



HEATING & AIR CONDITIONING

TECHNICAL GUIDE

Echelon

SPLIT-SYSTEM HEAT PUMPS

13 SEER – R-410A

MODELS: HC3B018 THRU 060*(C)
(1.5 THRU 5 NOMINAL TONS)



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

Visit us on the web at www.york.com

Additional rating information can be found at
www.ahridirectory.org

WARRANTY

Standard 5-year limited parts warranty.
10-year limited compressor warranty.

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 13 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.

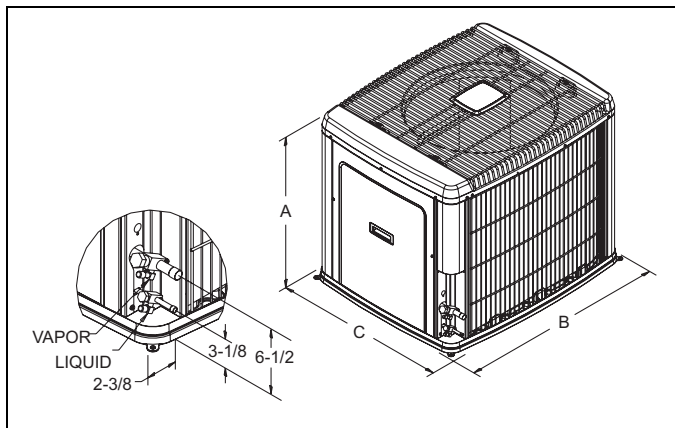
FEATURES

- **Superior Coil Protection** – A PVC coated steel coil guard completely protects coil from debris and other large damaging material while a polymer mesh further protects the coil against smaller particles.
- **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 high and low pressure as well as excessive temperature. This is accomplished by the simultaneous operation of a high pressure relief valve and temperature sensors which protect the compressor if undesirable conditions occur.
- **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 as well as 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 stability by featuring a slide-down control compartment allowing easy access to control components along with 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.
- **Long Lasting Operation** – Strong and durable composite base pan provides added strength while resisting rust and corrosion as well as reducing sound and vibration.
- **Complete System Control** – These heat pumps utilize the unique microprocessor defrost control system to provide optimal comfort as well as monitor the overall system for reliable operation. The defrost control system continuously monitors the space environment to maintain optimum efficiency. It initiates defrost only when necessary to further reduced heating costs and improve reliability. Supplemental heat can only operate below the balance point and then only upon need. In the event improper operating conditions occur (high temperature and/or high pressure), the will automatically shut the system down to extend the life of the heat pump. Rapid cycling is prevented by use of an internal anti-recycle timer. The defrost control features an internal memory to aid the technician in troubleshooting, reducing service time and cost.
- **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 ARI Standard 210/240.

Physical and Electrical Data

MODEL	HC3B 018F1(C)	HC3B 024F31(C)	HC3B 030F1(C)	HC3B 036F1(C)	HC3B 042F1(C)	HC3B 048F1(C)	HC3B 060F2(C)
Unit Supply Voltage	208/230 – 1 – 60						
Normal Voltage Range ¹	187 to 252						
Minimum Circuit Ampacity	14.2	18.8	22.0	25.6	32.1	35.3	37.5
Max. Overcurrent Device Amps ²	25	30	35	40	50	60	60
Min. Overcurrent Device Amps ³	15	20	25	30	35	40	40
Compressor Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor Amps	Rated Load	11.0	14.7	16.4	19.3	24.5	25.0
	Locked Rotor	51	60	73	88	105	150
Crankcase Heater	No	No	No	No	No	No	No
Fan Motor Amps	Rated Load	0.5	0.5	1.5	1.5	1.5	1.5
Fan Diameter Inches	22	22	22	22	22	22	24
Fan Motor	Rated HP	1/15	1/15	1/4	1/4	1/4	1/4
	Nominal RPM	850	850	850	850	850	850
	Nominal CFM	2,050	2,250	3,200	3,250	3,250	3,500
Coil	Face Area Sq Ft	14.86	17.15	17.15	20.58	20.58	23.58
	Rows Deep	1	1	1	1	1	2
	Fin /Inch	22	22	22	22	22	18
Liquid Line Set OD (Field Installed)	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Vapor Line Set OD (Field Installed)	3/4	3/4	3/4	3/4	7/8	7/8	7/8
Unit Charge (Lbs - Oz) ⁴	7-1	7-10	7-9	9-5	9-2	12-5	16-8
Charge Per Foot, oz.	0.62	0.62	0.62	0.62	0.67	0.67	0.67
Operating Weight Lbs	175	190	195	220	220	260	265

1. Rated in accordance with ARI Standard 110, 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. 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.

DIMENSIONS

Unit Model	Dimensions (Inches)			Refrigerant Connection Service Valve Size	
	A	B	C	Liquid	Vapor
018	29-1/2	37	31	3/8"	3/4"
024	33-1/2	37	31		
030	33-1/2	37	31		
036	39-1/2	37	31		
042	39-1/2	37	31		
048	39-1/2	37	31		
060	39-1/2	42	34		7/8"

System Charge for Various Matched Systems							
Outdoor Unit	HC3B018F1(C)	HC3B024F31(C)	HC3B030F1(C)	HC3B036F1(C)	HC3B042F1(C)	HC3B048F1(C)	HC3B060F2(C)
Required TXV ¹	1TVM4F1	1TVM4F1	1TVM4G1	1TVM4H1	1TVM4H1	1TVM4J1	1TVM4K1
Factory Charge, lbs-oz	7-1	7-10	7-9	9-5	9-2	12-5	16-8
Indoor Coil ²	TXV Kit ³ - Additional Charge, oz						
FC/MC/PC/UC18A	901 + 0	-	-	-	-	-	-
FC/MC/PC/UC18B	901 + 0	-	-	-	-	-	-
FC/MC/PC/UC24A	-	902 + 5	-	-	-	-	-
FC/MC/PC/UC24B	-	902 + 5	-	-	-	-	-
FC/MC/PC/UC30A	-	902 + 5	-	-	-	-	-
FC/MC/PC/UC30B	-	902 + 5	-	-	-	-	-
FC/MC/PC/UC36A	-	-	903 + 5	904 + 3	-	-	-
FC/MC/PC/UC36B	-	-	903 + 5	904 + 3	-	-	-
FC/MC/PC/UC36C	-	-	903 + 5	904 + 3	-	-	-
FC/MC/PC/UC48C	-	-	-	-	904 + 7	-	-
FC/MC/PC/UC48D	-	-	-	-	904 + 7	-	-
FC/PC/UC60C	-	-	-	-	-	905 + 12	-
FC/MC/PC/UC60D	-	-	-	-	-	905 + 12	-
MC61D	-	-	-	-	-	905 + 16	-
FC/MC62D	-	-	-	-	-	-	906 + 0
FC64D	-	-	-	-	-	905 + 22	906 + 8
HC18A	901 + 0	-	-	-	-	-	-
HC30A	-	902 + 7	903 + 5	-	-	-	-
HC36B	-	-	-	904 + 5	-	-	-
HC42C	-	-	-	-	904 + 5	-	-
HC60D	-	-	-	-	-	905 + 10	-
HD24A	901 + 9	902 + 7	-	-	-	-	-
HD36B	-	-	903 + 9	904 + 10	-	-	-
HD48C	-	-	-	-	904 + 5	-	-
HD60D	-	-	-	-	-	905 + 10	-
AHP18B	901 + 0	-	-	-	-	-	-
AHP24B	-	902 + 6	-	-	-	-	-
AHP30B	-	-	903 + 9	-	-	-	-
AHP36C	-	-	903 + 14	904 + 13	-	-	-
AHP42C	-	-	-	904 + 13	-	-	-
AHP/SHP48D	-	-	-	-	904 + 7	905 + 8	-
AHP/SHP60D	-	-	-	-	-	905 + 8	-
AV*24B	901 + 3	902 + 6	-	-	-	-	-
AV*36C	-	-	903 + 14	904 + 13	-	-	-
AV/SV*48D	-	-	-	904 + 20	904 + 10	905 + 8	-
F*FP024H06T2A	901 + 0	-	-	-	-	-	-
F*FP024H06T2B	901 + 0	-	-	-	-	-	-
F*FP030H06T2A	-	902 + 3	-	-	-	-	-
F*FP036H06T2A	-	-	903 + 7	904 + 5	-	-	-
F*FP042H06T2A	-	-	-	904 + 7	-	-	-

FOOTNOTES:

1. If indoor coil comes with a factory-installed TXV, it must be removed and replaced with the required TXV.
2. Systems matched with furnace or air handlers not equipped with blower-off delays may require blower Time Delay Kit 2FD06700224.
3. A TXV kit must be used with these coils to obtain system performance (1TVM* ...series).

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) + adder for evaporator + adder for line set.

COOLING CAPACITY - With Air Handler Coils

UNIT MODEL	AIR HANDLER		COIL MODEL ¹	COOLING				
	MODEL	W		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
1 PH 13 SEER HP WITH MA								
HC3B018F1(C)	MA08B	17	FC/MC18B	600	18.0	13.2	13.00	11.00
HC3B024F31(C)	MA08B	17	FC/MC24B	800	22.8	16.7	13.00	11.00
	MA08B	17	FC/MC30B	800	22.8	16.7	13.00	11.00
HC3B030F1(C)	MA12B	17	FC/MC36B	1000	29.2	21.3	13.00	11.00
HC3B036F1(C)	MA12B	17	FC/MC36B	1200	34.4	25.7	13.00	11.00
HC3B042F1(C)	MA16C	21	FC/MC48C	1400	41.0	31.8	13.00	11.00
	MA14D	21	FC/MC48D	1400	41.0	31.8	13.00	11.00
HC3B048F1(C)	MA16C	21	FC60C	1600	46.0	34.3	13.00	11.00
	MA20D	21	FC/MC60D	1600	46.0	34.3	13.00	11.00
	MA20D	24	MC61	1600	46.5	34.9	13.00	11.00
HC3B060F2(C)	MA20D	24	FC/MC62D	1800	54.0	40.0	13.00	11.00
1 PH 13 SEER HP WITH MV - VARIABLE SPEED								
HC3B018F1(C)	MV12B	17	FC/MC18B	600	17.5	13.0	14.00	11.50
HC3B024F31(C)	MV12B	17	FC/MC24B	800	23.4	17.1	14.00	11.50
	MV12B	17	FC/MC30B	800	23.4	17.1	14.00	11.50
HC3B030F1(C)	MV12B	17	FC/MC36B	1000	29.0	21.2	14.00	12.00
	MV16C	21	FC/MC36C	1000	29.0	21.2	14.00	11.00
HC3B036F1(C)	MV16C	21	FC/MC36C	1200	36.0	26.9	14.00	11.50
HC3B042F1(C)	MV16C	21	FC/MC48C	1400	42.0	32.6	14.00	11.50
	MV20D	24	FC/MC48D	1400	42.0	32.6	14.00	11.50
HC3B048F1(C)	MV20D	21	FC60C	1600	46.5	34.7	13.25	11.00
	MV20D	24	FC/MC60D	1600	47.0	35.0	13.50	11.00
	MV20D	24	MC61D	1600	47.5	35.4	13.50	11.00
	MV20D	24	FC64	1630	47.5	36.4	14.20	11.75
HC3B060F2(C)	MV20D	24	FC/MC62D	1800	54.0	40.5	13.50	11.00
	MV20D	24	FC64	1855	57.5	43.0	13.50	11.65
1 PH 13 SEER HP WITH AV / SV / F*FV - VARIABLE SPEED								
HC3B018F1(C)	AV*24	17	-	610	18.0	13.0	14.50	12.00
	AV*36	21	-	630	18.0	12.6	15.00	12.50
HC3B024F31(C)	AV*24	17	-	800	23.4	17.1	14.00	11.50
HC3B030F1(C)	AV*36	17	-	1000	30.0	21.2	14.00	11.50
HC3B036F1(C)	AV*36	21	-	1190	35.8	26.9	14.00	12.00
	AV/SV*48	24	-	1220	35.8	26.9	14.50	12.00
HC3B042F1(C)	AV/SV*48	24	-	1385	41.5	32.6	14.00	11.50
	AV/SV*60	24	-	1360	41.5	30.4	14.00	11.50
HC3B048F1(C)	AV/SV*48	24	-	1625	47.0	35.0	13.80	11.50
	AV/SV*60	24	-	1560	47.0	35.2	14.00	11.50
	F*FV060	24	-	1600	46.5	33.6	13.25	11.00
1 PH 13 SEER AHP WITH AHP / SHP / AHX / F*FP								
HC3B018F1(C)	AHP18	17	-	600	18.0	13.2	13.00	11.00
	AHX18	17	-	630	18.0	12.4	14.20	12.20
	AHX24	17	-	590	18.0	12.2	14.60	12.50
	AHX30	17	-	610	18.0	12.4	15.00	12.50
	F*FP024	18	-	600	17.9	13.2	13.00	11.00
	F6FP018	17	-	600	18.0	12.3	14.00	12.00
	F6FP024	17	-	600	18.0	12.2	14.50	12.20
	F6FP030	17	-	620	18.0	12.3	14.50	12.50

For Notes See Page 5.

COOLING CAPACITY - With Air Handler Coils (Continued)

UNIT MODEL	AIR HANDLER		COIL MODEL ¹	COOLING				
	MODEL	W		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
HC3B024F31(C)	AHP24	17	—	800	22.8	16.7	13.00	11.00
	AHX24	17	—	800	23.2	17.6	14.50	12.00
	AHX30	17	—	820	23.8	18.1	14.50	12.00
	AHX36	21	—	815	24.0	18.4	15.00	12.50
	F*FP030	18	—	800	22.8	16.7	13.00	11.00
	F6FP024	17	—	840	23.4	17.9	14.00	11.75
	F6FP030	17	—	850	23.4	17.8	14.00	11.75
	F6FP036	21	—	855	23.8	18.2	14.50	12.00
HC3B030F1(C)	AHP30	17	—	1000	29.2	21.1	13.00	11.00
	AHP36	17	—	1000	29.2	21.1	13.00	11.00
	AHX30	17	—	1025	29.8	21.8	14.00	11.50
	AHX36	21	—	1005	30.0	22.0	14.50	12.00
	AHX42	21	—	990	30.0	21.8	15.00	12.50
	AHX48	24	—	1090	30.0	22.8	15.00	12.50
	F*FP036	21	—	1000	29.4	21.2	13.00	11.00
	F6FP030	17	—	1035	29.4	21.4	14.00	11.40
	F6FP036	21	—	980	29.6	21.2	14.00	11.50
	F6FP042	21	—	1065	30.0	22.4	14.50	12.00
HC3B036F1(C)	AHP36	21	—	1200	34.4	25.8	13.00	11.00
	AHP42	21	—	1200	34.4	25.8	13.00	11.00
	F6FP036	21	—	1210	34.2	25.2	13.50	11.20
	F6FP042	21	—	1290	35.4	27.2	14.00	11.50
	F6FP048	24	—	1125	34.8	25.8	14.50	12.00
	F6FP060	24	—	1240	35.6	27.0	14.50	12.00
	AHX36	21	—	1225	35.2	26.2	14.00	12.00
	AHX42	21	—	1190	35.4	26.4	14.50	12.00
	AHX48	24	—	1255	35.8	27.4	14.50	12.00
	F*FP036	21	—	1200	35.0	26.2	13.00	11.00
F*FP042	21	—	1200	35.3	26.2	13.00	11.00	
HC3B042F1(C)	AHP/SHP48	24	—	1400	41.0	31.8	13.00	11.00
	F6FP042	21	—	1455	41.5	31.4	13.50	11.50
	F6FP048	24	—	1380	41.5	31.0	14.00	11.75
	F6FP060	24	—	1475	42.0	32.2	14.00	11.75
	AHX42	21	—	1395	41.5	31.0	14.25	12.00
	AHX48	24	—	1445	42.0	31.8	14.25	12.00
	AHX60	24	—	1440	42.0	31.8	14.00	11.75
HC3B048F1(C)	AHP/SHP48	24	—	1600	46.0	33.0	13.00	11.00
	AHP/SHP60	24	—	1600	46.0	33.0	13.25	11.00
	F6FP048	24	—	1625	47.5	35.6	13.75	11.75
	F6FP060	24	—	1710	47.5	36.4	13.25	11.50
	AHX48	24	—	1660	47.5	36.0	13.75	11.75
	AHX60	24	—	1680	47.5	36.2	13.50	11.50
HC3B060F2(C)	F6FP060	24	—	1710	54.0	41.0	13.50	11.00
	AHX60	24	—	1905	54.5	42.5	13.50	11.00

Rated in accordance with DOE test procedures (Federal Register 12-27-79 and 3-18-88) and ARI Standards 210.

Cooling MBH based on 80°F entering air temperature, 50% RH, and rated air flow.

EER (Energy Efficiency Ratio) is the total cooling output in BTU's 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 BTU's 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.

