43.1
	S.C.	34.8	33.1	27.6	27.3	21.6	36.1	35.1	29.7	29.2	22.8	37.4	36.8	31.8	31.1	24.1
	KW	3.89	3.88	3.87	3.80	3.78	3.94	3.94	3.93	3.87	3.85	3.99	4.00	3.99	3.94	3.93
115	T.C.	33.0	32.9	32.7	35.9	39.5	34.3	33.8	33.3	36.4	40.0	35.5	34.6	34.0	36.8	40.6
	S.C.	33.0	31.9	26.7	26.4	20.7	34.3	33.5	28.8	28.3	22.0	35.5	34.6	30.8	30.1	23.2
	KW	4.42	4.41	4.38	4.27	4.24	4.45	4.45	4.44	4.34	4.30	4.49	4.49	4.49	4.40	4.36
125	T.C.	31.3	30.8	30.5	33.4	37.0	32.4	31.6	31.0	33.8	37.5	33.6	32.4	31.6	34.3	38.0
	S.C.	31.3	30.8	25.8	25.4	19.8	32.4	31.6	27.8	27.3	21.1	33.6	32.4	29.9	29.2	22.4
	KW	4.96	4.94	4.90	4.75	4.69	4.97	4.96	4.94	4.81	4.74	4.98	4.99	4.98	4.86	4.80

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC60	1.00	1.00	1.02
–	FC64	1.02	1.05	1.00
–	HD60	1.01	1.02	1.01
–	UC60	0.98	0.98	1.02
AHE42D	–	0.98	1.01	0.92
AHE48D	–	1.01	1.03	0.94
AHE60D	–	1.02	1.06	0.91
AHP48	–	1.00	1.03	1.00
AHP60	–	1.01	1.04	0.95
AHR42C	–	0.96	1.00	1.00
AHR48D	–	0.99	0.99	1.03
AHR60D	–	1.00	1.02	1.00
AV*48	–	1.01	1.03	0.94
AV*60	–	1.01	1.03	0.94
AHX42	–	0.98	1.00	0.90
AHX48	–	1.02	1.07	0.93
AHX60	–	1.02	1.06	0.95
F6FP042	–	0.98	1.01	0.92

F6FP048	–	1.00	1.01	0.94
F6FP060	–	1.04	1.07	0.96
F4FV060	–	0.99	1.00	0.93
MV16C	FC/MC43C	0.96	0.98	0.93
MV16C	FC/MC48C	0.98	0.98	0.92
MV20D	FC/MC48D	0.99	1.03	0.91
MV16C	FC/MC60C	1.01	1.02	0.95
MV20D	FC/MC60D	1.01	1.02	0.94
MV20D	FC/MC62D	1.02	1.06	0.95
MV20D	FC64D	1.04	1.07	0.92
MX16C	FC/MC43C	0.96	0.99	0.93
MX16C	FC/MC48C	0.98	0.99	0.89
MX20D	FC/MC48D	0.98	1.01	0.90
MX16C	FC/MC60C	1.02	1.05	0.95
MX20D	FC/MC60D	1.04	1.07	0.94
MX20D	FC/MC62D	1.05	1.09	0.93
MX20D	FC64D	1.07	1.13	0.94

Continued on next page.

Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*C16	FC/MC/PC48C	0.98	0.99	0.90
T*(8,L)X*C20	FC/MC/PC48C	0.98	1.02	0.90
T*9X*C16	FC/MC/PC48C	0.96	0.98	0.91
T*9X*C20	FC/MC/PC48C	0.98	0.99	0.92
T*9X*D20	FC/MC/PC48D	0.98	0.99	0.92
T*(8,L)X*C16	FC/MC/PC48D	0.98	0.99	0.90
T*(8,L)X*C20	FC/MC/PC48D	0.98	1.02	0.90
T*9X*C16	FC/MC/PC48D	0.96	0.98	0.91
T*9X*C20	FC/MC/PC48D	0.98	0.99	0.92
T*(8,L)X*C16	FC/PC60C	1.01	1.03	0.94
T*(8,L)X*C20	FC/PC60C	1.02	1.06	0.95
T*9X*C16	FC/PC60C	1.01	1.01	0.95
T*9X*C20	FC/PC60C	1.01	1.02	0.95
T*9X*D20	FC/MC/PC60D	1.02	1.07	0.93
T*(8,L)X*C16	FC/MC/PC60D	1.01	1.03	0.92
T*(8,L)X*C20	FC/MC/PC60D	1.01	1.05	0.94
T*9X*C16	FC/MC/PC60D	1.01	1.01	0.95
T*9X*C20	FC/MC/PC60D	1.01	1.02	0.94
T*(8,L)X*C16	FC/MC62D	1.02	1.04	0.93
T*(8,L)X*C20	FC/MC62D	1.04	1.08	0.94
T*9X*C16	FC/MC62D	1.01	1.03	0.95
T*9X*C20	FC/MC62D	1.02	1.03	0.95
T*9X*D20	FC/MC62D	1.02	1.04	0.95
T*(8,L)X*C16	FC64D	1.05	1.07	0.93
T*(8,L)X*C20	FC64D	1.05	1.11	0.93
T*9X*C16	FC64D	1.04	1.07	0.94
T*9X*C20	FC64D	1.04	1.07	0.94
T*9X*D20	FC64D	1.04	1.07	0.94
T*(8,L)X*C16	HD48	0.98	0.99	0.92
T*(8,L)X*C20	HD48	0.98	1.01	0.92
T*9X*C16	HD48	0.96	0.98	0.93
T*9X*C20	HD48	0.96	0.98	0.91
T*9X*D20	HD48	0.96	0.98	0.91
T*(8,L)X*C16	HD60	1.04	1.05	0.98
T*(8,L)X*C20	HD60	1.04	1.08	0.98
T*9X*C16	HD60	1.02	1.04	0.95
T*9X*C20	HD60	1.02	1.04	0.95
T*9X*D20	HD60	1.04	1.04	0.94
T*(8,L)X*C16	UC60C	1.00	1.01	0.94
T*(8,L)X*C20	UC60C	1.00	1.02	0.94
T*9X*C16	UC60C	0.99	0.99	0.97
T*9X*C20	UC60C	0.99	1.00	0.95

Furnaces	Coils	T.C.	S.C.	KW
T*9X*D20	UC60D	1.01	1.03	0.95
(L*LC/T*8V/T*LV)*C20	FC/MC/PC48C	0.96	0.98	0.93
(L*9C/T*9V)*C16	FC/MC/PC48C	0.96	0.97	0.94
(L*9C/T*9V)*C20	FC/MC/PC48C	0.96	0.97	0.94
(L*9C/T*9V)*D20	FC/MC/PC48D	0.96	0.97	0.94
(L*LC/T*8V/T*LV)*C20	FC/MC/PC48D	0.96	0.98	0.93
(L*9C/T*9V)*C16	FC/MC/PC48D	0.96	0.97	0.94
(L*9C/T*9V)*C20	FC/MC/PC48D	0.96	0.97	0.94
(L*LC/T*8V/T*LV)*C16	FC/PC60C	1.01	1.01	0.97
(L*LC/T*8V/T*LV)*C20	FC/PC60C	1.01	1.02	0.95
(L*9C/T*9V)*C16	FC/PC60C	1.00	1.01	1.00
(L*9C/T*9V)*C20	FC/PC60C	1.00	1.01	0.98
(L*9C/T*9V)*D20	FC/MC/PC60D	1.01	1.01	0.97
(L*LC/T*8V/T*LV)*C16	FC/MC/PC60D	1.01	1.01	0.97
(L*LC/T*8V/T*LV)*C20	FC/MC/PC60D	1.01	1.02	0.95
(L*9C/T*9V)*C16	FC/MC/PC60D	1.00	1.01	1.00
(L*9C/T*9V)*C20	FC/MC/PC60D	1.00	1.01	0.98
(L*LC/T*8V/T*LV)*C16	FC/MC62D	1.01	1.03	0.97
(L*LC/T*8V/T*LV)*C20	FC/MC62D	1.02	1.03	0.97
(L*9C/T*9V)*C16	FC/MC62D	1.01	1.02	1.01
(L*9C/T*9V)*C20	FC/MC62D	1.01	1.03	0.97
(L*9C/T*9V)*D20	FC/MC62D	1.01	1.03	0.97
(L*LC/T*8V/T*LV)*C16	FC64D	1.04	1.07	0.96
(L*LC/T*8V/T*LV)*C20	FC64D	1.04	1.07	0.94
(L*9C/T*9V)*C16	FC64D	1.02	1.05	0.98
(L*9C/T*9V)*C20	FC64D	1.04	1.06	0.98
(L*9C/T*9V)*D20	FC64D	1.04	1.07	0.98
(L*LC/T*8V/T*LV)*C16	HD48	0.96	0.97	0.94
(L*LC/T*8V/T*LV)*C20	HD48	0.96	0.97	0.93
(L*9C/T*9V)*C16	HD48	0.96	0.97	0.94
(L*9C/T*9V)*D20	HD48	0.96	0.97	0.94
(L*LC/T*8V/T*LV)*C16	HD60	1.02	1.03	0.97
(L*LC/T*8V/T*LV)*C20	HD60	1.02	1.04	0.95
(L*9C/T*9V)*C16	HD60	1.01	1.03	0.99
(L*9C/T*9V)*C20	HD60	1.02	1.03	0.98
(L*9C/T*9V)*D20	HD60	1.02	1.03	0.97
(L*LC/T*8V/T*LV)*C16	UC60C	0.99	0.99	0.97
(L*LC/T*8V/T*LV)*C20	UC60C	0.99	1.00	0.95
(L*9C/T*9V)*C16	UC60C	0.98	0.99	1.00
(L*9C/T*9V)*C20	UC60C	0.99	0.99	0.99
(L*9C/T*9V)*D20	UC60D	0.99	0.99	0.97