COOLING CAPACITY - Upflow, Downflow & Horizontal Furnaces and Coils

UNIT MODEL	FURNACE		COIL MODEL	COOLING				
	CFM RANGE (MIN.-MAX.)	W		RATED CFM	NET MBH		SEER ¹	EER
					TOTAL	SENS.		
HC3B018F1(C)	450 750	14,17	FC/MC/PC/UC18	600	18.0	13.2	13.00	11.00
		14	HC18	600	18.0	13.2	13.00	11.00
		–	HD24	600	18.0	13.2	13.00	11.00
HC3B024F31(C)	600 1000	14,17	FC/MC/PC/UC24	800	22.8	16.7	13.00	11.00
		14,17	FC/MC/PC/UC30	800	22.8	16.7	13.00	11.00
		14	HC30	800	22.8	16.7	13.00	11.00
		–	HD24	800	22.4	17.8	13.00	11.00
HC3B030F1(C)	800 1200	14,17,21	FC/MC/PC/UC36	1000	29.2	21.3	13.00	11.00
		17	HC36	1000	29.6	21.0	13.00	11.00
		–	HD36	1000	29.6	21.6	13.00	11.00
HC3B036F1(C)	1000 1400	14,17,21	FC/MC/PC/UC36	1200	34.4	25.7	13.00	11.00
		17	HC36	1200	35.2	25.7	13.00	11.00
		–	HD36	1200	34.8	26.1	13.00	11.00
HC3B042F1(C)	1200 1600	21,24	FC/MC/PC/UC48	1400	41.0	31.8	13.00	11.00
		21	HC42	1400	40.0	30.7	13.00	11.00
		–	HD48	1400	40.0	31.2	13.00	11.00
HC3B048F1(C)	1400 1800	21,24	FC/MC/PC/UC60	1600	46.0	34.3	13.00	11.00
		24	FC64	1600	46.5	35.8	13.25	11.10
		24	HC60	1600	46.0	33.5	13.00	11.00
		–	HD60	1600	46.0	33.2	13.00	11.00
		24	MC61	1600	46.5	34.9	13.00	11.00
HC3B060F2(C)	1600 - 2000	24	FC/MC62D	1800	54.0	40.0	13.00	11.00
		24	FC64	1800	57.0	43.0	13.25	11.10

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

COOLING CAPACITY - With High Efficiency Motor Furnaces

MODELS	FURNACE MODEL	COIL MODEL ¹	W	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
1 PH 13 SEER HP WITH VARIABLE SPEED FURNACES²								
HC3B018F1(C)	T*(8,L)X*A12	FC/MC/PC18A	14	540	18.0	11.8	14.60	12.50
	T*(8,L)X*B12	FC/MC/PC18B	17	580	18.0	12.1	14.80	12.50
	T*9X*B12	FC/MC/PC18B	17	590	18.0	12.2	15.00	12.50
	T*(8,L)X*A12	FC/MC/PC24A	14	595	18.0	12.2	15.00	12.50
	T*(8,L)X*B12	FC/MC/PC24B	17	620	18.0	12.2	15.00	12.50
	T*9X*B12	FC/MC/PC24B	17	615	18.0	12.2	15.00	12.50
	T*(8,L)X*A12	FC/MC/PC32A	14	590	18.0	12.2	15.00	12.50
	T*(8,L)X*A12	UC18A	14	590	18.0	12.2	15.00	12.50
	T*(8,L)X*B12	UC18B	17	595	18.0	12.2	14.90	12.50
	T*9X*B12	UC18B	17	590	18.0	12.2	15.00	12.50
	T*(8,L)X*A12	UC24A	14	570	18.0	12.1	15.00	12.50
	T*(8,L)X*B12	UC24B	17	575	18.0	12.1	15.00	12.50
	T*9X*B12	UC24B	17	615	18.0	12.4	15.00	12.50
	T*(8,L)X*A12	HD24	14	605	18.0	12.3	14.90	12.50
	T*(8,L)X*B12	HD24	17	655	18.0	13.0	15.00	12.50
	T*9X*B12	HD24	17	630	18.0	12.3	15.00	12.50
	(C*(8,L)C/T*8V)*A12	FC/MC/PC18A	14	620	18.0	12.3	14.90	12.70
	(C*(8,L)C/T*8V)*B12	FC/MC/PC18B	17	580	18.0	12.0	14.80	12.70
	(C*9C/T*9V)*B12	FC/MC/PC18B	17	610	18.0	12.2	15.00	12.90
	(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	14	640	18.0	12.6	15.10	12.70
	(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	17	575	18.0	12.1	15.20	13.00
	(C*9C/T*9V)*B12	FC/MC/PC24B	17	610	18.0	12.6	15.20	12.90
	(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	14	640	18.0	12.6	15.10	12.70
	(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	17	575	18.0	12.1	15.20	13.00
	(C*9C/T*9V)*B12	FC/MC/PC30B	17	610	18.0	12.6	15.20	12.90
	(C*(8,L)C/T*8V)*A12	HC18	14	620	18.0	12.3	14.90	12.70
	(C*(8,L)C/T*8V)*A12	HD24	14	640	18.0	12.5	15.20	13.00
	(C*(8,L)C/T*8V)*B12	HD24	17	575	18.0	12.0	15.30	13.10
	(C*9C/T*9V)*B12	HD24	17	610	18.0	12.5	15.40	13.10
	(C*(8,L)C/T*8V)*A12	UC18A	14	620	18.0	12.3	15.00	12.80
	(C*(8,L)C/T*8V)*B12	UC18B	17	580	18.0	12.1	14.90	12.80
	(C*9C/T*9V)*B12	UC18B	17	610	18.0	12.3	15.00	12.90
	(C*(8,L)C/T*8V)*A12	UC24A	14	640	18.0	12.6	15.20	12.90
(C*(8,L)C/T*8V)*B12	UC24B	17	575	18.0	12.2	15.30	13.10	
(C*9C/T*9V)*B12	UC24B	17	610	18.0	12.6	15.30	13.00	
(C*(8,L)C/T*8V)*A12	UC30A	14	640	18.0	12.6	15.20	12.90	
(C*(8,L)C/T*8V)*B12	UC30B	17	575	18.0	12.2	15.30	13.10	
(C*9C/T*9V)*B12	UC30B	17	610	18.0	12.6	15.30	13.00	

For Notes See Page 12.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

MODELS	FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				RATED CFM	NET MBH		SEER	EER	
					TOTAL	SENS.			
HC3B024F31(C)	T*(8,L)X*A12	FC/MC/PC24A	14	775	23.4	17.5	14.50	12.00	
	T*(8,L)X*B12	FC/MC/PC24B	17	835	23.6	18.1	14.90	12.50	
	T*9X*B12	FC/MC/PC24B	17	775	23.4	17.5	14.50	12.00	
	T*(8,L)X*A12	FC/MC/PC32A	14	800	23.6	18.0	14.50	12.00	
	T*(8,L)X*B12	FC/MC/PC35B	17	850	23.8	18.6	15.00	12.50	
	T*(8,L)X*C20	FC/MC/PC35C	21	885	24.0	18.8	15.00	12.50	
	T*9X*B12	FC/MC/PC35B	17	785	23.6	18.0	15.00	12.50	
	T*9X*C16	FC/MC/PC35C	21	715	23.4	17.1	15.00	12.50	
	T*9X*C20	FC/MC/PC35C	21	825	23.6	18.0	15.00	12.50	
	T*(8,L)X*A12	FC/MC/PC36A	14	815	23.8	18.1	15.00	12.50	
	T*(8,L)X*B12	FC/MC/PC36B	17	835	23.8	18.1	15.00	12.50	
	T*9X*B12	FC/MC/PC36B	17	775	23.8	18.0	15.00	12.50	
	T*9X*C16	FC/MC/PC36C	21	770	23.6	17.6	15.00	12.50	
	T*9X*C20	FC/MC/PC36C	21	810	23.8	18.0	15.00	12.50	
	T*(8,L)X*A12	UC24A	UC24A	14	785	23.6	17.7	14.80	12.30
	T*(8,L)X*B12	UC24B	UC24B	17	805	23.6	17.7	15.00	12.50
	T*9X*B12	UC24B	UC24B	17	775	23.6	17.7	14.80	12.30
	T*(8,L)X*A12	UC36A	UC36A	14	780	23.4	17.6	15.00	12.50
	T*(8,L)X*B12	UC36B	UC36B	17	760	23.6	17.7	15.00	12.50
	T*9X*B12	UC36B	UC36B	17	775	23.4	17.6	15.00	12.50
	T*9X*C16	UC36C	UC36C	21	770	23.6	17.6	15.00	12.50
	T*9X*C20	UC36C	UC36C	21	810	23.4	17.5	14.50	12.00
	T*(8,L)X*A12	HD36	HD36	14	765	20.6	16.7	14.90	12.40
	T*(8,L)X*B12	HD36	HD36	17	855	23.6	17.8	15.10	12.50
	T*9X*B12	HD36	HD36	17	790	23.4	17.2	14.90	12.40
	(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	FC/MC/PC24A	14	805	23.2	17.7	14.60	12.20
	(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	FC/MC/PC24B	17	815	23.4	17.7	14.90	12.30
	(C*9C/T*9V)*B12	FC/MC/PC24B	FC/MC/PC24B	17	790	23.2	17.7	14.60	12.20
	(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	FC/MC/PC30A	14	805	23.2	17.7	14.60	12.20
	(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	FC/MC/PC30B	17	815	23.4	17.7	14.90	12.30
	(C*9C/T*9V)*B12	FC/MC/PC30B	FC/MC/PC30B	17	790	23.2	17.7	14.60	12.20
	(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	FC/MC/PC32A	14	775	23.4	17.5	14.50	12.10
	(C*(8,L)C/T*8V)*A12	HC30	HC30	14	775	23.2	17.3	14.30	12.00
	(C*(8,L)C/T*8V)*A12	HD24	HD24	14	805	23.6	17.8	14.90	12.40
	(C*(8,L)C/T*8V)*B12	HD24	HD24	17	815	23.8	17.9	15.10	12.50
	(C*9C/T*9V)*B12	HD24	HD24	17	790	23.6	17.8	14.90	12.40
	(C*(8,L)C/T*8V)*A12	UC24A	UC24A	14	805	23.6	17.8	14.80	12.30
	(C*(8,L)C/T*8V)*B12	UC24B	UC24B	17	815	23.6	17.8	15.10	12.50
	(C*9C/T*9V)*B12	UC24B	UC24B	17	790	23.6	17.8	14.80	12.30
	(C*(8,L)C/T*8V)*A12	UC30A	UC30A	14	805	23.6	17.8	14.80	12.30
(C*(8,L)C/T*8V)*B12	UC30B	UC30B	17	815	23.6	17.8	15.10	12.50	
(C*9C/T*9V)*B12	UC30B	UC30B	17	790	23.6	17.8	14.80	12.30	

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COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

MODELS	FURNACE MODEL	COIL MODEL ¹	W	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
HC3B030F1(C)	T*(8,L)X*A12	FC/MC/PC32A	14	970	29.4	21.2	13.10	11.20
	T*(8,L)X*B12	FC/MC/PC35B	17	1120	30.0	22.6	13.90	11.90
	T*(8,L)X*C16	FC/MC/PC35C	21	1105	30.0	22.6	14.00	12.00
	T*9X*B12	FC/MC/PC35B	17	1085	30.0	22.4	13.50	11.50
	T*9X*C16	FC/MC/PC35C	21	1075	30.0	22.2	14.00	12.00
	T*(8,L)X*A12	FC/MC/PC36A	14	995	29.4	21.0	13.60	11.50
	T*(8,L)X*B12	FC/MC/PC36B	17	1090	29.8	22.0	13.90	11.50
	T*(8,L)X*C16	FC/MC/PC36C	21	1100	30.0	22.2	14.00	12.00
	T*9X*B12	FC/MC/PC36B	17	1070	29.8	22.0	13.90	11.50
	T*9X*C16	FC/MC/PC36C	21	1070	29.8	22.0	14.00	12.00
	T*(8,L)X*A12	FC/MC/PC37A	14	1105	30.0	22.6	13.80	11.60
	T*(8,L)X*A12	UC36A	14	1035	29.6	21.4	13.90	11.50
	T*(8,L)X*B12	UC36B	17	1115	29.8	22.2	14.00	11.50
	T*(8,L)X*C20	UC36C	21	955	29.4	21.2	14.20	12.00
	T*9X*B12	UC36B	17	1070	29.6	21.6	14.00	11.50
	T*9X*C16	UC36C	21	1070	29.6	21.6	14.00	11.50
	T*(8,L)X*A12	HD36	14	995	26.6	21.2	13.10	10.55
	T*(8,L)X*B12	HD36	17	995	26.6	21.2	13.10	10.60
	T*(8,L)X*C16	HD36	21	1000	26.8	21.2	13.30	10.75
	T*9X*B12	HD36	17	995	26.6	21.2	13.10	10.60
	(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	14	1045	29.6	21.6	13.10	11.20
	(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	17	995	29.8	21.8	13.90	11.90
	(C*9C/T*9V)*B12	FC/MC/PC35B	17	1045	29.6	21.8	13.50	11.50
	(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	21	1025	30.0	21.8	14.40	12.10
	(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	21	1080	30.0	22.4	14.30	12.10
	(C*9C/T*9V)*C16	FC/MC/PC35C	21	1005	29.8	21.8	14.30	12.00
	(C*9C/T*9V)*C20	FC/MC/PC35C	21	985	29.8	21.8	14.30	12.00
	(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	14	1000	29.4	21.2	13.90	11.60
	(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	17	985	29.6	21.2	14.20	11.90
	(C*9C/T*9V)*B12	FC/MC/PC36B	17	985	29.4	21.2	14.10	11.80
	(C*(8,L)C/T*8V)*C16	FC/MC/PC36C	21	1020	29.6	21.6	14.20	12.00
	(C*(8,L)C/T*8V)*C20	FC/MC/PC36C	21	1055	29.6	21.6	14.30	12.00
	(C*9C/T*9V)*C16	FC/MC/PC36C	21	1005	29.6	21.6	14.20	12.00
	(C*9C/T*9V)*C20	FC/MC/PC36C	21	1045	29.6	21.4	14.10	11.90
	(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	14	980	29.8	21.4	13.80	11.60
	(C*(8,L)C/T*8V)*A12	HC30	14	1045	29.0	21.2	13.20	11.00
	(C*(8,L)C/T*8V)*B12	HC36	17	995	29.6	21.4	13.90	11.80
	(C*9C/T*9V)*B12	HC36	17	1045	29.6	21.8	13.50	11.50
	(C*(8,L)C/T*8V)*A12	HD36	14	1000	29.0	20.6	13.50	11.50
	(C*(8,L)C/T*8V)*B12	HD36	17	985	29.2	20.8	13.80	11.80
	(C*(8,L)C/T*8V)*C16	HD36	21	1020	29.2	20.8	13.90	11.90
	(C*(8,L)C/T*8V)*C20	HD36	21	1055	29.6	21.4	14.30	12.00
	(C*9C/T*9V)*B12	HD36	17	985	29.2	20.8	13.70	11.70
	(C*9C/T*9V)*C16	HD36	21	1005	29.2	20.8	13.90	11.90
	(C*9C/T*9V)*C20	HD36	21	1045	29.2	20.8	13.80	11.70
	(C*(8,L)C/T*8V)*A12	UC36A	14	1000	29.2	21.2	13.90	11.60
	(C*(8,L)C/T*8V)*B12	UC36B	17	985	29.4	21.2	14.20	11.80
	(C*9C/T*9V)*B12	UC36B	17	985	29.4	21.2	14.10	11.80
	(C*(8,L)C/T*8V)*C16	UC36C	21	1020	29.6	21.4	14.20	12.00
	(C*(8,L)C/T*8V)*C20	UC36C	21	1055	29.6	21.4	14.20	12.00
(C*9C/T*9V)*C16	UC36C	21	1000	29.6	21.4	14.20	12.00	
(C*9C/T*9V)*C20	UC36C	21	1045	29.4	21.4	14.00	11.80	

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COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

MODELS	FURNACE MODEL	COIL MODEL ¹	W	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
HC3B036F1(C)	T*(8,L)X*A12	FC/MC/PC36A	14	1185	33.6	24.6	13.00	10.90
	T*(8,L)X*B12	FC/MC/PC36B	17	1255	34.2	25.4	13.20	11.10
	T*(8,L)X*C16	FC/MC/PC36C	21	1100	33.8	24.4	13.00	11.50
	T*(8,L)X*C20	FC/MC/PC36C	21	1265	34.6	25.8	13.00	11.50
	T*9X*B12	FC/MC/PC36B	17	1245	34.2	25.2	13.30	11.20
	T*9X*C16	FC/MC/PC36C	21	1275	34.4	25.6	13.70	11.50
	T*9X*C20	FC/MC/PC36C	21	1195	33.8	24.8	13.40	11.30
	T*(8,L)X*A12	FC/MC/PC37A	14	1290	35.2	26.8	13.60	11.30
	T*(8,L)X*B12	FC/MC/PC43B	17	1300	35.2	26.8	13.40	11.40
	T*(8,L)X*C16	FC/MC/PC43C	21	1175	35.0	26.0	14.10	11.90
	T*(8,L)X*C20	FC/MC/PC43C	21	1250	35.4	27.0	14.20	12.00
	T*9X*B12	FC/MC/PC43B	17	1270	35.2	26.8	13.40	11.40
	T*9X*C16	FC/MC/PC43C	21	1260	35.2	27.0	13.60	11.50
	T*9X*C20	FC/MC/PC43C	21	1185	34.8	26.0	13.90	11.50
	T*(8,L)X*A12	UC36A	14	1225	34.0	25.0	13.00	10.90
	T*(8,L)X*B12	UC36B	17	1270	34.0	25.0	13.20	11.10
	T*(8,L)X*C16	UC36C	21	1180	34.4	25.4	13.70	11.60
	T*(8,L)X*C20	UC36C	21	1295	34.6	26.4	13.80	11.50
	T*9X*B12	UC36B	17	1245	34.0	25.0	13.30	11.20
	T*9X*C16	UC36C	21	1275	34.2	25.2	13.50	11.50
	T*9X*C20	UC36C	21	1195	34.2	25.2	13.40	11.30
	T*(8,L)X*A12	HD36	14	1270	34.0	25.4	13.20	11.10
	T*(8,L)X*B12	HD36	17	1270	34.0	25.4	13.20	11.10
	T*9X*B12	HD36	17	1270	34.0	25.4	13.20	11.10
	(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	17	1220	34.2	25.2	13.30	11.10
	(C*9C/T*9V)*B12	FC/MC/PC35B	17	1190	34.0	25.0	13.30	11.20
	(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	21	1235	34.6	25.8	13.90	11.60
	(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	21	1170	34.6	25.6	14.10	11.80
	(C*9C/T*9V)*C16	FC/MC/PC35C	21	1215	34.6	25.8	13.80	11.50
	(C*9C/T*9V)*C20	FC/MC/PC35C	21	1295	34.6	26.4	13.20	11.30
	(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	14	1190	33.4	24.4	13.00	10.90
	(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	17	1220	33.6	24.6	13.20	11.10
	(C*9C/T*9V)*B12	FC/MC/PC36B	17	1165	33.6	24.6	13.30	11.20
	(C*(8,L)C/T*8V)*C16	FC/MC/PC36C	21	1235	34.2	25.4	13.70	11.60
	(C*(8,L)C/T*8V)*C20	FC/MC/PC36C	21	1240	34.2	25.4	13.80	11.60
	(C*9C/T*9V)*C16	FC/MC/PC36C	21	1185	34.2	25.4	13.70	11.60
	(C*9C/T*9V)*C20	FC/MC/PC36C	21	1285	34.4	26.0	13.40	11.30
	(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	14	980	33.4	23.4	13.60	11.30
	(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	17	1210	34.6	25.8	13.40	11.40
	(C*9C/T*9V)*B12	FC/MC/PC43B	17	1200	34.6	25.8	13.40	11.40
	(C*(8,L)C/T*8V)*C16	FC/MC/PC43C	21	1205	35.0	26.0	14.10	11.90
	(C*(8,L)C/T*8V)*C20	FC/MC/PC43C	21	1190	35.0	26.0	14.20	12.00
	(C*9C/T*9V)*C16	FC/MC/PC43C	21	1240	34.8	25.8	13.60	11.50
	(C*9C/T*9V)*C20	FC/MC/PC43C	21	1200	35.0	26.0	13.90	11.80
	(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	21	1210	35.4	26.4	14.40	12.00
	(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	21	1155	35.4	26.6	14.60	12.20
	(C*9C/T*9V)*C16	FC/MC/PC48C	21	1195	35.2	26.4	14.20	11.90
	(C*9C/T*9V)*C20	FC/MC/PC48C	21	1330	35.6	27.4	13.90	11.70
	(C*(8,L)C/T*8V)*C16	HC42	21	1205	35.0	26.0	14.10	11.90
	(C*(8,L)C/T*8V)*C20	HC42	21	1190	35.0	26.2	14.30	12.00
(C*9C/T*9V)*C16	HC42	21	1240	34.8	26.0	13.60	11.50	
(C*9C/T*9V)*C20	HC42	21	1200	35.0	26.0	14.00	11.80	

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COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