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		AL6B048F3(C)														
INDOOR COIL MODEL NO.		FC64D														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1400					1600					1800				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	46.0	48.2	47.8	53.2	56.1	47.8	49.4	48.4	53.9	56.6	49.6	50.5	49.1	54.7	57.1
	S.C.	46.0	41.7	35.4	35.0	26.2	47.8	44.6	37.4	36.1	27.4	49.6	47.4	39.3	37.3	28.6
	KW	2.67	2.67	2.66	2.67	2.68	2.74	2.75	2.74	2.74	2.78	2.81	2.83	2.81	2.82	2.87
75	T.C.	44.2	46.1	46.3	50.8	54.5	45.9	47.3	47.3	51.6	55.2	47.6	48.4	48.2	52.4	55.8
	S.C.	44.2	40.8	34.7	34.0	26.0	45.9	43.5	36.6	35.5	27.2	47.6	46.3	38.5	36.9	28.4
	KW	3.00	3.01	3.01	3.01	3.01	3.08	3.08	3.08	3.08	3.10	3.15	3.15	3.16	3.15	3.19
85	T.C.	42.3	43.9	44.8	48.5	52.9	44.0	45.1	46.1	49.3	53.7	45.6	46.3	47.3	50.1	54.5
	S.C.	42.3	39.9	34.0	33.1	25.7	44.0	42.5	35.9	34.8	27.0	45.6	45.2	37.8	36.6	28.2
	KW	3.34	3.35	3.36	3.35	3.35	3.41	3.42	3.43	3.42	3.43	3.49	3.48	3.50	3.49	3.51
95	T.C.	40.5	41.8	43.3	46.2	51.4	42.1	43.0	44.9	47.0	52.3	43.7	44.2	46.4	47.8	53.2
	S.C.	40.5	38.9	33.3	32.1	25.4	42.1	41.5	35.2	34.2	26.7	43.7	44.1	37.0	36.3	28.0
	KW	3.68	3.69	3.71	3.69	3.68	3.75	3.75	3.78	3.76	3.75	3.82	3.80	3.85	3.83	3.83
105	T.C.	38.0	38.4	40.5	43.4	48.3	39.6	39.5	41.8	44.2	49.2	41.2	40.5	43.1	45.1	50.0
	S.C.	38.0	36.6	32.1	31.1	24.2	39.6	38.5	33.9	33.1	25.5	41.2	40.5	35.7	35.2	26.8
	KW	4.28	4.27	4.32	4.25	4.24	4.33	4.32	4.38	4.32	4.31	4.38	4.36	4.45	4.39	4.39
115	T.C.	35.5	35.1	37.7	40.7	45.4	37.2	36.0	38.8	41.6	46.1	38.8	36.9	39.9	42.4	46.8
	S.C.	35.5	34.3	30.9	30.0	23.0	37.2	35.7	32.7	32.1	24.3	38.8	36.9	34.5	34.2	25.6
	KW	4.85	4.84	4.91	4.80	4.78	4.88	4.87	4.97	4.86	4.86	4.91	4.90	5.03	4.93	4.94
125	T.C.	33.1	31.8	34.9	37.9	42.4	34.7	32.6	35.8	38.9	43.0	36.4	33.3	36.7	39.8	43.7
	S.C.	33.1	31.8	29.7	29.0	21.8	34.7	32.6	31.5	31.1	23.1	36.4	33.3	33.3	33.1	24.4
	KW	5.43	5.40	5.50	5.35	5.32	5.44	5.42	5.55	5.41	5.40	5.45	5.45	5.61	5.47	5.48

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC48	0.96	0.94	1.00
–	FC/MC/PC60	0.96	0.94	1.00
–	FC/MC62	0.97	0.96	1.01
–	HD48	0.96	0.94	1.00
–	HD60	0.98	0.96	1.00
AHE48D	–	0.96	0.97	0.96
AHE60D	–	0.97	0.99	0.93
AHP48	–	0.96	0.94	1.00
AHP60	–	0.98	0.96	0.98
AHR48D	–	0.97	0.95	1.01
AHR60D	–	0.97	0.96	0.99
AV*48	–	0.97	0.98	0.97
AV*60	–	0.97	0.99	0.95
AHX48	–	0.98	1.01	0.96
AHX60	–	0.98	0.99	0.94

F4FV060	–	0.96	0.98	0.96
F6FP048	–	0.97	0.98	0.97
F6FP060	–	0.98	0.99	0.94
MV16C	FC/MC48C	0.96	0.96	0.96
MV20D	FC/MC48D	0.96	0.97	0.94
MV16C	FC/PC60C	0.95	0.96	1.01
MV20D	FC/MC60D	0.96	0.97	0.96
MV20D	FC/MC62D	0.97	0.99	0.95
MV20D	FC64D	1.00	1.05	0.94
MX16C	FC/MC48C	0.96	0.99	0.96
MX20D	FC/MC48D	0.96	0.97	0.92
MX16C	FC/PC60C	0.96	0.96	0.92
MX20D	FC/MC62D	0.98	0.99	0.92
MX20D	FC64D	1.00	1.05	0.93

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Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*C16	FC/MC/PC48C	0.96	0.96	0.96
T*(8,L)X*C20	FC/MC/PC48C	0.96	0.96	0.96
T*9X*C16	FC/MC/PC48C	0.96	0.96	0.98
T*9X*C20	FC/MC/PC48C	0.96	0.96	0.96
T*9X*D20	FC/MC/PC48D	0.96	0.96	0.96
T*(8,L)X*C16	FC/MC/PC48D	0.96	0.96	0.96
T*(8,L)X*C20	FC/MC/PC48D	0.96	0.96	0.96
T*9X*C16	FC/MC/PC48D	0.96	0.96	0.96
T*9X*C20	FC/MC/PC48D	0.96	0.96	0.96
T*(8,L)X*C16	FC/PC60C	0.96	0.97	0.96
T*(8,L)X*C20	FC/PC60C	0.96	0.97	0.96
T*9X*C16	FC/PC60C	0.96	0.96	0.98
T*9X*C20	FC/PC60C	0.96	0.97	0.96
T*9X*D20	FC/MC/PC60D	0.96	0.96	0.92
T*(8,L)X*C16	FC/MC/PC60D	0.96	0.97	0.96
T*(8,L)X*C20	FC/MC/PC60D	0.96	0.97	0.96
T*9X*C16	FC/MC/PC60D	0.96	0.96	0.98
T*9X*C20	FC/MC/PC60D	0.96	0.97	0.96
T*(8,L)X*C16	FC/MC62D	0.97	0.98	0.97
T*(8,L)X*C20	FC/MC62D	0.97	0.99	0.95
T*9X*C16	FC/MC62D	0.97	0.98	0.97
T*9X*C20	FC/MC62D	0.97	0.99	0.97
T*9X*D20	FC/MC62D	0.97	0.98	0.97
T*(8,L)X*C16	HD48	0.95	0.96	0.95
T*(8,L)X*C20	HD48	0.95	0.96	0.95
T*9X*C16	HD48	0.95	0.96	0.97
T*9X*C20	HD48	0.95	0.96	0.95
T*9X*D20	HD48	0.95	0.96	0.97
T*(8,L)X*C16	HD60	0.97	0.98	0.97
T*(8,L)X*C20	HD60	0.97	0.99	0.95
T*9X*C16	HD60	0.97	0.98	0.97
T*9X*C20	HD60	0.97	0.99	0.97
T*9X*D20	HD60	0.97	0.98	0.97
T*9X*C20	UC48C	0.95	0.96	0.95
T*(8,L)X*C16	UC60C	0.95	0.95	0.97
T*(8,L)X*C20	UC60C	0.96	0.96	0.98
T*9X*C16	UC60C	0.95	0.95	0.97
T*9X*C20	UC60C	0.95	0.95	0.97
T*9X*D20	UC60D	0.95	0.94	0.97
T*(8,L)X*C20	FC64D	0.99	1.01	0.92