MODELS	FURNACE MODEL	COIL MODEL ¹	W	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
HC3B036F1(C)	(C*(8,L)C/T*8V)*B12	HD48	17	1210	34.0	25.4	13.60	11.30
	(C*(8,L)C/T*8V)*C16	HD48	21	1210	34.2	25.6	14.10	11.70
	(C*(8,L)C/T*8V)*C20	HD48	21	1155	34.4	25.8	14.30	11.80
	(C*9C/T*9V)*B12	HD48	17	1150	34.0	25.4	13.50	11.20
	(C*9C/T*9V)*C16	HD48	21	1195	34.2	25.6	13.90	11.50
	(C*9C/T*9V)*C20	HD48	21	1315	35.2	27.0	13.90	11.60
	(C*(8,L)C/T*8V)*A12	UC36A	14	1190	33.6	24.6	13.00	10.90
	(C*(8,L)C/T*8V)*B12	UC36B	17	1220	33.6	24.6	13.20	11.10
	(C*9C/T*9V)*B12	UC36B	17	1165	33.8	24.6	13.30	11.20
	(C*(8,L)C/T*8V)*C16	UC36C	21	1235	34.2	25.2	13.70	11.60
	(C*(8,L)C/T*8V)*C20	UC36C	21	1240	34.2	25.4	13.80	11.70
	(C*9C/T*9V)*C16	UC36C	21	1185	34.2	25.2	13.70	11.60
	(C*9C/T*9V)*C20	UC36C	21	1275	34.2	26.0	13.40	11.30
	(C*(8,L)C/T*8V)*C16	UC48C	21	1210	34.8	26.4	14.40	11.90
	(C*(8,L)C/T*8V)*C20	UC48C	21	1155	35.0	26.4	14.60	12.00
	(C*9C/T*9V)*C16	UC48C	21	1195	34.8	26.2	14.20	11.70
(C*9C/T*9V)*C20	UC48C	21	1325	35.4	27.4	13.80	11.60	
HC3B042F1(C)	T*(8,L)X*C16	FC/MC/PC48C	21	1360	41.5	30.6	13.80	11.60
	T*(8,L)X*C20	FC/MC/PC48C	21	1475	41.5	31.6	13.90	11.70
	T*9X*C16	FC/MC/PC48C	21	1425	41.0	30.4	13.50	11.50
	T*9X*C20	FC/MC/PC48C	21	1420	41.5	30.6	13.50	11.40
	T*9X*D20	FC/MC/PC48D	24	1435	41.5	31.2	13.70	11.50
	T*(8,L)X*C16	UC48C	21	1400	42.0	31.4	13.80	11.50
	T*9X*C16	UC48C	21	1425	41.5	31.2	13.50	11.50
	T*9X*C20	UC48C	21	1420	41.5	31.2	13.50	11.30
	T*9X*D20	UC48D	24	1435	42.0	31.2	13.70	11.50
	T*(8,L)X*C16	HD48	21	1340	41.0	30.0	13.40	11.50
	T*(8,L)X*C20	HD48	21	1455	39.0	30.6	13.50	11.05
	T*9X*D20	HD48	24	1460	41.5	31.0	13.30	11.50
	(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	21	1435	41.5	31.2	13.80	11.60
	(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	21	1410	42.0	31.2	13.90	11.70
	(C*9C/T*9V)*C16	FC/MC/PC48C	21	1395	41.5	31.2	13.60	11.50
	(C*9C/T*9V)*C20	FC/MC/PC48C	21	1430	41.5	31.0	13.50	11.40
	(C*9C/T*9V)*D20	FC/MC/PC48D	24	1450	41.5	31.2	13.70	11.60
	(C*(8,L)C/T*8V)*B12	HD48	17	1350	40.5	29.4	13.20	11.20
	(C*(8,L)C/T*8V)*C16	HD48	21	1435	42.0	30.8	13.40	11.80
	(C*(8,L)C/T*8V)*C20	HD48	21	1410	42.0	30.8	13.50	11.90
	(C*9C/T*9V)*B12	HD48	17	1150	39.5	27.6	13.30	11.30
	(C*9C/T*9V)*C16	HD48	21	1395	40.5	30.0	13.30	11.20
	(C*9C/T*9V)*C20	HD48	21	1430	40.5	30.0	13.20	11.20
	(C*9C/T*9V)*D20	HD48	24	1450	42.0	30.8	13.30	11.70
	(C*(8,L)C/T*8V)*C16	UC48C	21	1435	41.5	31.2	13.80	11.50
	(C*(8,L)C/T*8V)*C20	UC48C	21	1410	41.5	31.2	13.90	11.60
	(C*9C/T*9V)*C16	UC48C	21	1395	41.0	31.0	13.60	11.40
	(C*9C/T*9V)*C20	UC48C	21	1430	41.0	31.0	13.50	11.30
(C*9C/T*9V)*D20	UC48D	24	1450	41.0	31.0	13.70	11.50	

For Notes See Page 12.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

MODELS	FURNACE MODEL	COIL MODEL ¹	W	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
HC3B048F1(C)	T*(8,L)X*C16	FC/PC60C	21	1605	46.5	34.6	13.50	11.50
	T*(8,L)X*C20	FC/PC60C	21	1605	46.5	34.6	13.50	11.50
	T*9X*C16	FC/PC60C	21	1575	46.0	34.6	13.25	11.35
	T*9X*C20	FC/PC60C	21	1625	46.0	34.8	13.40	11.40
	T*(8,L)X*C20	FC/MC/PC60D	21	1595	46.5	34.8	13.50	11.50
	T*9X*D20	FC/MC/PC60D	24	1490	46.5	34.0	13.40	11.50
	T*(8,L)X*C16	FC/MC62D	21	1610	47.0	35.6	13.40	11.50
	T*(8,L)X*C20	FC/MC62D	21	1665	47.0	35.6	13.40	11.50
	T*9X*C16	FC/MC62D	21	1550	47.0	35.4	13.40	11.50
	T*9X*C20	FC/MC62D	21	1595	47.0	35.6	13.40	11.50
	T*9X*D20	FC/MC62D	24	1610	47.0	35.4	13.40	11.50
	T*(8,L)X*C16	FC64D	21	1610	47.0	36.2	13.75	11.50
	T*(8,L)X*C20	FC64D	21	1665	47.5	36.2	13.75	11.55
	T*9X*C16	FC64D	21	1550	47.0	36.2	13.50	11.40
	T*9X*C20	FC64D	21	1595	47.5	36.2	13.40	11.25
	T*9X*C16	UC60C	21	1575	46.0	34.0	13.25	11.35
	T*9X*C20	UC60C	21	1625	46.0	34.2	13.40	11.40
	(C*(8,L)C/T*8V)*C16	FC/PC60C	21	1625	47.5	36.0	13.60	11.60
	(C*(8,L)C/T*8V)*C20	FC/PC60C	21	1605	47.5	36.2	13.90	11.80
	(C*9C/T*9V)*C16	FC/PC60C	21	1590	47.0	35.8	13.40	11.40
	(C*9C/T*9V)*C20	FC/PC60C	21	1655	47.0	35.8	13.40	11.40
	(C*9C/T*9V)*D20	FC/MC/PC60D	24	1615	47.0	35.8	13.40	11.50
	(C*9C/T*9V)*D20	FC/MC62D	24	1630	47.5	36.2	13.40	11.50
	(C*(8,L)C/T*8V)*C16	FC64D	21	1635	47.0	36.2	13.75	11.50
	(C*(8,L)C/T*8V)*C20	FC64D	21	1615	47.0	36.2	13.75	11.55
	(C*9C/T*9V)*C16	FC64D	21	1590	47.0	36.0	13.50	11.40
	(C*9C/T*9V)*C20	FC64D	21	1655	47.0	35.8	13.40	11.25
	(C*(8,L)C/T*8V)*C16	HD60	21	1625	47.0	35.6	13.50	11.50
	(C*(8,L)C/T*8V)*C20	HD60	21	1605	47.5	35.8	13.70	11.80
	(C*9C/T*9V)*C16	HD60	21	1590	47.0	35.4	13.20	11.40
	(C*9C/T*9V)*C20	HD60	21	1655	47.0	35.4	13.20	11.40
	(C*9C/T*9V)*D20	HD60	24	1615	47.0	35.6	13.40	11.50
(C*(8,L)C/T*8V)*C16	UC60C	21	1625	46.5	35.0	13.40	11.40	
(C*(8,L)C/T*8V)*C20	UC60C	21	1605	47.0	35.2	13.60	11.70	
(C*9C/T*9V)*C16	UC60C	21	1590	46.5	35.0	13.10	11.30	
(C*9C/T*9V)*C20	UC60C	21	1655	46.5	35.0	13.10	11.30	
(C*9C/T*9V)*D20	UC60D	24	1615	46.5	34.8	13.30	11.40	
HC3B060F2(C)	T*(8,L)X*C20	FC/MC62D	21	1665	56.0	41.0	13.50	11.50
	T*9X*C20	FC/MC62D	21	1510	55.0	38.5	13.20	11.10
	T*9X*D20	FC/MC62D	24	1515	55.0	38.5	13.30	11.20
	T*(8,L)X*C20	FC64D	21	1665	57.0	42.0	13.75	11.65
	T*9X*C20	FC64D	21	1595	56.5	41.0	13.50	11.30
	T*9X*D20	FC64D	24	1645	57.0	41.5	13.60	11.40
	(C*(8,L)C/T*8V)*C20	FC/MC62D	21	1615	56.0	40.5	13.60	11.50
	(C*9C/T*9V)*C20	FC/MC62D	21	1655	55.5	40.0	13.20	11.10
	(C*9C/T*9V)*D20	FC/MC62D	24	1630	55.5	40.0	13.30	11.20
	(C*(8,L)C/T*8V)*C20	FC64D	21	1615	56.5	41.5	13.75	11.65
	(C*9C/T*9V)*C20	FC64D	21	1655	56.5	41.5	13.50	11.30
	(C*9C/T*9V)*D20	FC64D	24	1630	56.5	41.0	13.60	11.40

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

2. Variable speed furnaces have B.O.D (Blower on Delay) standard.

HEATING PERFORMANCE - With Air Handler

UNIT MODEL*	AIR HANDLER	COIL ¹ MODEL	ARI HEATING ²						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
1 PH 13 SEER HP WITH MA									
HC3B018F1(C)	MA08B	FC/MC18B	18.0	3.28	1.61	11.6	2.32	1.46	8.00
HC3B024F31(C)	MA08B	FC/MC24B	24.0	3.44	2.04	14.2	2.38	1.75	8.00
	MA08B	FC/MC30B	24.0	3.44	2.04	14.2	2.38	1.75	8.00
HC3B030F1(C)	MA12B	FC/MC36B	30.0	3.44	2.56	18.3	2.28	2.35	8.00
HC3B036F1(C)	MA12B	FC/MC36B	36.0	3.36	3.14	24.4	2.32	3.08	8.00
HC3B042F1(C)	MA16C	FC/MC48C	42.0	3.66	3.36	28.4	2.54	3.28	8.00
	MA14D	FC/MC48D	42.0	3.66	3.36	28.4	2.54	3.28	8.00
HC3B048F1(C)	MA16C	FC60C	48.0	3.50	4.10	33.2	2.30	4.23	8.00
	MA20D	FC/MC60D	48.0	3.50	4.10	33.2	2.30	4.23	8.00
	MA20D	MC61D	48.0	3.50	4.10	33.2	2.30	4.23	8.00
HC3B060F2(C)	MA20D	FC/MC62D	57.0	3.54	4.77	37.0	2.44	4.49	8.55
1 PH 13 SEER HP WITH MV - VARIABLE SPEED									
HC3B018F1(C)	MV12B	FC/MC18B	18.0	3.46	1.52	11.1	2.46	1.32	8.35
HC3B024F31(C)	MV12B	FC/MC24B	23.4	3.44	1.99	14.2	2.38	1.75	8.30
	MV12B	FC/MC30B	23.4	3.44	1.99	14.2	2.38	1.75	8.30
HC3B030F1(C)	MV12B	FC/MC36B	29.4	3.44	2.50	18.3	2.28	2.35	8.20
	MV16C	FC/MC36C	29.4	3.44	2.50	18.3	2.28	2.35	8.20
HC3B036F1(C)	MV12B	FC/MC36B	36.0	3.36	3.14	24.4	2.32	3.08	8.30
HC3B042F1(C)	MV16C	FC/MC48C	42.0	3.66	3.36	28.4	2.54	3.28	8.60
	MV20D	FC/MC48D	42.0	3.66	3.36	28.4	2.54	3.28	8.60
HC3B048F1(C)	MV16C	FC/MC60C	48.0	3.50	4.02	33.2	2.30	4.23	8.10
	MV20D	FC/MC60D	48.0	3.50	4.02	33.2	2.30	4.23	8.10
	MV20D	MC61D	48.0	3.50	4.02	33.2	2.30	4.23	8.10
	MV20D	FC64D	48.0	3.80	3.70	32.4	2.46	3.86	8.25
HC3B060F2(C)	MV20D	FC/MC62D	56.0	3.56	4.65	37.0	2.48	4.37	8.65
	MV20D	FC64D	57.5	3.70	4.55	34.4	2.44	4.13	8.50
1 PH 13 SEER HP WITH AV / SV / F*FV - VARIABLE SPEED									
HC3B018F1(C)	AV*24	–	18.0	3.62	1.46	11.1	2.54	1.28	8.25
	AV*36	–	18.0	3.84	1.37	10.9	2.68	1.19	8.30
HC3B024F31(C)	AV*24	–	23.2	3.68	1.85	13.5	2.28	1.73	8.25
HC3B030F1(C)	AV*36	–	29.2	3.66	2.34	17.6	2.20	2.34	8.15
HC3B036F1(C)	AV*36	–	36.0	3.36	3.14	24.4	2.32	3.08	8.30
	AV/SV*48	–	36.0	3.36	3.14	24.4	2.32	3.08	8.30
HC3B042F1(C)	AV/SV*48	–	42.0	3.82	3.22	27.8	2.48	3.28	8.20
	AV/SV*60	–	42.0	3.82	3.22	27.8	2.48	3.28	8.20
HC3B048F1(C)	AV/SV*48	–	48.0	3.60	3.91	32.6	2.30	4.15	8.10
	AV/SV*60	–	48.0	3.62	3.91	32.6	2.32	4.12	8.10
	F*FV060	–	48.0	3.50	4.23	33.2	2.30	4.23	8.10
1 PH 13 SEER HP WITH AHP / SHP / AHX / F*FP									
HC3B018F1(C)	AHP18	–	18.0	3.28	1.61	11.6	2.32	1.46	8.00
	AHX18	–	18.0	3.56	1.48	11.1	2.48	1.31	8.20
	AHX24	–	18.0	3.58	1.47	11.0	2.52	1.28	8.25
	AHX30	–	18.0	3.70	1.43	10.9	2.60	1.23	8.20
	F*FP024	–	18.0	3.30	1.77	11.5	2.32	1.45	8.05
	F6FP018	–	18.0	3.46	1.52	11.2	2.44	1.35	8.10
	F6FP024	–	18.0	3.54	1.49	16.4	3.54	1.36	8.10
	F6FP030	–	18.0	3.64	1.45	11.0	2.56	1.26	8.20

For Notes See Page 14.

HEATING PERFORMANCE - With Air Handler (Continued)

UNIT MODEL*	AIR HANDLER	COIL ¹ MODEL	ARI HEATING ²						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
1 PH 13 SEER HP WITH AHP / SHP / AHX / F*FP (Continued)									
HC3B024F31(C)	AHP24	—	24.0	3.44	2.04	14.2	2.38	1.75	8.00
	AHX24	—	24.0	3.76	1.87	13.7	2.52	1.59	8.20
	AHX30	—	23.6	3.80	1.82	13.7	2.58	1.56	8.10
	AHX36	—	24.0	4.10	1.72	13.5	2.70	1.47	8.50
	F*FP030	—	23.8	3.44	2.03	14.2	2.38	1.75	8.00
	F6FP024	—	24.0	3.76	1.87	13.9	2.50	1.63	8.20
	F6FP030	—	24.0	3.72	1.89	14.0	2.48	1.65	8.20
	F6FP036	—	23.6	3.80	1.82	13.8	2.58	1.57	8.10
HC3B030F1(C)	AHP30	—	30.0	3.44	2.56	18.3	2.28	2.35	8.00
	AHP36	—	30.0	3.44	2.56	18.3	2.28	2.35	8.00
	AHX30	—	29.6	3.60	2.41	17.8	2.38	2.19	8.00
	AHX36	—	29.4	3.78	2.28	17.6	2.48	2.08	8.20
	AHX42	—	29.4	3.80	2.27	17.3	2.50	2.03	8.20
	AHX48	—	29.6	3.90	2.22	17.4	2.52	2.02	8.20
	F*FP036	—	29.6	3.44	2.52	18.3	2.28	2.35	8.00
	F6FP030	—	29.8	3.52	2.48	18.0	2.34	2.25	8.00
		F6FP036	—	29.2	3.58	2.39	17.7	2.38	2.18
	F6FP042	—	29.6	3.84	2.26	17.7	2.52	2.06	8.20
HC3B036F1(C)	AHP36	—	36.0	3.36	3.14	24.4	2.32	3.08	8.00
	AHP42	—	36.0	3.36	3.14	24.4	2.32	3.08	8.00
	AHX36	—	35.2	3.56	2.90	23.8	2.44	2.86	8.10
	AHX42	—	35.0	3.58	2.87	23.6	2.48	2.79	8.10
	AHX48	—	35.4	3.64	2.85	23.6	2.48	2.79	8.10
	F*FP036	—	36.0	3.36	3.23	24.4	2.32	3.08	8.00
	F*FP042	—	36.0	3.36	3.23	24.4	2.32	3.08	8.00
	F6FP036	—	35.2	3.34	3.09	24.0	2.32	3.03	8.00
		F6FP042	—	35.6	3.62	2.88	23.8	2.48	2.81
	F6FP048	—	35.4	3.68	2.82	23.4	2.52	2.72	8.20
	F6FP060	—	35.4	3.62	2.87	23.0	2.44	2.76	8.10
HC3B042F1(C)	AHP/SHP48	—	42.0	3.66	3.36	28.4	2.54	3.28	8.00
	AHX42	—	41.0	3.86	3.11	27.4	2.66	3.02	8.10
	AHX48	—	41.5	3.90	3.12	27.6	2.66	3.04	8.10
	AHX60	—	41.5	3.94	3.09	27.2	2.66	3.00	8.10
	F6FP042	—	41.5	3.86	3.15	27.8	2.64	3.09	8.00
		F6FP048	—	41.5	3.98	3.06	27.4	2.72	2.95
	F6FP060	—	41.5	3.92	3.10	27.2	2.64	3.02	8.10
HC3B048F1(C)	AHP/SHP48	—	48.0	3.50	4.10	33.2	2.30	4.23	8.00
	AHP/SHP60	—	48.0	3.50	4.10	33.2	2.30	4.23	8.00
	AHX48	—	47.0	3.54	3.89	33.0	2.34	4.13	8.00
	AHX60	—	47.5	3.56	3.91	32.6	2.32	4.12	8.00
	F6FP048	—	47.5	3.64	3.82	32.6	2.40	3.98	8.00
	F6FP060	—	47.5	3.56	3.91	32.6	2.32	4.12	8.00
HC3B060F2(C)	AHX60	—	57.0	3.60	4.64	34.6	2.38	4.26	7.90
	F6FP060	—	57.0	3.58	4.67	34.0	2.40	4.15	8.00

1. Rated CFM same as for cooling.

2. Heating MBH based on ARI standards of 70° DB entering indoor air, 72% RH outdoor air with 25 feet of interconnecting piping and no supplemental electric heat operation.

CP equals MBH output divided by (total KW input x 3.412).

HSPF (Heating Seasonal Performance Factor) is the total heating output during a normal annual usage period for heating divided by the total electric power input during the same period.

— = Not Applicable.

HEATING PERFORMANCE - Upflow Furnace Coils

UNIT MODEL*	COIL ¹ MODEL	ARI HEATING ²						
		47°F			17°F			HSPF
		MBH	COP	KW	MBH	COP	KW	STD
HC3B018F1(C)	FC/MC/PC/UC18	18.0	3.28	1.61	11.6	2.32	1.46	8.00
	HC24	18.0	3.28	1.61	11.6	2.32	1.46	8.00
	HD24	18.0	3.28	1.61	11.6	2.32	1.46	8.00
HC3B024F31(C)	FC/MC/PC/UC24	24.0	3.44	2.04	14.2	2.38	1.75	8.00
	FC/MC/PC/UC30	24.0	3.44	2.04	14.2	2.38	1.75	8.00
	HC30	24.0	3.44	2.04	14.2	2.38	1.75	8.00
HC3B030F1(C)	HD24	24.0	3.44	2.04	14.2	2.38	1.75	8.00
	FC/MC/PC/UC36	30.0	3.44	2.56	18.3	2.28	2.35	8.00
	HC36	30.0	3.44	2.56	18.3	2.28	2.35	8.00
HC3B036F1(C)	HD36	30.0	3.44	2.56	18.3	2.28	2.35	8.00
	FC/MC/PC/UC36	36.0	3.36	3.14	24.4	2.32	3.08	8.00
	HC36	36.0	3.36	3.14	24.4	2.32	3.08	8.00
HC3B042F1(C)	HD36	36.0	3.36	3.14	24.4	2.32	3.08	8.00
	FC/MC/PC/UC48	42.0	3.66	3.36	28.4	2.54	3.28	8.00
	HC48	42.0	3.66	3.36	28.4	2.54	3.28	8.00
HC3B048F1(C)	HD48	42.0	3.66	3.36	28.4	2.54	3.28	8.00
	FC/MC/PC/UC60	48.0	3.50	4.10	33.2	2.30	4.23	8.00
	FC64D	48.0	3.64	3.86	33.0	2.36	4.10	8.10
HC3B048F1(C)	HC60	48.0	3.50	4.10	33.2	2.30	4.23	8.00
	HD60	48.0	3.50	4.10	33.2	2.30	4.23	8.00
	MC61	48.0	3.50	4.10	33.2	2.30	4.23	8.00
HC3B060F2(C)	FC/MC62D	57.0	3.54	4.77	37.0	2.44	4.49	8.55
	FC64D	58.0	3.64	4.67	34.8	2.42	4.21	8.05

1. Rated CFM same as for cooling.

2. Heating MBH based on ARI standards of 70° DB entering indoor air, 72% RH outdoor air with 25 feet of interconnecting piping and no supplemental electric heat operation.

CP equals MBH output divided by (total KW input x 3.412).

HSPF (Heating Seasonal Performance Factor) is the total heating output during a normal annual usage period for heating divided by the total electric power input during the same period.

— = Not Applicable.

HEATING CAPACITY - With High Efficiency Motor Furnaces

MODELS	FURNACE MODEL	COIL ¹ MODEL	ARI HEATING ²						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
13 SEER HP WITH VARIABLE SPEED FURNACES³									
HC3B018F1(C)	T*(8,L)X*A12	FC/MC/PC18A	18.0	3.38	1.56	11.3	2.38	1.39	8.20
	T*(8,L)X*B12	FC/MC/PC18B	18.0	3.48	1.52	11.1	2.44	1.33	8.20
	T*9X*B12	FC/MC/PC18B	18.0	3.50	1.51	11.1	2.46	1.32	8.20
	T*(8,L)X*A12	FC/MC/PC24A	18.0	3.70	1.43	11.0	2.60	1.24	8.20
	T*(8,L)X*B12	FC/MC/PC24B	18.0	3.70	1.43	11.0	2.60	1.24	8.20
	T*9X*B12	FC/MC/PC24B	18.0	3.68	1.43	11.0	2.60	1.24	8.20
	T*(8,L)X*A12	FC/MC/PC32A	18.0	3.68	1.43	10.9	2.58	1.24	8.20
	T*(8,L)X*A12	UC18A	18.0	3.58	1.47	11.0	2.50	1.29	8.20
	T*(8,L)X*B12	UC18B	18.0	3.58	1.47	11.0	2.50	1.29	8.20
	T*9X*B12	UC18B	18.0	3.58	1.47	11.0	2.50	1.29	8.20
	T*(8,L)X*A12	UC24A	18.0	3.68	1.43	10.9	2.60	1.23	8.20
	T*(8,L)X*B12	UC24B	18.0	3.68	1.43	10.9	2.60	1.23	8.20
	T*9X*B12	UC24B	18.0	3.76	1.40	10.9	2.64	1.21	8.20
	T*(8,L)X*A12	HD24	18.0	3.44	1.53	10.7	2.40	1.31	8.20
	T*(8,L)X*B12	HD24	18.0	3.58	1.47	10.7	2.46	1.27	8.20

For Notes See Page 20.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

MODELS	FURNACE MODEL	COIL ¹ MODEL	ARI HEATING ²						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
HC3B018F1(C)	T*9X*B12	HD24	18.0	3.44	1.53	10.7	2.40	1.31	8.20
	(C*(8,L)C/T*8V)*A12	FC/MC/PC18A	19.5	3.52	1.62	11.2	2.44	1.35	8.30
	(C*(8,L)C/T*8V)*B12	FC/MC/PC18B	19.5	3.46	1.65	11.2	2.44	1.35	8.30
	(C*9C/T*9V)*B12	FC/MC/PC18B	19.5	3.52	1.62	11.2	2.44	1.35	8.30
	(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	19.6	3.70	1.55	10.9	2.64	1.21	8.30
	(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	19.5	3.64	1.57	10.8	2.62	1.21	8.40
	(C*9C/T*9V)*B12	FC/MC/PC24B	19.6	3.72	1.54	10.8	2.66	1.19	8.30
	(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	19.6	3.70	1.55	10.9	2.64	1.21	8.30
	(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	19.5	3.64	1.57	10.8	2.62	1.21	8.40
	(C*9C/T*9V)*B12	FC/MC/PC30B	19.6	3.72	1.54	10.8	2.66	1.19	8.30
	(C*(8,L)C/T*8V)*A12	HC18	19.5	3.52	1.62	11.2	2.44	1.35	8.30
	(C*(8,L)C/T*8V)*A12	HD24	19.5	3.48	1.64	10.7	2.44	1.29	8.30
	(C*(8,L)C/T*8V)*B12	HD24	19.4	3.36	1.69	10.7	2.38	1.32	8.30
	(C*9C/T*9V)*B12	HD24	19.5	3.50	1.63	10.7	2.44	1.29	8.30
	(C*(8,L)C/T*8V)*A12	UC18A	19.6	3.58	1.60	11.0	2.54	1.27	8.30
	(C*(8,L)C/T*8V)*B12	UC18B	19.5	3.52	1.62	11.0	2.50	1.29	8.30
	(C*9C/T*9V)*B12	UC18B	19.5	3.58	1.60	11.0	2.54	1.27	8.30
	(C*(8,L)C/T*8V)*A12	UC24A	19.6	3.74	1.54	10.9	2.66	1.20	8.30
	(C*(8,L)C/T*8V)*B12	UC24B	19.5	3.66	1.56	10.8	2.64	1.20	8.30
	(C*9C/T*9V)*B12	UC24B	19.6	3.76	1.53	10.8	2.68	1.18	8.30
(C*(8,L)C/T*8V)*A12	UC30A	19.6	3.74	1.54	10.9	2.66	1.20	8.30	
(C*(8,L)C/T*8V)*B12	UC30B	19.5	3.66	1.56	10.8	2.64	1.20	8.30	
(C*9C/T*9V)*B12	UC30B	19.6	3.76	1.53	10.8	2.68	1.18	8.30	
HC3B024F31(C)	T*(8,L)X*A12	FC/MC/PC24A	24.0	3.82	1.84	13.7	2.58	1.56	8.20
	T*(8,L)X*B12	FC/MC/PC24B	24.0	3.96	1.78	13.6	2.62	1.52	8.20
	T*9X*B12	FC/MC/PC24B	24.0	3.82	1.84	13.6	2.58	1.54	8.20
	T*(8,L)X*A12	FC/MC/PC32A	24.0	3.90	1.80	13.6	2.60	1.53	8.20
	T*(8,L)X*B12	FC/MC/PC35B	23.4	3.90	1.76	13.6	2.64	1.51	8.20
	T*(8,L)X*C20	FC/MC/PC35C	23.4	3.92	1.75	13.7	2.64	1.52	8.20
	T*9X*B12	FC/MC/PC35B	24.0	3.90	1.80	13.6	2.60	1.53	8.20
	T*9X*C16	FC/MC/PC35C	23.2	3.70	1.84	13.6	2.56	1.56	8.20
	T*9X*C20	FC/MC/PC35C	24.0	3.88	1.81	13.7	2.60	1.54	8.20
	T*(8,L)X*A12	FC/MC/PC36A	23.4	3.86	1.78	13.6	2.64	1.51	8.20
	T*(8,L)X*B12	FC/MC/PC36B	23.4	3.88	1.77	13.6	2.64	1.51	8.20
	T*9X*B12	FC/MC/PC36B	23.4	3.86	1.78	13.6	2.64	1.51	8.20
	T*9X*C16	FC/MC/PC36C	24.0	3.92	1.79	13.6	2.64	1.51	8.20
	T*9X*C20	FC/MC/PC36C	23.4	3.84	1.79	13.7	2.62	1.53	8.20
	T*(8,L)X*A12	UC24A	24.0	3.88	1.81	13.6	2.60	1.53	8.20
	T*(8,L)X*B12	UC24B	24.0	3.88	1.81	13.6	2.60	1.53	8.20
	T*9X*B12	UC24B	24.0	3.88	1.81	13.6	2.60	1.53	8.20
	T*(8,L)X*A12	UC36A	23.2	3.68	1.85	13.3	2.44	1.60	8.10
	T*(8,L)X*B12	UC36B	23.2	3.76	1.81	13.2	2.48	1.56	8.20
	T*9X*B12	UC36B	23.2	3.68	1.85	13.3	2.44	1.60	8.10
	T*9X*C16	UC36C	23.2	3.72	1.83	13.2	2.46	1.57	8.20
	T*9X*C20	UC36C	23.4	3.66	1.87	13.3	2.42	1.61	8.10
	T*(8,L)X*A12	HD36	23.6	3.08	2.25	14.4	1.74	2.43	8.20
	T*(8,L)X*B12	HD36	22.8	3.06	2.18	14.9	1.76	2.48	8.00
	T*9X*B12	HD36	23.6	3.08	2.25	13.7	1.92	2.09	8.20
	(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	23.6	3.72	1.86	14.2	2.58	1.61	8.20
	(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	23.4	3.76	1.82	14.2	2.60	1.60	8.30
	(C*9C/T*9V)*B12	FC/MC/PC24B	23.6	3.72	1.86	14.2	2.58	1.61	8.20
(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	23.6	3.72	1.86	14.2	2.58	1.61	8.20	

For Notes See Page 20.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

MODELS	FURNACE MODEL	COIL ¹ MODEL	ARI HEATING ²						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
HC3B024F31(C)	(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	23.4	3.76	1.82	14.2	2.60	1.60	8.30
	(C*9C/T*9V)*B12	FC/MC/PC30B	23.6	3.72	1.86	14.2	2.58	1.61	8.20
	(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	23.6	3.68	1.88	14.2	2.56	1.63	8.20
	(C*(8,L)C/T*8V)*A12	HC30	23.6	3.58	1.93	14.3	2.48	1.69	8.20
	(C*(8,L)C/T*8V)*A12	HD24	23.6	3.58	1.93	14.0	2.46	1.67	8.30
	(C*(8,L)C/T*8V)*B12	HD24	23.4	3.62	1.89	14.0	2.48	1.65	8.30
	(C*9C/T*9V)*B12	HD24	23.6	3.58	1.93	14.0	2.46	1.67	8.30
	(C*(8,L)C/T*8V)*A12	UC24A	23.6	3.76	1.84	14.1	2.60	1.59	8.20
	(C*(8,L)C/T*8V)*B12	UC24B	23.4	3.80	1.80	14.1	2.62	1.58	8.30
	(C*9C/T*9V)*B12	UC24B	23.6	3.76	1.84	14.1	2.60	1.59	8.20
	(C*(8,L)C/T*8V)*A12	UC30A	23.6	3.76	1.84	14.1	2.60	1.59	8.20
	(C*(8,L)C/T*8V)*B12	UC30B	23.4	3.80	1.80	14.1	2.62	1.58	8.30
(C*9C/T*9V)*B12	UC30B	23.6	3.76	1.84	14.1	2.60	1.59	8.20	
HC3B030F1(C)	T*(8,L)X*A12	FC/MC/PC32A	29.6	3.54	2.45	17.9	2.34	2.24	8.00
	T*(8,L)X*B12	FC/MC/PC35B	29.6	3.70	2.34	17.8	2.42	2.16	8.10
	T*(8,L)X*C16	FC/MC/PC35C	29.6	3.72	2.33	17.7	2.44	2.13	8.10
	T*9X*B12	FC/MC/PC35B	29.6	3.66	2.37	17.8	2.42	2.16	8.10
	T*9X*C16	FC/MC/PC35C	29.6	3.68	2.36	17.7	2.42	2.14	8.10
	T*(8,L)X*A12	FC/MC/PC36A	29.6	3.58	2.42	17.9	2.38	2.20	8.00
	T*(8,L)X*B12	FC/MC/PC36B	29.6	3.68	2.36	17.9	2.42	2.17	8.10
	T*(8,L)X*C16	FC/MC/PC36C	29.6	3.72	2.33	17.8	2.44	2.14	8.10
	T*9X*B12	FC/MC/PC36B	29.6	3.66	2.37	17.9	2.40	2.19	8.10
	T*9X*C16	FC/MC/PC36C	29.6	3.70	2.34	17.8	2.42	2.16	8.10
	T*(8,L)X*A12	FC/MC/PC37A	29.8	3.80	2.30	17.7	2.46	2.11	8.20
	T*(8,L)X*A12	UC36A	29.6	3.60	2.41	17.9	2.38	2.20	8.00
	T*(8,L)X*B12	UC36B	29.6	3.62	2.40	17.5	2.32	2.21	8.00
	T*(8,L)X*C20	UC36C	29.0	3.60	2.36	16.0	2.18	2.15	8.10
	T*9X*B12	UC36B	29.6	3.62	2.40	17.9	2.38	2.20	8.00
	T*9X*C16	UC36C	29.4	3.64	2.37	17.8	2.40	2.17	8.10
	T*(8,L)X*A12	HD36	30.0	3.36	2.62	17.0	2.04	2.44	7.80
	T*(8,L)X*B12	HD36	30.0	3.36	2.62	17.0	2.04	2.44	7.90
	T*(8,L)X*C16	HD36	30.0	3.38	2.60	16.9	2.06	2.40	7.90
	T*9X*B12	HD36	30.0	3.36	2.62	17.0	2.04	2.44	7.90
	(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	30.0	3.50	2.51	18.5	2.30	2.36	8.10
	(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	29.6	3.62	2.40	18.2	2.38	2.24	8.20
	(C*9C/T*9V)*B12	FC/MC/PC35B	29.8	3.56	2.45	18.4	2.34	2.30	8.10
	(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	29.4	3.64	2.37	17.6	2.40	2.15	8.20
	(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	29.6	3.66	2.37	17.9	2.40	2.19	8.20
	(C*9C/T*9V)*C16	FC/MC/PC35C	29.4	3.64	2.37	17.6	2.40	2.15	8.20
	(C*9C/T*9V)*C20	FC/MC/PC35C	29.4	3.64	2.37	17.6	2.40	2.15	8.20
	(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	29.6	3.58	2.42	17.8	2.36	2.21	8.20
	(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	29.4	3.62	2.38	17.7	2.40	2.16	8.20
	(C*9C/T*9V)*B12	FC/MC/PC36B	29.6	3.62	2.40	17.7	2.40	2.16	8.20
	(C*(8,L)C/T*8V)*C16	FC/MC/PC36C	29.4	3.66	2.35	18.0	2.42	2.18	8.20
	(C*(8,L)C/T*8V)*C20	FC/MC/PC36C	29.4	3.66	2.35	18.0	2.42	2.18	8.20
	(C*9C/T*9V)*C16	FC/MC/PC36C	29.4	3.66	2.35	18.0	2.42	2.18	8.20
	(C*9C/T*9V)*C20	FC/MC/PC36C	29.6	3.64	2.38	18.1	2.40	2.21	8.20
	(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	29.8	3.60	2.43	18.1	2.38	2.23	8.20
	(C*(8,L)C/T*8V)*A12	HC30	29.8	3.42	2.55	18.6	2.26	2.41	8.00
(C*(8,L)C/T*8V)*B12	HC36	29.6	3.58	2.42	17.9	2.36	2.22	8.20	
(C*9C/T*9V)*B12	HC36	29.8	3.56	2.45	18.4	2.34	2.30	8.10	
(C*(8,L)C/T*8V)*A12	HD36	28.8	3.04	2.78	18.0	1.94	2.72	7.80	