Furnaces	Coils	T.C.	S.C.	KW
T*9X*C16	FC64D	0.99	0.99	0.95
T*9X*C20	FC64D	0.99	1.00	0.93
T*9X*D20	FC64D	0.98	0.99	0.92
(L*LC/T*8V/T*LV)*C16	FC/MC/PC48C	0.95	0.95	1.01
(L*LC/T*8V/T*LV)*C20	FC/MC/PC48C	0.95	0.96	0.99
(L*9C/T*9V)*C16	FC/MC/PC48C	0.95	0.96	0.99
(L*9C/T*9V)*C20	FC/MC/PC48C	0.95	0.96	0.99
(L*9C/T*9V)*D20	FC/MC/PC48D	0.95	0.96	0.99
(L*LC/T*8V/T*LV)*C16	FC/MC/PC48D	0.95	0.95	1.01
(L*LC/T*8V/T*LV)*C20	FC/MC/PC48D	0.95	0.96	0.99
(L*9C/T*9V)*C16	FC/MC/PC48D	0.95	0.96	0.99
(L*9C/T*9V)*C20	FC/MC/PC48D	0.95	0.96	0.99
(L*LC/T*8V/T*LV)*C16	FC/PC60C	0.96	0.96	1.00
(L*LC/T*8V/T*LV)*C20	FC/PC60C	0.96	0.96	1.00
(L*9C/T*9V)*C16	FC/PC60C	0.95	0.96	0.99
(L*9C/T*9V)*C20	FC/PC60C	0.95	0.96	0.99
(L*9C/T*9V)*D20	FC/MC/PC60D	0.96	0.96	1.00
(L*LC/T*8V/T*LV)*C16	FC/MC/PC60D	0.96	0.96	1.00
(L*LC/T*8V/T*LV)*C20	FC/MC/PC60D	0.96	0.96	1.00
(L*9C/T*9V)*C16	FC/MC/PC60D	0.95	0.96	0.99
(L*9C/T*9V)*C20	FC/MC/PC60D	0.95	0.96	0.99
(L*LC/T*8V/T*LV)*C16	FC/MC62D	0.97	0.98	0.99
(L*LC/T*8V/T*LV)*C20	FC/MC62D	0.97	0.98	0.97
(L*9C/T*9V)*C16	FC/MC62D	0.96	0.98	0.98
(L*9C/T*9V)*C20	FC/MC62D	0.96	0.98	1.00
(L*9C/T*9V)*D20	FC/MC62D	0.96	0.98	0.98
(L*LC/T*8V/T*LV)*C16	HD48	0.95	0.95	0.99
(L*LC/T*8V/T*LV)*C20	HD48	0.95	0.95	0.99
(L*LC/T*8V/T*LV)*C16	HD60	0.97	0.98	0.99
(L*LC/T*8V/T*LV)*C20	HD60	0.97	0.98	0.97
(L*9C/T*9V)*C16	HD60	0.96	0.98	1.00
(L*9C/T*9V)*C20	HD60	0.96	0.98	1.00
(L*9C/T*9V)*D20	HD60	0.96	0.98	0.98
(L*LC/T*8V/T*LV)*C20	UC60C	0.95	0.95	0.97
(L*LC/T*8V/T*LV)*C16	FC64D	0.98	0.98	0.94
(L*LC/T*8V/T*LV)*C20	FC64D	0.98	0.98	0.94
(L*9C/T*9V)*C16	FC64D	0.98	0.98	0.98
(L*9C/T*9V)*C20	FC64D	0.98	0.98	0.96
(L*9C/T*9V)*D20	FC64D	0.98	0.99	0.94