For Notes See Page 20.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

MODELS	FURNACE MODEL	COIL ¹ MODEL	ARI HEATING ²						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
HC3B030F1(C)	(C*(8,L)C/T*8V)*B12	HD36	28.6	3.06	2.74	17.9	1.96	2.68	7.90
	(C*(8,L)C/T*8V)*C16	HD36	28.6	3.08	2.72	17.8	1.96	2.66	7.90
	(C*(8,L)C/T*8V)*C20	HD36	30.4	3.32	2.68	17.1	2.06	2.43	8.60
	(C*9C/T*9V)*B12	HD36	28.6	3.06	2.74	17.9	1.94	2.70	7.90
	(C*9C/T*9V)*C16	HD36	28.6	3.08	2.72	17.8	1.96	2.66	7.90
	(C*9C/T*9V)*C20	HD36	28.6	3.06	2.74	17.9	1.94	2.70	7.90
	(C*(8,L)C/T*8V)*A12	UC36A	29.4	3.50	2.46	16.8	2.12	2.32	8.10
	(C*(8,L)C/T*8V)*B12	UC36B	29.4	3.54	2.43	16.7	2.16	2.27	8.20
	(C*9C/T*9V)*B12	UC36B	29.4	3.54	2.43	16.7	2.14	2.29	8.10
	(C*(8,L)C/T*8V)*C16	UC36C	29.4	3.58	2.41	17.3	2.30	2.20	8.20
	(C*(8,L)C/T*8V)*C20	UC36C	29.2	3.58	2.39	17.3	2.30	2.20	8.20
	(C*9C/T*9V)*C16	UC36C	29.4	3.58	2.41	17.3	2.30	2.20	8.20
	(C*9C/T*9V)*C20	UC36C	29.4	3.56	2.42	17.3	2.28	2.22	8.20
HC3B036F1(C)	T*9X*C20	FC/MC/PC43C	35.2	3.52	2.93	23.8	2.42	2.88	8.00
	T*(8,L)X*A12	UC36A	35.2	3.30	3.13	23.8	2.28	3.06	7.90
	T*(8,L)X*B12	UC36B	35.2	3.32	3.11	23.8	2.28	3.06	7.90
	T*(8,L)X*C16	UC36C	34.8	3.42	2.98	23.4	2.34	2.93	8.00
	T*(8,L)X*C20	UC36C	35.0	3.46	2.96	23.6	2.36	2.93	8.00
	T*9X*B12	UC36B	35.2	3.32	3.11	23.8	2.28	3.06	7.90
	T*9X*C16	UC36C	35.0	3.34	3.07	23.8	2.30	3.03	8.00
	T*9X*C20	UC36C	35.0	3.38	3.03	23.6	2.32	2.98	8.00
	T*(8,L)X*A12	HD36	34.6	3.04	3.34	23.2	2.04	3.33	7.80
	T*(8,L)X*B12	HD36	34.6	3.04	3.34	23.2	2.04	3.33	7.80
	T*9X*B12	HD36	34.6	3.04	3.34	23.2	2.04	3.33	7.80
	(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	35.6	3.30	3.16	24.6	2.32	3.11	8.00
	(C*9C/T*9V)*B12	FC/MC/PC35B	35.4	3.30	3.14	24.0	2.30	3.06	8.00
	(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	35.4	3.40	3.05	24.2	2.38	2.98	8.10
	(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	35.2	3.42	3.02	24.2	2.40	2.96	8.10
	(C*9C/T*9V)*C16	FC/MC/PC35C	35.4	3.38	3.07	24.4	2.36	3.03	8.10
	(C*9C/T*9V)*C20	FC/MC/PC35C	35.8	3.38	3.10	23.8	2.30	3.03	8.10
	(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	35.6	3.28	3.18	24.6	2.32	3.11	8.00
	(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	35.4	3.32	3.13	24.4	2.34	3.06	8.00
	(C*9C/T*9V)*B12	FC/MC/PC36B	35.4	3.34	3.11	24.4	2.36	3.03	8.00
	(C*(8,L)C/T*8V)*C16	FC/MC/PC36C	35.2	3.40	3.03	24.4	2.38	3.00	8.10
	(C*(8,L)C/T*8V)*C20	FC/MC/PC36C	35.2	3.42	3.02	24.4	2.40	2.98	8.10
	(C*9C/T*9V)*C16	FC/MC/PC36C	35.2	3.42	3.02	24.4	2.40	2.98	8.10
	(C*9C/T*9V)*C20	FC/MC/PC36C	35.6	3.42	3.05	23.6	2.32	2.98	8.10
	(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	35.0	3.26	3.15	24.2	2.34	3.03	8.00
	(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	35.8	3.42	3.07	24.2	2.36	3.01	8.10
	(C*9C/T*9V)*B12	FC/MC/PC43B	35.8	3.42	3.07	24.2	2.36	3.01	8.10
	(C*(8,L)C/T*8V)*C16	FC/MC/PC43C	35.4	3.52	2.95	23.8	2.42	2.88	8.20
	(C*(8,L)C/T*8V)*C20	FC/MC/PC43C	35.4	3.52	2.95	23.8	2.42	2.88	8.20
	(C*9C/T*9V)*C16	FC/MC/PC43C	35.6	3.46	3.02	24.0	2.38	2.96	8.10
	(C*9C/T*9V)*C20	FC/MC/PC43C	35.4	3.50	2.96	24.0	2.42	2.91	8.20
	(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	35.4	3.54	2.93	23.8	2.44	2.86	8.20
	(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	35.4	3.58	2.90	23.8	2.46	2.84	8.20
	(C*9C/T*9V)*C16	FC/MC/PC48C	35.6	3.52	2.96	24.0	2.42	2.91	8.20
	(C*9C/T*9V)*C20	FC/MC/PC48C	36.0	3.54	2.98	24.2	2.42	2.93	8.20
	(C*(8,L)C/T*8V)*C16	HC42	35.4	3.50	2.96	23.8	2.42	2.88	8.20
(C*(8,L)C/T*8V)*C20	HC42	35.4	3.54	2.93	23.8	2.44	2.86	8.20	
(C*9C/T*9V)*C16	HC42	35.6	3.46	3.02	24.0	2.38	2.96	8.10	
(C*9C/T*9V)*C20	HC42	35.4	3.50	2.96	24.0	2.42	2.91	8.20	

For Notes See Page 20.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

MODELS	FURNACE MODEL	COIL ¹ MODEL	ARI HEATING ²						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	
HC3B036F1(C)	(C*(8,L)C/T*8V)*B12	HD48	34.8	3.10	3.29	23.8	2.10	3.32	7.90
	(C*(8,L)C/T*8V)*C16	HD48	34.6	3.16	3.21	23.4	2.14	3.20	8.00
	(C*(8,L)C/T*8V)*C20	HD48	34.6	3.18	3.19	23.4	2.14	3.20	8.00
	(C*9C/T*9V)*B12	HD48	35.0	3.10	3.31	23.8	2.10	3.32	7.90
	(C*9C/T*9V)*C16	HD48	34.8	3.14	3.25	23.6	2.12	3.26	7.90
	(C*9C/T*9V)*C20	HD48	35.2	3.20	3.22	24.2	2.18	3.25	7.90
	(C*(8,L)C/T*8V)*A12	UC36A	35.4	3.24	3.20	24.8	2.24	3.24	8.00
	(C*(8,L)C/T*8V)*B12	UC36B	35.2	3.26	3.16	24.6	2.26	3.19	8.00
	(C*9C/T*9V)*B12	UC36B	35.2	3.28	3.15	24.6	2.28	3.16	8.00
	(C*(8,L)C/T*8V)*C16	UC36C	35.2	3.34	3.09	23.8	2.32	3.01	8.10
	(C*(8,L)C/T*8V)*C20	UC36C	35.0	3.36	3.05	23.8	2.32	3.01	8.10
	(C*9C/T*9V)*C16	UC36C	35.2	3.36	3.07	23.8	2.32	3.01	8.10
	(C*9C/T*9V)*C20	UC36C	35.6	3.34	3.12	23.8	2.26	3.09	8.00
	(C*(8,L)C/T*8V)*C16	UC48C	35.6	3.66	2.85	24.0	2.52	2.79	8.30
	(C*(8,L)C/T*8V)*C20	UC48C	35.6	3.68	2.84	23.8	2.54	2.75	8.30
	(C*9C/T*9V)*C16	UC48C	35.8	3.62	2.90	24.0	2.50	2.81	8.20
(C*9C/T*9V)*C20	UC48C	36.2	3.64	2.91	24.4	2.48	2.88	8.20	
HC3B042F1(C)	T*(8,L)X*C16	FC/MC/PC48C	41.0	3.82	3.15	27.6	2.66	3.04	8.10
	T*(8,L)X*C20	FC/MC/PC48C	41.5	3.88	3.13	27.8	2.68	3.04	8.10
	T*9X*C16	FC/MC/PC48C	41.5	3.76	3.23	28.0	2.60	3.16	8.00
	T*9X*C20	FC/MC/PC48C	41.0	3.78	3.18	27.8	2.62	3.11	8.00
	T*9X*D20	FC/MC/PC48D	41.5	3.86	3.15	27.6	2.66	3.04	8.10
	T*(8,L)X*C16	UC48C	41.5	4.00	3.04	27.6	2.74	2.95	8.10
	T*9X*C16	UC48C	41.5	3.90	3.12	27.8	2.68	3.04	8.10
	T*9X*C20	UC48C	41.5	3.94	3.09	27.8	2.70	3.02	8.10
	T*9X*D20	UC48D	41.5	3.96	3.07	27.6	2.72	2.97	8.10
	T*(8,L)X*C16	HD48	40.5	3.46	3.43	26.8	2.38	3.30	7.90
	T*(8,L)X*C20	HD48	41.0	3.58	3.36	26.8	2.44	3.22	7.90
	T*9X*D20	HD48	40.5	3.56	3.33	26.8	2.42	3.25	7.90
	(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	41.5	3.80	3.20	28.0	2.62	3.13	8.10
	(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	41.5	3.82	3.18	27.8	2.64	3.09	8.20
	(C*9C/T*9V)*C16	FC/MC/PC48C	41.5	3.78	3.22	28.0	2.60	3.16	8.10
	(C*9C/T*9V)*C20	FC/MC/PC48C	42.0	3.76	3.27	28.2	2.60	3.18	8.10
	(C*9C/T*9V)*D20	FC/MC/PC48D	41.5	3.78	3.22	28.0	2.62	3.13	8.10
	(C*(8,L)C/T*8V)*B12	HD48	41.0	3.32	3.62	27.2	2.30	3.47	7.80
	(C*(8,L)C/T*8V)*C16	HD48	41.0	3.46	3.47	27.0	2.36	3.35	7.90
	(C*(8,L)C/T*8V)*C20	HD48	40.5	3.48	3.41	26.8	2.36	3.33	7.90
	(C*9C/T*9V)*B12	HD48	40.0	3.16	3.71	27.0	2.24	3.53	7.80
	(C*9C/T*9V)*C16	HD48	41.0	3.40	3.53	27.6	2.32	3.49	7.90
	(C*9C/T*9V)*C20	HD48	41.0	3.38	3.56	27.6	2.32	3.49	7.90
	(C*9C/T*9V)*D20	HD48	41.0	3.44	3.49	27.0	2.34	3.38	7.90
	(C*(8,L)C/T*8V)*C16	UC48C	42.0	3.90	3.16	28.0	2.68	3.06	8.20
	(C*(8,L)C/T*8V)*C20	UC48C	42.0	3.94	3.12	28.0	2.70	3.04	8.20
	(C*9C/T*9V)*C16	UC48C	42.0	3.88	3.17	28.2	2.66	3.11	8.20
	(C*9C/T*9V)*C20	UC48C	42.0	3.86	3.19	28.2	2.64	3.13	8.20
(C*9C/T*9V)*D20	UC48D	42.0	3.90	3.16	28.0	2.66	3.09	8.20	
HC3B048F1(C)	T*(8,L)X*C16	FC/PC60C	47.0	3.46	3.98	32.8	2.28	4.22	7.90
	T*(8,L)X*C20	FC/PC60C	47.0	3.46	3.98	32.8	2.28	4.22	7.90
	T*(8,L)X*C20	FC/MC/PC60D	47.0	3.48	3.96	32.8	2.30	4.18	7.90
	T*9X*C16	FC/PC60C	47.5	3.54	3.93	32.6	2.34	4.08	8.00
	T*9X*C20	FC/PC60C	47.0	3.56	3.87	32.6	2.34	4.08	8.00
	T*9X*D20	FC/MC/PC60D	46.5	3.50	3.89	32.2	2.32	4.07	8.00
	T*(8,L)X*C16	FC/MC62D	47.5	3.54	3.93	32.4	2.32	4.09	8.00

For Notes See Page 20.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

MODELS	FURNACE MODEL	COIL ¹ MODEL	ARI HEATING ²						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
HC3B048F1(C)	T*(8,L)X*C20	FC/MC62D	47.0	3.58	3.85	32.2	2.34	4.03	8.00
	T*9X*C16	FC/MC62D	47.5	3.54	3.93	32.4	2.32	4.09	8.00
	T*9X*C20	FC/MC62D	47.5	3.56	3.91	32.4	2.32	4.09	8.00
	T*9X*D20	FC/MC62D	47.5	3.54	3.93	32.4	2.30	4.13	8.00
	T*(8,L)X*C16	FC64D	48.0	3.74	3.76	32.6	2.42	3.95	8.20
	T*(8,L)X*C20	FC64D	48.0	3.78	3.72	32.4	2.44	3.89	8.20
	T*9X*C16	FC64D	48.0	3.74	3.76	32.6	2.42	3.95	8.15
	T*9X*C20	FC64D	48.0	3.76	3.74	32.4	2.44	3.89	8.15
	T*9X*C16	UC60C	47.5	3.54	3.93	32.6	2.34	4.08	8.00
	T*9X*C20	UC60C	47.0	3.56	3.87	32.6	2.34	4.08	8.00
	(C*(8,L)C/T*8V)*C16	FC/PC60C	47.5	3.50	3.98	33.0	2.30	4.21	8.00
	(C*(8,L)C/T*8V)*C20	FC/PC60C	47.5	3.54	3.93	32.8	2.32	4.14	8.10
	(C*9C/T*9V)*C16	FC/PC60C	47.5	3.48	4.00	33.2	2.28	4.27	8.00
	(C*9C/T*9V)*C20	FC/PC60C	47.5	3.48	4.00	33.2	2.28	4.27	8.00
	(C*9C/T*9V)*D20	FC/MC/PC60D	47.5	3.48	4.00	33.0	2.28	4.24	8.00
	(C*9C/T*9V)*D20	FC/MC62D	48.0	3.54	3.97	32.8	2.30	4.18	8.10
	(C*(8,L)C/T*8V)*C16	FC64D	48.0	3.72	3.78	32.6	2.42	3.95	8.20
	(C*(8,L)C/T*8V)*C20	FC64D	48.0	3.74	3.76	32.6	2.42	3.95	8.20
	(C*9C/T*9V)*C16	FC64D	48.0	3.70	3.80	32.8	2.40	4.00	8.15
	(C*9C/T*9V)*C20	FC64D	48.0	3.66	3.84	33.0	2.38	4.06	8.15
	(C*(8,L)C/T*8V)*C16	HD60	47.0	3.30	4.17	32.6	2.14	4.46	7.90
	(C*(8,L)C/T*8V)*C20	HD60	47.0	3.32	4.15	32.4	2.16	4.40	7.90
	(C*9C/T*9V)*C16	HD60	47.0	3.26	4.23	32.6	2.12	4.51	7.90
	(C*9C/T*9V)*C20	HD60	47.0	3.26	4.23	32.6	2.12	4.51	7.90
	(C*9C/T*9V)*D20	HD60	47.0	3.28	4.20	32.6	2.14	4.46	7.90
	(C*(8,L)C/T*8V)*C16	UC60C	47.5	3.56	3.91	32.6	2.32	4.12	8.10
	(C*(8,L)C/T*8V)*C20	UC60C	47.5	3.62	3.85	32.4	2.36	4.02	8.10
	(C*9C/T*9V)*C16	UC60C	48.0	3.54	3.97	32.8	2.30	4.18	8.10
(C*9C/T*9V)*C20	UC60C	48.0	3.54	3.97	32.8	2.30	4.18	8.10	
(C*9C/T*9V)*D20	UC60D	48.0	3.54	3.97	32.8	2.32	4.14	8.10	
HC3B060F2(C)	T*(8,L)X*C20	FC/MC62D	56.5	3.60	4.60	33.8	2.42	4.09	8.00
	T*9X*C20	FC/MC62D	56.5	3.48	4.76	33.8	2.36	4.20	8.00
	T*9X*D20	FC/MC62D	56.5	3.44	4.81	34.0	2.34	4.26	7.90
	T*(8,L)X*C20	FC64D	56.5	3.72	4.45	33.8	2.48	3.99	8.10
	T*9X*C20	FC64D	56.5	3.66	4.52	34.0	2.48	4.02	8.00
	T*9X*D20	FC64D	57.0	3.68	4.54	34.2	2.48	4.04	8.10
	(C*(8,L)C/T*8V)*C20	FC/MC62D	56.5	3.56	4.65	34.0	2.40	4.15	8.10
	(C*9C/T*9V)*C20	FC/MC62D	57.0	3.50	4.77	34.2	2.36	4.25	8.00
	(C*9C/T*9V)*D20	FC/MC62D	57.0	3.50	4.77	34.0	2.38	4.19	8.10
	(C*(8,L)C/T*8V)*C20	FC64D	56.5	3.66	4.52	34.2	2.46	4.07	8.10
	(C*9C/T*9V)*C20	FC64D	57.0	3.62	4.61	34.6	2.44	4.15	8.00
	(C*9C/T*9V)*D20	FC64D	57.0	3.62	4.61	34.4	2.44	4.13	8.10

1. Rated CFM same as for cooling.

2. Heating MBH based on ARI standards of 70° DB entering indoor air, 72% RH outdoor air with 25 feet of interconnecting piping and no supplemental electric heat operation.

3. Variable speed furnaces have B.O.D (Blower on Delay) standard.

CP equals MBH output divided by (total KW input x 3.412).

HSPF (Heating Seasonal Performance Factor) is the total heating output during a normal annual usage period for heating divided by the total electric power input during the same period.

ACCESSORIES*

Hard Start Kit (024-31994-000, 024-31995-000) - Provides increased starting torque for areas with low voltage.

TXV Kits - 1TV09 series thermal expansion valves precisely meter refrigerant for optimum performance.

Compressor Discharge Temperature Sensor (2SN02700124) - Adds an additional safety for improved compressor reliability and diagnostics. Compatible only with 13 SEER and higher heat pumps.

Bonnet Sensor (2SB13700124) - The bonnet sensor is used to sense plenum temperature, and is optional with a gas or oil back-up heat source. Compatible only with 13 SEER and higher heat pumps.

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

Heat Pump Risers - (526-35389-000, 526-35390-000, 526-35391-000) - 3", 6", or 12" risers mount easily in composite base pan recesses, ensuring the unit stays clear of snow and ice build-up in harsh winter weather.

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 RATINGS*

UNIT MODEL	(dBA)	
	Cooling	Heating
018	65	66
024	70	70
030	70	71
036	71	72
042	74	74
048	74	75
060	74	75

* Rated in accordance with ARI 270-95 Standards.

COOLING PERFORMANCE DATA																
AIR CONDITIONER MODEL NO.		HC3B018F1(C)														
INDOOR COIL MODEL NO.		FC/MC/PC/UC18														
CONDENSING ENTERING AIR TEMPERATURE	IDCFM	450					600					750				
	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.	14.4	17.2	16.4	18.9	21.3	16.8	19.1	18.1	20.7	22.2	19.2	20.9	19.8	22.6	23.1
	S.C.	14.5	12.8	10.6	11.1	9.0	16.9	15.4	12.7	13.1	10.1	19.4	18.1	14.9	15.1	11.2
	KW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75	T.C.	13.9	16.5	15.8	18.2	20.2	16.0	18.1	17.4	19.8	21.1	18.2	19.8	18.9	21.5	22.0
	S.C.	14.0	12.4	10.3	10.7	8.6	16.1	14.9	12.5	12.7	9.7	18.3	17.4	14.6	14.7	10.8
	KW	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.2
85	T.C.	13.3	15.7	15.3	17.4	19.0	15.2	17.2	16.7	18.9	19.9	17.1	18.6	18.1	20.4	20.8
	S.C.	13.4	12.1	10.1	10.4	8.1	15.3	14.4	12.2	12.4	9.3	17.2	16.8	14.2	14.3	10.4
	KW	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
95	T.C.	12.7	14.9	14.7	16.7	17.9	14.4	16.2	15.9	18.0	18.8	16.1	17.5	17.2	19.3	19.7
	S.C.	12.8	11.8	9.9	10.1	7.7	14.5	13.9	11.9	12.0	8.9	16.1	16.1	13.9	13.9	10.0
	KW	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
105	T.C.	12.2	14.1	13.8	15.7	16.9	13.8	15.5	14.9	16.9	17.7	15.4	16.8	16.1	18.1	18.5
	S.C.	12.3	11.5	9.6	9.7	7.3	13.9	13.5	11.4	11.5	8.4	15.4	15.5	13.3	13.4	9.5
	KW	1.9	1.9	1.8	1.9	1.8	1.9	1.9	1.8	1.8	1.8	1.9	1.8	1.8	1.8	1.8
115	T.C.	11.7	13.4	12.9	14.7	15.9	13.2	14.8	13.9	15.8	16.6	14.7	16.1	15.0	16.9	17.3
	S.C.	11.8	11.3	9.2	9.3	7.0	13.3	13.0	11.0	11.1	8.0	14.8	14.8	12.7	12.9	9.0
	KW	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
125	T.C.	11.2	12.7	11.9	13.8	14.8	12.6	14.1	12.9	14.7	15.5	14.1	15.5	13.9	15.7	16.1
	S.C.	11.3	11.0	8.9	8.9	6.6	12.7	12.6	10.5	10.6	7.5	14.1	14.2	12.2	12.3	8.4
	KW	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

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
MA08B	FC/MC18B	1.00	1.00	1.00
MV12B	FC/MC18B	0.97	0.98	0.96
AHP18	–	1.00	1.00	1.00
AHX18	–	0.98	0.94	0.88
AHX24	–	0.98	0.92	0.88
AHX30	–	0.98	0.94	0.88
AV*24	–	0.98	0.93	0.88
AV*36	–	0.98	0.95	0.88
F*FP024	–	0.99	1.00	1.00
F6FP018	–	0.98	0.93	0.90
F6FP024	–	0.98	0.93	0.90
F6FP030	–	0.98	0.93	0.90
–	HC18	1.00	1.00	1.00
–	HD24	1.00	1.00	1.00

Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC18A	0.98	0.90	0.87
T*(8,L)X*B12	FC/MC/PC18B	0.98	0.91	0.87
T*9X*B12	FC/MC/PC18B	0.98	0.92	0.87
T*(8,L)X*A12	FC/MC/PC24A	0.98	0.92	0.87
T*(8,L)X*B12	FC/MC/PC24B	0.98	0.92	0.87
T*9X*B12	FC/MC/PC24B	0.98	0.92	0.87
T*(8,L)X*A12	FC/MC/PC32A	0.98	0.93	0.87
T*(8,L)X*A12	UC18A	0.98	0.92	0.87
T*(8,L)X*B12	UC18B	0.98	0.92	0.87
T*9X*B12	UC18B	0.98	0.92	0.87
T*(8,L)X*A12	UC24A	0.98	0.92	0.87

Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*B12	UC24B	0.98	0.92	0.87
T*9X*B12	UC24B	0.98	0.94	0.87
T*(8,L)X*A12	HD24	0.98	0.93	0.87
T*(8,L)X*B12	HD24	0.98	0.98	0.87
T*9X*B12	HD24	0.98	0.93	0.87
(C*(8,L)C/T*8V)*A12	FC/MC/PC18A	1.00	1.02	0.92
(C*(8,L)C/T*8V)*B12	FC/MC/PC18B	1.00	1.00	0.91
(C*9C/T*9V)*B12	FC/MC/PC18B	1.00	1.01	0.91
(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	1.00	1.04	0.92
(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	1.00	1.00	0.90
(C*9C/T*9V)*B12	FC/MC/PC24B	1.00	1.04	0.91
(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	1.00	1.04	0.92
(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	1.00	1.00	0.90
(C*9C/T*9V)*B12	FC/MC/PC30B	1.00	1.04	0.91
(C*(8,L)C/T*8V)*A12	HC18	1.00	1.02	0.92
(C*(8,L)C/T*8V)*A12	HD24	1.00	1.03	0.92
(C*(8,L)C/T*8V)*B12	HD24	1.00	1.00	0.90
(C*9C/T*9V)*B12	HD24	1.00	1.03	0.91
(C*(8,L)C/T*8V)*A12	UC18A	1.00	1.02	0.92
(C*(8,L)C/T*8V)*B12	UC18B	1.00	1.00	0.91
(C*9C/T*9V)*B12	UC18B	1.00	1.02	0.91
(C*(8,L)C/T*8V)*A12	UC24A	1.00	1.04	0.92
(C*(8,L)C/T*8V)*B12	UC24B	1.00	1.01	0.90
(C*9C/T*9V)*B12	UC24B	1.00	1.04	0.91
(C*(8,L)C/T*8V)*A12	UC30A	1.00	1.04	0.92
(C*(8,L)C/T*8V)*B12	UC30B	1.00	1.01	0.90
(C*9C/T*9V)*B12	UC30B	1.00	1.04	0.91

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		HC3B024F1(C)														
INDOOR COIL MODEL NO.		AHP24														
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	57	57	62	62	67	72
65	T.C.	21.7	24.5	23.6	27.4	29.9	24.0	25.4	24.8	28.4	30.8	26.4	26.3	26.0	29.5	31.7
	S.C.	21.9	20.9	16.6	17.8	14.0	24.3	23.9	19.3	19.9	15.6	26.7	24.3	22.0	22.0	17.2
	K.W.	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75	T.C.	20.9	23.1	22.3	25.5	28.0	23.1	24.2	23.4	26.6	28.9	25.3	25.4	24.5	27.6	29.9
	S.C.	21.1	19.9	15.9	16.6	13.3	23.4	22.8	18.3	18.9	14.8	25.6	25.7	20.8	21.2	16.4
	K.W.	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85	T.C.	20.2	21.7	21.1	23.6	26.1	22.2	23.1	22.0	24.7	27.1	24.3	24.5	23.0	25.8	28.1
	S.C.	20.4	18.9	15.1	15.5	12.5	22.4	21.7	17.4	18.0	14.1	24.5	24.5	19.6	20.4	15.6
	K.W.	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
95	T.C.	19.5	20.2	19.8	21.7	24.1	21.4	21.9	20.6	22.8	25.2	23.2	23.6	21.4	23.9	26.3
	S.C.	19.6	17.9	14.4	14.3	11.8	21.5	20.6	16.4	17.0	13.3	23.4	23.3	18.5	19.7	14.8
	K.W.	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.0
105	T.C.	18.1	18.7	18.3	20.1	22.6	19.8	20.2	19.0	21.1	23.6	21.5	21.8	19.7	22.0	24.5
	S.C.	18.2	17.0	13.7	13.7	11.2	19.9	19.2	15.7	16.2	12.8	21.7	21.4	17.7	18.8	14.3
	K.W.	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
115	T.C.	16.7	17.2	16.8	18.6	21.2	18.2	18.6	17.4	19.4	21.9	19.8	20.0	18.0	20.2	22.7
	S.C.	16.8	16.1	13.0	13.0	10.7	18.4	17.8	15.0	15.4	12.2	20.0	19.5	17.0	17.9	13.8
	K.W.	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
125	T.C.	15.3	15.7	15.3	17.1	19.7	16.7	17.0	15.8	17.7	20.3	18.1	18.3	16.3	18.4	20.9
	S.C.	15.4	15.2	12.4	12.3	10.2	16.9	16.4	14.3	14.7	11.7	18.3	17.7	16.3	17.0	13.3
	K.W.	3.0	3.1	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.0

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

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
MA08B	FC/MC24B	1.00	1.00	1.00
MA08B	FC/MC30B	1.00	1.00	1.00
MV12B	FC/MC24B	1.03	1.02	0.96
MV12B	FC/MC30B	1.03	1.02	0.96
AHX24	–	0.99	1.04	0.92
AHX30	–	1.01	1.06	0.92
AHX36	–	1.02	1.08	0.90
AV*24	–	1.03	1.02	0.96
F*FP030	–	1.00	1.00	1.00
F6FP024	–	0.99	1.05	0.93
F6FP030	–	0.99	1.05	0.94
F6FP036	–	1.01	1.07	0.93
–	FC/MC/PC/UC24	1.00	1.00	1.00
–	FC/MC/PC/UC30	1.00	1.00	1.00
–	HC30	1.00	1.00	1.00
–	HD24	0.98	1.06	1.00

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Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC24A	0.99	1.03	0.91
T*(8,L)X*B12	FC/MC/PC24B	1.00	1.07	0.90
T*9X*B12	FC/MC/PC24B	0.99	1.03	0.91
T*(8,L)X*A12	FC/MC/PC32A	1.00	1.06	0.91
T*(8,L)X*B12	FC/MC/PC35B	1.01	1.09	0.90
T*(8,L)X*C20	FC/MC/PC35C	1.02	1.11	0.91
T*9X*B12	FC/MC/PC35B	1.00	1.06	0.91
T*9X*C16	FC/MC/PC35C	0.99	1.00	0.89
T*9X*C20	FC/MC/PC35C	1.00	1.06	0.91
T*(8,L)X*A12	FC/MC/PC36A	1.01	1.06	0.90
T*(8,L)X*B12	FC/MC/PC36B	1.01	1.06	0.90
T*9X*B12	FC/MC/PC36B	1.01	1.06	0.91
T*9X*C16	FC/MC/PC36C	1.00	1.03	0.89
T*9X*C20	FC/MC/PC36C	1.01	1.06	0.91
T*(8,L)X*A12	UC24A	1.00	1.04	0.91
T*(8,L)X*B12	UC24B	1.00	1.04	0.91
T*9X*B12	UC24B	1.00	1.04	0.91
T*(8,L)X*A12	UC36A	0.99	1.03	0.91
T*(8,L)X*B12	UC36B	1.00	1.04	0.88
T*9X*B12	UC36B	0.99	1.03	0.91
T*9X*C16	UC36C	1.00	1.04	0.89

Furnaces	Coils	T.C.	S.C.	KW
T*9X*C20	UC36C	0.99	1.03	0.91
T*(8,L)X*A12	HD36	0.87	0.98	0.91
T*(8,L)X*B12	HD36	1.00	1.05	0.90
T*9X*B12	HD36	0.99	1.01	0.90
(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	1.02	1.05	0.92
(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	1.02	1.05	0.91
(C*9C/T*9V)*B12	FC/MC/PC24B	1.02	1.05	0.93
(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	1.02	1.05	0.92
(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	1.02	1.05	0.91
(C*9C/T*9V)*B12	FC/MC/PC30B	1.02	1.05	0.93
(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	1.02	1.04	0.93
(C*(8,L)C/T*8V)*A12	HC30	1.02	1.02	0.93
(C*(8,L)C/T*8V)*A12	HD24	1.04	1.06	0.93
(C*(8,L)C/T*8V)*B12	HD24	1.04	1.06	0.92
(C*9C/T*9V)*B12	HD24	1.04	1.06	0.93
(C*(8,L)C/T*8V)*A12	UC24A	1.04	1.05	0.93
(C*(8,L)C/T*8V)*B12	UC24B	1.04	1.06	0.92
(C*9C/T*9V)*B12	UC24B	1.03	1.05	0.93
(C*(8,L)C/T*8V)*A12	UC30A	1.04	1.05	0.93
(C*(8,L)C/T*8V)*B12	UC30B	1.04	1.06	0.92
(C*9C/T*9V)*B12	UC30B	1.03	1.05	0.93

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		HC3B030F1(C)														
INDOOR COIL MODEL NO.		FC/MC/PC/UC36														
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	57	57	62	62	67	72
65	T.C.	27.1	29.1	29.2	33.5	37.3	29.0	30.7	30.7	34.8	38.8	31.0	32.2	32.2	36.1	40.2
	S.C.	26.7	23.3	20.0	20.6	16.9	28.7	26.6	22.6	23.0	18.3	30.7	29.9	25.1	25.3	19.7
	K.W.	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75	T.C.	26.2	27.9	27.8	31.7	35.7	28.1	29.3	29.1	33.0	37.0	29.9	30.7	30.5	34.3	38.2
	S.C.	25.9	22.9	19.3	19.9	16.2	27.7	26.0	21.7	22.3	17.6	29.6	29.0	24.1	24.7	19.1
	K.W.	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85	T.C.	25.4	26.6	26.3	29.9	34.1	27.1	27.9	27.5	31.2	35.2	28.8	29.1	28.7	32.5	36.2
	S.C.	25.1	22.6	18.5	19.1	15.6	26.8	25.3	20.8	21.7	17.0	28.4	28.1	23.2	24.2	18.4
	K.W.	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
95	T.C.	24.5	25.4	24.8	28.1	32.6	26.1	26.5	25.9	29.4	33.4	27.7	27.6	27.0	30.7	34.2
	S.C.	24.3	22.3	17.7	18.4	14.9	25.8	24.7	19.9	21.0	16.4	27.3	27.2	22.2	23.6	17.8
	K.W.	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
105	T.C.	23.1	23.7	23.4	26.3	30.3	24.5	24.8	24.3	27.4	30.4	26.0	26.0	25.2	28.4	30.4
	S.C.	22.9	21.4	17.2	17.8	14.2	24.3	23.5	19.4	20.2	16.9	25.7	25.6	21.6	22.7	19.5
	K.W.	3.1	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.0	3.0	3.1	3.0	3.1	3.0	3.0
115	T.C.	21.7	22.0	21.9	24.6	28.2	23.0	23.2	22.6	25.4	27.4	24.3	24.4	23.4	26.1	26.7
	S.C.	21.5	20.6	16.8	17.2	13.5	22.8	22.4	18.9	19.5	17.4	24.0	24.1	21.1	21.8	21.2
	K.W.	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
125	T.C.	20.3	20.4	20.5	22.9	26.0	21.5	21.6	21.0	23.4	24.5	22.7	22.9	21.6	23.9	23.1
	S.C.	20.1	19.8	16.4	16.5	12.9	21.3	21.2	18.4	18.8	17.9	22.4	22.7	20.5	21.0	22.9
	K.W.	3.8	3.8	3.8	3.8	3.7	3.8	3.8	3.8	3.8	3.7	3.8	3.8	3.8	3.8	3.7

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

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
MA12B	FC/MC36B	1.00	1.00	1.00
MV12B	FC/MC36B	0.99	1.00	0.96
MV16C	FC/MC36C	0.99	1.00	0.96
AHP30	–	1.00	1.00	1.00
AHP36	–	1.00	0.99	1.00
AHX30	–	1.00	1.01	0.94
AHX36	–	1.01	1.02	0.91
AHX42	–	1.01	1.02	0.90
AHX48	–	1.01	1.06	0.91
AV*36	–	1.03	1.00	0.96
F2FP036	–	1.01	1.00	1.00
F6FP030	–	0.99	0.99	0.96
F6FP036	–	0.99	0.98	0.92
F6FP042	–	1.01	1.04	0.92
–	HC36	1.01	0.99	1.00
–	HD36	1.01	1.02	1.00

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Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC32A	0.99	0.98	0.94
T*(8,L)X*B12	FC/MC/PC35B	1.01	1.05	0.94
T*(8,L)X*C16	FC/MC/PC35C	1.01	1.05	0.92
T*9X*B12	FC/MC/PC35B	1.01	1.04	0.93
T*9X*C16	FC/MC/PC35C	1.01	1.04	0.93
T*(8,L)X*A12	FC/MC/PC36A	0.99	0.98	0.94
T*(8,L)X*B12	FC/MC/PC36B	1.00	1.03	0.94
T*(8,L)X*C16	FC/MC/PC36C	1.01	1.04	0.92
T*9X*B12	FC/MC/PC36B	1.00	1.02	0.94
T*9X*C16	FC/MC/PC36C	1.00	1.02	0.93
T*(8,L)X*A12	FC/MC/PC37A	1.01	1.05	0.94
T*(8,L)X*A12	UC36A	0.99	1.00	0.94
T*(8,L)X*B12	UC36B	1.00	1.04	0.94
T*(8,L)X*C20	UC36C	0.99	0.98	0.89
T*9X*B12	UC36B	1.00	1.00	0.93
T*9X*C16	UC36C	1.00	1.00	0.93
T*(8,L)X*A12	HD36	0.90	0.98	0.94
T*(8,L)X*B12	HD36	0.90	0.98	0.94
T*(8,L)X*C16	HD36	0.90	0.99	0.93
T*9X*B12	HD36	0.90	0.98	0.94
(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	1.01	1.03	0.99
(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	1.02	1.04	0.95
(C*9C/T*9V)*B12	FC/MC/PC35B	1.02	1.03	0.97
(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	1.02	1.04	0.94
(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	1.03	1.06	0.94
(C*9C/T*9V)*C16	FC/MC/PC35C	1.02	1.04	0.94

Furnaces	Coils	T.C.	S.C.	KW
(C*9C/T*9V)*C20	FC/MC/PC35C	1.02	1.04	0.94
(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	1.01	1.00	0.95
(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	1.01	1.01	0.94
(C*9C/T*9V)*B12	FC/MC/PC36B	1.01	1.01	0.94
(C*(8,L)C/T*8V)*C16	FC/MC/PC36C	1.02	1.02	0.93
(C*(8,L)C/T*8V)*C20	FC/MC/PC36C	1.02	1.02	0.93
(C*9C/T*9V)*C16	FC/MC/PC36C	1.02	1.02	0.93
(C*9C/T*9V)*C20	FC/MC/PC36C	1.01	1.02	0.94
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	1.02	1.02	0.97
(C*(8,L)C/T*8V)*A12	HC30	0.99	1.01	0.99
(C*(8,L)C/T*8V)*B12	HC36	1.01	1.02	0.95
(C*9C/T*9V)*B12	HC36	1.02	1.04	0.97
(C*(8,L)C/T*8V)*A12	HD36	1.00	0.98	0.95
(C*(8,L)C/T*8V)*B12	HD36	1.00	0.99	0.94
(C*(8,L)C/T*8V)*C16	HD36	1.00	0.99	0.93
(C*(8,L)C/T*8V)*C20	HD36	1.01	1.02	0.93
(C*9C/T*9V)*B12	HD36	1.00	0.99	0.94
(C*9C/T*9V)*C16	HD36	1.00	0.99	0.93
(C*9C/T*9V)*C20	HD36	1.00	0.99	0.94
(C*(8,L)C/T*8V)*A12	UC36A	1.00	1.00	0.95
(C*(8,L)C/T*8V)*B12	UC36B	1.01	1.01	0.94
(C*9C/T*9V)*B12	UC36B	1.00	1.01	0.94
(C*(8,L)C/T*8V)*C16	UC36C	1.01	1.02	0.93
(C*(8,L)C/T*8V)*C20	UC36C	1.01	1.02	0.93
(C*9C/T*9V)*C16	UC36C	1.01	1.02	0.93
(C*9C/T*9V)*C20	UC36C	1.01	1.02	0.94