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		AL6B060F3(C)														
INDOOR COIL MODEL NO.		FC64D														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1500					1700					1900				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	54.9	58.0	53.0	59.0	63.9	56.8	58.9	54.4	60.1	66.6	58.6	59.7	55.7	61.3	69.3
	S.C.	52.0	45.1	39.2	37.3	30.2	53.5	48.2	41.0	39.5	31.8	55.1	51.2	42.7	41.8	33.5
	KW	3.02	3.04	3.03	3.06	3.09	3.11	3.12	3.11	3.14	3.18	3.20	3.21	3.19	3.22	3.26
75	T.C.	51.9	54.9	50.7	56.5	61.7	53.8	55.7	52.1	57.9	63.5	55.8	56.4	53.5	59.3	65.4
	S.C.	49.2	44.2	37.9	36.5	29.4	50.9	47.1	39.9	38.8	30.9	52.6	50.0	41.9	41.1	32.4
	KW	3.41	3.43	3.43	3.44	3.47	3.50	3.51	3.50	3.52	3.55	3.58	3.59	3.58	3.60	3.64
85	T.C.	48.8	51.7	48.4	54.0	59.4	50.8	52.4	49.8	55.7	60.5	52.9	53.1	51.2	57.4	61.6
	S.C.	46.4	43.3	36.7	35.8	28.6	48.3	46.0	38.9	38.1	30.0	50.2	48.7	41.1	40.4	31.4
	KW	3.80	3.82	3.82	3.82	3.84	3.88	3.90	3.90	3.90	3.92	3.96	3.97	3.97	3.98	4.01
95	T.C.	45.7	48.6	46.1	51.5	57.2	47.8	49.2	47.5	53.5	57.4	50.0	49.8	49.0	55.5	57.7
	S.C.	43.6	42.4	35.5	35.1	27.8	45.6	44.9	37.9	37.4	29.1	47.7	47.5	40.2	39.7	30.3
	KW	4.19	4.21	4.22	4.20	4.22	4.27	4.28	4.29	4.28	4.30	4.35	4.35	4.36	4.36	4.38
105	T.C.	43.8	44.8	43.5	48.9	54.7	45.7	45.4	44.9	50.5	55.3	47.5	46.1	46.4	52.2	55.9
	S.C.	41.7	40.1	33.7	33.8	26.4	43.5	42.0	36.2	36.0	27.7	45.3	44.0	38.6	38.2	29.0
	KW	4.84	4.87	4.89	4.85	4.85	4.91	4.92	4.96	4.92	4.93	4.97	4.98	5.02	4.99	5.00
115	T.C.	42.0	41.1	41.0	46.4	52.3	43.6	41.8	42.4	47.7	53.3	45.2	42.5	43.8	48.9	54.2
	S.C.	39.9	37.9	32.0	32.6	25.1	41.5	39.2	34.5	34.7	26.4	43.1	40.5	37.0	36.8	27.7
	KW	5.47	5.51	5.54	5.47	5.47	5.52	5.55	5.60	5.54	5.54	5.58	5.58	5.66	5.61	5.61
125	T.C.	40.2	37.4	38.5	43.9	49.9	41.5	38.1	39.9	44.8	51.2	42.8	38.9	41.3	45.7	52.5
	S.C.	38.1	35.7	30.3	31.4	23.8	39.5	36.4	32.8	33.4	25.1	40.8	37.1	35.3	35.4	26.4
	KW	6.10	6.15	6.20	6.10	6.08	6.14	6.17	6.25	6.16	6.15	6.18	6.19	6.30	6.22	6.21

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
AHE60D	—	1.00	1.02	0.96
AHR60D	—	0.97	0.97	1.01
AV*60	—	0.98	0.97	0.96
AHX60	—	1.00	1.03	0.96
F6FP060	—	1.00	1.03	0.96
MV20D	FC/MC60D	0.99	1.00	0.97
MV20D	FC/MC62D	1.00	1.02	0.98
MV20D	FC64D	1.02	1.04	0.94
MX20D	FC/MC60D	0.99	1.00	0.95
MX20D	FC/MC62D	1.01	1.03	0.95
MX20D	FC64D	1.03	1.07	0.95

Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)*C20	FC/PC60C	0.97	0.94	0.95
T*9X*C20	FC/PC60C	0.97	0.95	0.95
T*9X*D20	FC/MC/PC60D	0.98	0.97	0.94
T*(8,L)*C20	FC/MC/PC60D	0.97	0.96	0.93
T*9X*C20	FC/MC/PC60D	0.97	0.95	0.95
T*(8,L)*C20	FC/MC62D	0.99	0.99	0.93
T*9X*C20	FC/MC62D	0.99	0.99	0.95
T*9X*D20	FC/MC62D	0.99	0.98	0.95
T*(8,L)*C20	FC64D	1.02	1.03	0.96
T*9X*D20	FC64D	1.01	1.02	0.95
(L*LC/T*8V/T*LV)*C20	FC/MC62D	0.98	0.97	0.98
(L*9C/T*9V)*C20	FC/MC62D	0.98	0.97	0.98
(L*9C/T*9V)*D20	FC/MC62D	0.98	0.97	0.96
(L*LC/T*8V/T*LV)*C20	FC64D	1.02	1.04	1.00
(L*9C/T*9V)*C20	FC64D	1.01	1.01	0.99
(L*9C/T*9V)*D20	FC64D	1.01	1.01	0.99