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		HC3B036F1(C)														
INDOOR COIL MODEL NO.		FC/MC/PC/UC36														
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	57	57	62	62	67	72
65	T.C.	33.4	35.6	36.5	41.1	44.1	35.4	36.5	37.1	41.6	44.5	37.4	37.5	37.7	42.1	44.9
	S.C.	33.8	31.2	26.2	26.6	20.9	35.8	34.2	28.4	28.9	22.5	37.8	37.1	30.7	31.3	24.0
	K.W.	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3
75	T.C.	31.9	33.9	34.4	39.0	42.1	33.7	34.9	35.0	39.4	42.4	35.5	35.9	35.5	39.8	42.7
	S.C.	32.3	30.4	25.4	25.7	20.2	34.1	33.1	27.6	28.0	21.7	35.9	35.8	29.8	30.3	23.2
	K.W.	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.6	2.6
85	T.C.	30.4	32.2	32.4	36.9	40.0	32.0	33.2	32.8	37.2	40.3	33.5	34.3	33.3	37.5	40.6
	S.C.	30.8	29.5	24.6	24.8	19.6	32.4	32.0	26.7	27.0	21.0	33.9	34.4	28.9	29.3	22.5
	K.W.	2.8	2.8	2.8	2.9	2.9	2.8	2.8	2.8	2.9	2.9	2.8	2.8	2.9	2.9	2.9
95	T.C.	29.0	30.4	30.3	34.8	38.0	30.3	31.5	30.6	35.0	38.2	31.6	32.7	31.0	35.2	38.4
	S.C.	29.3	28.7	23.8	23.9	18.9	30.7	30.8	25.9	26.1	20.3	32.0	33.0	28.0	28.3	21.7
	K.W.	3.1	3.1	3.1	3.2	3.2	3.1	3.1	3.2	3.2	3.2	3.1	3.1	3.2	3.2	3.2
105	T.C.	27.6	28.9	28.2	32.0	35.1	28.7	29.7	28.5	32.2	35.3	29.9	30.6	28.7	32.4	35.5
	S.C.	27.9	26.8	22.6	22.9	18.0	29.1	28.6	24.7	24.9	19.3	30.2	30.5	26.7	26.9	20.6
	K.W.	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
115	T.C.	26.3	27.3	26.2	29.4	32.4	27.2	28.0	26.3	29.5	32.5	28.2	28.7	26.5	29.7	32.6
	S.C.	26.6	24.9	21.6	21.9	17.1	27.5	26.4	23.5	23.7	18.3	28.5	27.9	25.4	25.5	19.6
	K.W.	4.0	4.0	4.0	4.1	4.1	4.0	4.0	4.0	4.1	4.1	4.0	4.0	4.0	4.1	4.1
125	T.C.	24.9	25.8	24.2	26.7	29.6	25.7	26.3	24.2	26.8	29.7	26.5	26.7	24.2	26.9	29.8
	S.C.	25.2	23.0	20.5	20.9	16.2	26.0	24.2	22.3	22.5	17.3	26.8	25.4	24.1	24.1	18.5
	K.W.	4.5	4.4	4.4	4.5	4.5	4.5	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

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
MA12B	FC/MC36B	0.98	0.98	1.00
MV16C	FC/MC36C	1.03	1.03	0.96
AHP36	–	1.00	1.00	1.00
AHP42	–	1.00	1.00	1.00
AHX36	–	0.97	1.01	0.92
AHX42	–	0.98	1.01	0.90
AHX48	–	0.99	1.05	0.91
AV*36	–	0.97	1.01	0.92
AV/SV*48	–	0.98	1.02	0.91
F2FP036	–	1.00	1.00	1.00
F2FP042	–	1.01	1.00	1.00
F6FP036	–	0.95	0.97	0.94
F6FP042	–	0.98	1.05	0.93
F6FP048	–	0.97	0.99	0.91
F6FP060	–	0.98	1.04	0.92
–	HC36	1.01	0.98	1.00
–	HD36	0.99	1.00	1.00

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Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC36A	0.93	0.95	0.95
T*(8,L)X*B12	FC/MC/PC36B	0.95	0.98	0.94
T*(8,L)X*C16	FC/MC/PC36C	0.94	0.93	0.90
T*(8,L)X*C20	FC/MC/PC36C	0.96	0.99	0.92
T*9X*B12	FC/MC/PC36B	0.95	0.97	0.95
T*9X*C16	FC/MC/PC36C	0.95	0.99	0.93
T*9X*C20	FC/MC/PC36C	0.94	0.96	0.92
T*(8,L)X*A12	FC/MC/PC37A	0.97	1.03	0.94
T*(8,L)X*B12	FC/MC/PC43B	0.97	1.03	0.94
T*(8,L)X*C16	FC/MC/PC43C	0.97	1.00	0.90
T*(8,L)X*C20	FC/MC/PC43C	0.98	1.04	0.92
T*9X*B12	FC/MC/PC43B	0.97	1.03	0.95
T*9X*C16	FC/MC/PC43C	0.98	1.04	0.94
T*9X*C20	FC/MC/PC43C	0.97	1.00	0.92
T*(8,L)X*A12	UC36A	0.94	0.96	0.95
T*(8,L)X*B12	UC36B	0.94	0.97	0.94
T*(8,L)X*C16	UC36C	0.96	0.98	0.90
T*(8,L)X*C20	UC36C	0.96	1.01	0.91
T*9X*B12	UC36B	0.94	0.96	0.95
T*9X*C16	UC36C	0.95	0.97	0.93
T*9X*C20	UC36C	0.95	0.97	0.92
T*(8,L)X*A12	HD36	0.94	0.98	0.94
T*(8,L)X*B12	HD36	0.94	0.98	0.94
T*9X*B12	HD36	0.94	0.98	0.94
(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	0.99	0.99	0.98
(C*9C/T*9V)*B12	FC/MC/PC35B	0.99	0.98	0.98
(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	1.01	1.01	0.95
(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	1.01	1.01	0.94
(C*9C/T*9V)*C16	FC/MC/PC35C	1.00	1.01	0.96
(C*9C/T*9V)*C20	FC/MC/PC35C	1.01	1.04	0.98
(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	0.97	0.96	0.98
(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	0.98	0.97	0.97
(C*9C/T*9V)*B12	FC/MC/PC36B	0.98	0.97	0.96
(C*(8,L)C/T*8V)*C16	FC/MC/PC36C	0.99	0.99	0.95

Furnaces	Coils	T.C.	S.C.	KW
(C*(8,L)C/T*8V)*C20	FC/MC/PC36C	1.00	1.00	0.94
(C*9C/T*9V)*C16	FC/MC/PC36C	0.99	0.99	0.95
(C*9C/T*9V)*C20	FC/MC/PC36C	1.00	1.02	0.97
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	0.97	0.92	0.95
(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	1.01	1.01	0.98
(C*9C/T*9V)*B12	FC/MC/PC43B	1.01	1.01	0.98
(C*(8,L)C/T*8V)*C16	FC/MC/PC43C	1.02	1.02	0.95
(C*(8,L)C/T*8V)*C20	FC/MC/PC43C	1.02	1.02	0.94
(C*9C/T*9V)*C16	FC/MC/PC43C	1.01	1.02	0.97
(C*9C/T*9V)*C20	FC/MC/PC43C	1.02	1.02	0.95
(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	1.03	1.04	0.94
(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	1.03	1.04	0.93
(C*9C/T*9V)*C16	FC/MC/PC48C	1.02	1.04	0.95
(C*9C/T*9V)*C20	FC/MC/PC48C	1.03	1.08	0.97
(C*(8,L)C/T*8V)*C16	HC42	1.02	1.02	0.95
(C*(8,L)C/T*8V)*C20	HC42	1.02	1.03	0.94
(C*9C/T*9V)*C16	HC42	1.01	1.02	0.97
(C*9C/T*9V)*C20	HC42	1.02	1.02	0.95
(C*(8,L)C/T*8V)*B12	HD48	0.99	1.00	0.96
(C*(8,L)C/T*8V)*C16	HD48	1.00	1.01	0.94
(C*(8,L)C/T*8V)*C20	HD48	1.00	1.01	0.93
(C*9C/T*9V)*B12	HD48	0.99	1.00	0.97
(C*9C/T*9V)*C16	HD48	0.99	1.01	0.95
(C*9C/T*9V)*C20	HD48	1.03	1.06	0.97
(C*(8,L)C/T*8V)*A12	UC36A	0.97	0.96	0.98
(C*(8,L)C/T*8V)*B12	UC36B	0.98	0.97	0.97
(C*9C/T*9V)*B12	UC36B	0.98	0.97	0.96
(C*(8,L)C/T*8V)*C16	UC36C	0.99	0.99	0.95
(C*(8,L)C/T*8V)*C20	UC36C	1.00	0.99	0.94
(C*9C/T*9V)*C16	UC36C	0.99	0.99	0.95
(C*9C/T*9V)*C20	UC36C	1.00	1.02	0.97
(C*(8,L)C/T*8V)*C16	UC48C	1.01	1.03	0.94
(C*(8,L)C/T*8V)*C20	UC48C	1.02	1.04	0.93
(C*9C/T*9V)*C16	UC48C	1.01	1.03	0.95
(C*9C/T*9V)*C20	UC48C	1.03	1.08	0.98

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		HC3B042F1(C)														
INDOOR COIL MODEL NO.		FC/MC/PC/UC48														
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	57	57	62	62	67	72
65	T.C.	41.7	43.4	41.3	47.3	50.7	44.2	44.8	42.6	48.5	50.4	46.8	46.3	44.0	49.8	50.1
	S.C.	38.3	36.4	31.1	30.9	24.9	40.5	40.1	33.1	33.6	26.0	42.8	43.8	35.0	36.3	27.0
	K.W.	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
75	T.C.	40.0	41.2	39.4	44.8	47.5	42.3	42.8	40.5	46.0	47.5	44.7	44.4	41.7	47.2	47.4
	S.C.	36.7	35.5	29.9	29.9	23.4	38.8	38.5	31.9	32.5	24.6	40.8	41.6	34.0	35.0	25.9
	K.W.	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0
85	T.C.	38.3	39.1	37.5	42.4	44.4	40.4	40.8	38.4	43.5	44.6	42.5	42.6	39.3	44.6	44.8
	S.C.	35.2	34.5	28.6	29.0	21.9	37.0	37.0	30.8	31.4	23.3	38.8	39.5	33.0	33.8	24.7
	K.W.	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
95	T.C.	36.7	36.9	35.6	40.0	41.3	38.5	38.9	36.3	41.0	41.7	40.4	40.8	37.0	42.0	42.1
	S.C.	33.6	33.5	27.3	28.0	20.4	35.2	35.4	29.7	30.3	21.9	36.8	37.3	32.0	32.6	23.5
	K.W.	3.6	3.6	3.6	3.6	3.7	3.7	3.6	3.6	3.6	3.7	3.7	3.6	3.6	3.6	3.7
105	T.C.	35.5	34.9	33.2	37.5	38.9	36.3	36.6	33.8	38.4	39.3	37.1	38.4	34.5	39.3	39.7
	S.C.	32.5	31.7	26.3	27.1	19.9	33.2	33.4	28.3	29.4	21.5	33.9	35.1	30.4	31.6	23.0
	K.W.	4.2	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
115	T.C.	34.4	33.0	30.9	35.0	36.5	34.2	34.5	31.4	35.8	36.9	34.0	36.0	32.0	36.7	37.3
	S.C.	31.5	30.0	25.2	26.2	19.4	31.2	31.5	27.0	28.4	21.0	31.0	33.0	28.8	30.7	22.6
	K.W.	4.7	4.6	4.6	4.6	4.7	4.6	4.6	4.6	4.7	4.7	4.6	4.7	4.6	4.7	4.7
125	T.C.	33.3	31.0	28.6	32.6	34.1	32.1	32.3	29.1	33.3	34.5	30.8	33.6	29.5	34.0	34.9
	S.C.	30.4	28.3	24.2	25.2	19.0	29.3	29.5	25.8	27.5	20.5	28.1	30.8	27.3	29.8	22.1
	K.W.	5.1	5.1	5.1	5.1	5.2	5.1	5.1	5.1	5.1	5.2	5.1	5.2	5.1	5.2	5.2

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

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
MA16C	FC/MC48C	1.00	1.00	1.00
MA14D	FC/MC48D	1.00	1.00	1.00
MA16C	FC60C	1.00	1.00	1.00
MV16C	FC/MC48C	1.02	1.02	0.96
MV20D	FC/MC48D	1.02	1.02	0.96
AHP/SHP48	-	1.00	1.00	1.00
AHX42	-	1.02	1.04	0.94
AHX48	-	1.02	1.07	0.95
AHX60	-	1.02	1.07	0.96
AV/SV*48	-	1.01	1.02	0.95
AV/SV*60	-	1.01	1.02	0.95
F6FP042	-	1.02	1.06	0.97
F6FP048	-	1.01	1.04	0.95
F6FP060	-	1.02	1.08	0.97
-	HC42	0.98	0.96	1.00
-	HD48	0.98	0.98	1.00

Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*C16	FC/MC/PC48C	1.01	1.03	0.94
T*(8,L)X*C20	FC/MC/PC48C	1.02	1.06	0.95
T*9X*C16	FC/MC/PC48C	1.01	1.02	0.97
T*9X*C20	FC/MC/PC48C	1.01	1.02	0.96
T*9X*D20	FC/MC/PC48D	1.01	1.05	0.95

Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*C16	UC48C	1.02	1.05	0.94
T*9X*C16	UC48C	1.02	1.04	0.97
T*9X*C20	UC48C	1.02	1.05	0.96
T*9X*D20	UC48D	1.02	1.05	0.95
T*(8,L)X*C16	HD48	1.00	1.01	0.94
T*(8,L)X*C20	HD48	0.95	1.03	0.95
T*9X*D20	HD48	1.02	1.04	0.96
(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	1.02	1.03	0.96
(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	1.02	1.03	0.96
(C*9C/T*9V)*C16	FC/MC/PC48C	1.01	1.03	0.97
(C*9C/T*9V)*C20	FC/MC/PC48C	1.01	1.02	0.98
(C*9C/T*9V)*D20	FC/MC/PC48D	1.02	1.03	0.97
(C*(8,L)C/T*8V)*B12	HD48	0.99	0.97	0.98
(C*(8,L)C/T*8V)*C16	HD48	1.02	1.02	0.96
(C*(8,L)C/T*8V)*C20	HD48	1.02	1.02	0.95
(C*9C/T*9V)*B12	HD48	0.97	0.91	0.95
(C*9C/T*9V)*C16	HD48	0.99	0.99	0.97
(C*9C/T*9V)*C20	HD48	0.99	0.99	0.97
(C*9C/T*9V)*D20	HD48	1.02	1.02	0.97
(C*(8,L)C/T*8V)*C16	UC48C	1.01	1.03	0.96
(C*(8,L)C/T*8V)*C20	UC48C	1.01	1.03	0.96
(C*9C/T*9V)*C16	UC48C	1.00	1.02	0.97
(C*9C/T*9V)*C20	UC48C	1.00	1.02	0.98
(C*9C/T*9V)*D20	UC48D	1.00	1.02	0.97

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		HC3B048F1(C)														
INDOOR COIL MODEL NO.		FC/MC/PC/UC60														
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.	49.5	49.2	48.3	52.5	56.2	51.1	49.8	48.8	53.3	56.5	52.7	50.5	49.3	54.0	56.9
	S.C.	45.3	42.7	35.3	35.1	27.3	46.5	44.4	37.6	37.4	28.8	47.7	46.1	39.9	39.8	30.2
	K.W.	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
75	T.C.	46.0	46.5	45.6	50.2	53.6	47.7	47.4	46.2	50.8	53.9	49.3	48.2	46.9	51.5	54.2
	S.C.	43.1	41.0	34.1	34.2	26.5	44.4	43.0	36.4	36.5	27.9	45.8	45.1	38.8	38.8	29.3
	K.W.	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3
85	T.C.	42.6	43.9	42.8	47.9	51.1	44.2	45.0	43.6	48.4	51.2	45.9	46.0	44.4	49.0	51.4
	S.C.	40.9	39.2	32.8	33.4	25.7	42.4	41.6	35.3	35.6	27.1	43.9	44.0	37.7	37.9	28.4
	K.W.	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7
95	T.C.	39.1	41.2	40.1	45.6	48.5	40.8	42.5	41.0	46.0	48.6	42.4	43.8	42.0	46.4	48.7
	S.C.	38.8	37.5	31.5	32.5	25.0	40.4	40.2	34.1	34.7	26.3	42.0	42.9	36.6	36.9	27.6
	K.W.	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1
105	T.C.	36.8	38.7	37.4	42.1	44.9	38.3	40.0	38.2	42.5	44.9	39.8	41.2	38.9	42.9	44.8
	S.C.	36.4	35.9	30.3	31.2	23.8	37.9	38.1	32.5	33.3	25.1	39.3	40.3	34.6	35.5	26.5
	K.W.	4.6	4.6	4.5	4.6	4.6	4.6	4.6	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6
115	T.C.	34.5	36.3	34.8	38.8	41.4	35.9	37.5	35.4	39.2	41.2	37.2	38.6	35.9	39.6	41.1
	S.C.	34.2	34.3	29.2	29.9	22.7	35.5	36.0	30.9	32.0	24.0	36.8	37.7	32.6	34.1	25.4
	K.W.	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
125	T.C.	32.3	33.9	32.2	35.5	37.9	33.5	35.0	32.6	35.8	37.6	34.6	36.1	32.9	36.2	37.3
	S.C.	31.9	32.7	28.0	28.6	21.5	33.1	33.9	29.3	30.6	22.9	34.3	35.2	30.6	32.7	24.3
	K.W.	5.7	5.6	5.6	5.6	5.6	5.7	5.6	5.6	5.6	5.7	5.7	5.6	5.6	5.6	5.7

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

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
MA20D	FC/MC60D	1.00	1.00	1.00
MA20D	MC61	1.01	1.02	1.00
MV20D	FC/MC60D	1.02	1.02	1.00
MV20D	FC60C	1.01	1.01	1.00
MV20D	MC61D	1.03	1.03	1.00
MV20D	FC64D	1.03	1.06	0.97
AHP/SHP48	–	1.00	0.96	1.00
AHP/SHP60	–	1.00	0.96	1.00
AHX48	–	1.04	1.08	0.98
AHX60	–	1.04	1.08	1.00
AV/SV*48	–	1.03	1.05	0.98
AV/SV*60	–	1.03	1.05	0.97
F6FP048	–	1.04	1.06	0.98
F6FP060	–	1.04	1.09	1.00
F*FV060	–	1.01	0.98	1.00
–	HC60	1.00	0.98	1.00
–	HD60	1.00	0.97	1.00
–	MC61	1.01	1.02	1.00
–	FC64	1.01	1.04	1.00

Continued on next page.

Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*C16	FC/PC60C	1.02	1.04	0.99
T*(8,L)X*C20	FC/PC60C	1.02	1.04	0.99
T*9X*C16	FC/PC60C	1.02	1.03	0.99
T*9X*C20	FC/PC60C	1.02	1.04	0.98
T*9X*C16	FC/PC60C	1.01	1.02	0.99
T*9X*C20	FC/PC60C	1.01	1.02	0.98
T*(8,L)X*C20	FC/MC/PC60D	1.02	1.04	0.98
T*9X*D20	FC/MC/PC60D	1.02	1.01	0.95
T*(8,L)X*C16	FC/MC62D	1.03	1.06	0.99
T*(8,L)X*C20	FC/MC62D	1.03	1.06	0.98
T*9X*C16	FC/MC62D	1.03	1.06	0.99
T*9X*C20	FC/MC62D	1.03	1.06	0.98
T*9X*D20	FC/MC62D	1.03	1.06	0.99
T*(8,L)X*C16	FC64D	1.02	1.05	0.98
T*(8,L)X*C20	FC64D	1.03	1.05	0.98
T*9X*C16	FC64D	1.02	1.05	0.99
T*9X*C20	FC64D	1.03	1.05	1.01
(C*9C/T*9V)*D20	FC/MC/PC60D	1.03	1.04	0.98

Furnaces	Coils	T.C.	S.C.	KW
(C*9C/T*9V)*D20	FC/MC62D	1.03	1.05	0.98
(C*(8,L)C/T*8V)*C16	FC/PC60C	1.03	1.04	0.98
(C*(8,L)C/T*8V)*C20	FC/PC60C	1.03	1.05	0.96
(C*9C/T*9V)*C16	FC/PC60C	1.03	1.04	0.99
(C*9C/T*9V)*C20	FC/PC60C	1.03	1.04	0.99
(C*(8,L)C/T*8V)*C16	FC64D	1.02	1.05	0.98
(C*(8,L)C/T*8V)*C20	FC64D	1.02	1.05	0.97
(C*9C/T*9V)*C16	FC64D	1.02	1.05	0.99
(C*9C/T*9V)*C20	FC64D	1.02	1.04	1.00
(C*(8,L)C/T*8V)*C16	HD60	1.02	1.03	0.98
(C*(8,L)C/T*8V)*C20	HD60	1.03	1.04	0.96
(C*9C/T*9V)*C16	HD60	1.02	1.03	0.99
(C*9C/T*9V)*C20	HD60	1.02	1.03	0.99
(C*9C/T*9V)*D20	HD60	1.02	1.03	0.98
(C*(8,L)C/T*8V)*C16	UC60C	1.02	1.02	0.98
(C*(8,L)C/T*8V)*C20	UC60C	1.02	1.02	0.96
(C*9C/T*9V)*C16	UC60C	1.01	1.01	0.99
(C*9C/T*9V)*C20	UC60C	1.01	1.01	0.99
(C*9C/T*9V)*D20	UC60D	1.01	1.01	0.98

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		HC3B060F2(C)														
INDOOR COIL MODEL NO.		FC/MC62D														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1650					1900					2150				
	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	57	57	62	62	67	72
65	T.C.	54.0	57.3	57.0	63.0	69.1	56.4	58.5	58.4	64.3	70.5	58.8	59.7	59.8	65.6	72.0
	S.C.	54.0	49.5	41.8	41.6	33.6	56.4	53.7	44.4	44.1	35.0	58.8	57.9	46.9	46.6	36.4
	K.W.	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.9
75	T.C.	52.0	54.5	54.3	59.9	65.7	54.2	55.6	55.5	61.1	67.0	56.4	56.6	56.6	62.2	68.3
	S.C.	52.0	48.3	40.6	40.4	32.3	54.2	51.9	43.2	42.9	33.7	56.4	55.4	45.7	45.4	35.1
	K.W.	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.3
85	T.C.	50.0	51.7	51.6	56.8	62.4	52.0	52.6	52.6	57.8	63.5	54.0	53.6	53.5	58.9	64.6
	S.C.	50.0	47.2	39.5	39.2	31.0	52.0	50.1	42.0	41.6	32.4	54.0	53.0	44.5	44.1	33.8
	K.W.	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.7
95	T.C.	47.9	48.8	48.8	53.7	59.0	49.7	49.7	49.6	54.6	60.0	51.5	50.5	50.4	55.5	60.9
	S.C.	47.9	46.1	38.3	38.0	29.7	49.7	48.3	40.8	40.4	31.1	51.5	50.5	43.3	42.8	32.4
	K.W.	4.7	4.7	4.7	4.8	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.1
105	T.C.	45.2	45.4	45.4	50.0	54.9	46.9	46.6	46.0	50.7	55.7	48.5	47.9	46.7	51.4	56.5
	S.C.	45.2	44.0	36.8	36.5	28.2	46.9	46.0	39.3	38.9	29.6	48.5	47.9	41.8	41.3	30.9
	K.W.	5.2	5.2	5.2	5.3	5.3	5.4	5.3	5.3	5.4	5.5	5.5	5.5	5.4	5.5	5.6
115	T.C.	42.6	41.9	41.9	46.2	50.9	44.0	43.6	42.5	46.8	51.5	45.4	45.4	43.0	47.4	52.2
	S.C.	42.6	41.9	35.4	35.1	26.7	44.0	43.6	37.8	37.4	28.1	45.4	45.4	40.2	39.8	29.4
	K.W.	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.9	5.9	6.0	6.0	5.9	6.0	6.0
125	T.C.	39.9	38.4	38.5	42.5	46.8	41.1	40.6	38.9	42.9	47.3	42.4	42.9	39.3	43.3	47.8
	S.C.	39.9	38.4	33.9	33.6	25.2	41.1	40.6	36.3	36.0	26.6	42.4	42.9	38.7	38.3	27.9
	K.W.	6.2	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.5	6.5	6.4	6.5	6.5

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

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
MA20D	FC/MC62D	1.00	1.00	1.00
MV20D	FC/MC62D	1.00	1.01	1.00
MV20D	FC64D	1.03	1.04	0.97
AHX60	–	1.06	1.11	1.05
F6FP060	–	1.05	1.07	1.01
–	FC64	1.02	1.04	1.01

Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)X*C20	FC/MC62D	1.05	1.07	0.99
T*9X*C20	FC/MC62D	1.03	1.01	1.00
T*9X*D20	FC/MC62D	1.03	1.01	1.02
T*(8,L)X*C20	FC64D	1.02	1.01	0.96
T*9X*C20	FC64D	1.01	0.99	0.98
T*9X*D20	FC64D	1.02	1.00	0.98
(C*(8,L)C/T*8V)*C20	FC/MC62D	1.00	0.97	0.96
(C*9C/T*9V)*C20	FC/MC62D	0.99	0.96	0.98
(C*9C/T*9V)*D20	FC/MC62D	0.99	0.96	0.97
(C*(8,L)C/T*8V)*C20	FC64D	1.01	1.00	0.95
(C*9C/T*9V)*C20	FC64D	1.01	1.00	0.98
(C*9C/T*9V)*D20	FC64D	1.01	0.99	0.97

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		HC3B018F1(C)								
INDOOR COIL MODEL NO.		FC/MC/PC/UC18								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		450			600			750		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	22.9	1.8	3.7	23.7	1.6	4.3	24.4	1.4	5.0
	70	21.5	2.0	3.1	22.3	1.8	3.6	23.1	1.6	4.2
	80	20.2	2.2	2.6	21.0	2.0	3.0	21.8	1.8	3.6
47	60	20.9	1.8	3.4	21.5	1.6	3.9	22.2	1.4	4.6
	70	19.4	2.0	2.9	20.0	1.8	3.3	20.6	1.6	3.7
	80	17.9	2.1	2.5	18.5	2.0	2.7	19.0	1.8	3.1
40	60	18.7	1.6	3.3	19.4	1.5	3.7	20.1	1.4	4.2
	70	17.0	1.8	2.8	17.8	1.7	3.1	18.7	1.6	3.5
	80	15.3	1.9	2.4	16.3	1.8	2.6	17.2	1.7	2.9
30	60	15.8	1.4	3.4	16.7	1.3	3.7	17.6	1.3	4.1
	70	14.1	1.5	2.7	14.8	1.4	3.0	15.6	1.4	3.3
	80	12.3	1.7	2.2	13.0	1.6	2.4	13.6	1.5	2.7
17	60	12.5	1.4	2.6	13.3	1.3	2.9	14.1	1.3	3.2
	70	10.7	1.5	2.1	11.6	1.5	2.3	12.5	1.4	2.6
	80	9.0	1.6	1.6	9.9	1.6	1.8	10.8	1.5	2.1
10	60	11.5	1.4	2.4	12.0	1.4	2.6	12.5	1.3	2.8
	70	10.0	1.5	1.9	10.5	1.5	2.1	10.9	1.4	2.2
	80	8.6	1.7	1.5	8.9	1.6	1.6	9.2	1.6	1.7

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

Air Handlers	Coils	MBH	KW	COP
MA08B	FC/MC18B	1.00	0.90	1.00
MV12B	FC/MC18B	1.00	0.85	1.05
AHP18	–	1.00	0.90	1.00
AHX18	–	0.97	1.09	0.89
AHX24	–	0.97	1.09	0.89
AHX30	–	0.98	1.13	0.87
AV24	–	0.98	1.10	0.88
AV*36	–	0.98	1.17	0.84
F*FP024	–	1.00	0.99	1.01
F6FP018	–	0.98	1.05	0.93
F6FP024	–	0.98	1.08	0.91
F6FP030	–	0.98	1.11	0.89
–	HC24	1.00	0.89	1.00
–	HD24	1.00	0.89	1.00

Furnaces	Coils	MBH	KW	COP
T*(8,L)X*A12	FC/MC/PC18A	0.97	1.03	0.94
T*(8,L)X*B12	FC/MC/PC18B	0.97	1.06	0.92
T*9X*B12	FC/MC/PC18B	0.97	1.07	0.91
T*(8,L)X*A12	FC/MC/PC24A	0.97	1.13	0.87
T*(8,L)X*B12	FC/MC/PC24B	0.97	1.13	0.87
T*9X*B12	FC/MC/PC24B	0.97	1.12	0.87
T*(8,L)X*A12	FC/MC/PC32A	0.97	1.12	0.87
T*(8,L)X*A12	UC18A	0.97	1.09	0.89
T*(8,L)X*B12	UC18B	0.97	1.09	0.89
T*9X*B12	UC18B	0.97	1.09	0.89
T*(8,L)X*A12	UC24A	0.97	1.12	0.87

Furnaces	Coils	MBH	KW	COP
T*(8,L)X*B12	UC24B	0.97	1.12	0.87
T*9X*B12	UC24B	0.98	1.15	0.85
T*(8,L)X*A12	HD24	0.97	1.05	0.92
T*(8,L)X*B12	HD24	0.97	1.09	0.89
T*9X*B12	HD24	0.97	1.05	0.92
(C*(8,L)C/T*8V)*A12	FC/MC/PC18A	0.97	1.07	0.91
(C*(8,L)C/T*8V)*B12	FC/MC/PC18B	0.97	1.05	0.92
(C*9C/T*9V)*B12	FC/MC/PC18B	0.97	1.07	0.91
(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	0.98	1.13	0.87
(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	0.97	1.11	0.88
(C*9C/T*9V)*B12	FC/MC/PC24B	0.98	1.14	0.86
(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	0.98	1.13	0.87
(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	0.97	1.11	0.88
(C*9C/T*9V)*B12	FC/MC/PC30B	0.98	1.14	0.86
(C*(8,L)C/T*8V)*A12	HC18	0.97	1.07	0.91
(C*(8,L)C/T*8V)*A12	HD24	0.98	1.06	0.92
(C*(8,L)C/T*8V)*B12	HD24	0.97	1.02	0.95
(C*9C/T*9V)*B12	HD24	0.97	1.07	0.92
(C*(8,L)C/T*8V)*A12	UC18A	0.98	1.09	0.90
(C*(8,L)C/T*8V)*B12	UC18B	0.97	1.07	0.91
(C*9C/T*9V)*B12	UC18B	0.98	1.09	0.89
(C*(8,L)C/T*8V)*A12	UC24A	0.98	1.14	0.86
(C*(8,L)C/T*8V)*B12	UC24B	0.97	1.12	0.87
(C*9C/T*9V)*B12	UC24B	0.98	1.15	0.85
(C*(8,L)C/T*8V)*A12	UC30A	0.98	1.14	0.86
(C*(8,L)C/T*8V)*B12	UC30B	0.97	1.12	0.87
(C*9C/T*9V)*B12	UC30B	0.98	1.15	0.85

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		HC3B024F1(C)								
INDOOR COIL MODEL NO.		AHP24								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		600			800			1000		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	29.0	2.2	3.8	30.7	2.0	4.5	32.5	1.8	5.4
	70	28.2	2.6	3.2	29.7	2.3	3.8	31.2	2.0	4.5
	80	27.5	2.9	2.8	28.7	2.6	3.2	29.8	2.3	3.8
47	60	24.0	2.0	3.5	24.6	1.8	3.9	25.3	1.7	4.4
	70	23.1	2.2	3.1	24.0	2.0	3.4	24.9	1.9	3.9
	80	22.1	2.4	2.7	23.4	2.2	3.0	24.6	2.1	3.5
40	60	21.3	1.9	3.3	21.9	1.7	3.7	22.5	1.6	4.2
	70	20.6	2.1	2.9	21.3	1.9	3.2	22.0	1.8	3.6
	80	20.0	2.3	2.5	20.8	2.2	2.8	21.6	2.0	3.1
30	60	17.1	1.9	2.7	18.0	1.7	3.1	19.0	1.6	3.6
	70	16.6	1.9	2.6	17.4	1.8	2.9	18.2	1.6	3.3
	80	16.1	2.0	2.4	16.7	1.8	2.7	17.3	1.7	3.0
17	60	14.1	1.7	2.4	14.5	1.6	2.7	14.9	1.4	3.0
	70	13.8	1.9	2.2	14.2	1.7	2.4	14.6	1.6	2.6
	80	13.4	2.0	1.9	13.9	1.9	2.1	14.4	1.8	2.3
10	60	12.6	1.6	2.3	12.8	1.5	2.5	13.1	1.4	2.8
	70	12.1	1.9	1.9	12.5	1.7	2.1	12.9	1.6	2.3
	80	11.7	2.1	1.6	12.2	2.0	1.8	12.7	1.8	2.0

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

Air Handlers	Coils	MBH	KW	COP
MA08B	FC/MC24B	1.00	1.00	1.00
MA08B	FC/MC30B	1.00	1.00	1.00
MV12B	FC/MC24B	0.98	0.98	1.00
MV12B	FC/MC30B	0.98	0.98	1.00
AHX24	-	1.01	1.09	0.92
AHX30	-	0.98	1.10	0.89
AHX36	-	1.02	1.19	0.86
AV24	-	0.97	0.90	1.07
F*FP30	-	0.99	0.99	1.00
F6FP024	-	1.01	1.09	0.93
F6FP030	-	1.01	1.08	0.94
F6FP036	-	0.98	1.10	0.89
-	FC/MC/PC/UC24	1.00	1.00	1.00
-	FC/MC/PC/UC30	1.00	1.00	1.00
-	HC30	1.00	1.00	1.00
-	HD24	1.00	1.00	1.00

Furnaces	Coils	MBH	KW	COP
T*(8,L)X*A12	FC/MC/PC24A	1.00	1.11	0.90
T*(8,L)X*B12	FC/MC/PC24B	1.02	1.15	0.88
T*9X*B12	FC/MC/PC24B	1.00	1.11	0.90
T*(8,L)X*A12	FC/MC/PC32A	1.00	1.13	0.89
T*(8,L)X*B12	FC/MC/PC35B	0.98	1.13	0.86
T*(8,L)X*C20	FC/MC/PC35C	0.98	1.14	0.86
T*9X*B12	FC/MC/PC35B	1.00	1.13	0.89
T*9X*C16	FC/MC/PC35C	0.97	1.07	0.90
T*9X*C20	FC/MC/PC35C	1.01	1.13	0.89
T*(8,L)X*A12	FC/MC/PC36A	0.98	1.12	0.87
T*(8,L)X*B12	FC/MC/PC36B	0.98	1.13	0.87
T*9X*B12	FC/MC/PC36B	0.98	1.12	0.87

Furnaces	Coils	MBH	KW	COP
T*9X*C16	FC/MC/PC36C	1.00	1.14	0.88
T*9X*C20	FC/MC/PC36C	0.98	1.12	0.87
T*(8,L)X*A12	UC24A	1.00	1.13	0.89
T*(8,L)X*B12	UC24B	1.00	1.13	0.89
T*9X*B12	UC24B	1.00	1.13	0.89
T*(8,L)X*A12	UC36A	0.97	1.07	0.91
T*(8,L)X*B12	UC36B	0.96	1.09	0.88
T*9X*B12	UC36B	0.97	1.07	0.91
T*9X*C16	UC36C	0.97	1.08	0.89
T*9X*C20	UC36C	0.97	1.07	0.91
T*(8,L)X*A12	HD36	0.98	0.90	1.10
T*(8,L)X*B12	HD36	0.95	0.89	1.07
T*9X*B12	HD36	0.98	0.90	1.10
(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	0.98	1.08	0.91
(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	0.98	1.09	0.90
(C*9C/T*9V)*B12	FC/MC/PC24B	0.98	1.08	0.91
(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	0.98	1.08	0.91
(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	0.98	1.09	0.90
(C*9C/T*9V)*B12	FC/MC/PC30B	0.98	1.08	0.91
(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	0.98	1.07	0.92
(C*(8,L)C/T*8V)*A12	HC30	0.98	1.04	0.94
(C*(8,L)C/T*8V)*A12	HD24	0.98	1.04	0.94
(C*(8,L)C/T*8V)*B12	HD24	0.98	1.05	0.93
(C*9C/T*9V)*B12	HD24	0.98	1.04	0.94
(C*(8,L)C/T*8V)*A12	UC24A	0.98	1.09	0.90
(C*(8,L)C/T*8V)*B12	UC24B	0.98	1.10	0.89
(C*9C/T*9V)*B12	UC24B	0.98	1.09	0.90
(C*(8,L)C/T*8V)*A12	UC30A	0.98	1.09	0.90
(C*(8,L)C/T*8V)*B12	UC30B	0.98	1.10	0.89
(C*9C/T*9V)*B12	UC30B	0.98	1.09	0.90

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		HC3B030F1(C)								
INDOOR COIL MODEL NO.		FC/MC/PC/UC36								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		800			1000			1200		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	34.3	2.5	4.0	35.3	2.4	4.4	36.3	2.2	4.8
	70	33.3	2.8	3.5	34.3	2.6	3.8	35.3	2.5	4.2
	80	32.3	3.1	3.1	33.3	2.9	3.4	34.3	2.7	3.7
47	60	29.8	2.4	3.6	30.7	2.3	3.9	31.5	2.2	4.3
	70	29.3	2.7	3.2	30.0	2.6	3.4	30.7	2.4	3.7
	80	28.8	3.0	2.8	29.3	2.8	3.1	29.9	2.6	3.3
40	60	27.7	2.4	3.4	28.6	2.3	3.7	29.5	2.2	4.0
	70	27.1	2.7	3.0	27.9	2.6	3.2	28.7	2.4	3.5
	80	26.6	3.0	2.6	27.2	2.8	2.8	27.8	2.7	3.1
30	60	22.3	2.2	2.9	23.7	2.2	3.2	25.1	2.1	3.5
	70	22.0	2.5	2.6	23.3	2.4	2.9	24.6	2.3	3.1
	80	21.7	2.7	2.4	22.9	2.6	2.6	24.1	2.6	2.8
17	60	17.2	2.2	2.3	18.2	2.1	2.5	19.2	2.1	2.7
	70	17.4	2.4	2.1	18.3	2.4	2.3	19.2	2.3	2.4
	80	17.6	2.7	1.9	18.4	2.6	2.1	19.1	2.5	2.2
10	60	16.4	2.1	2.3	17.2	2.1	2.4	18.0	2.1	2.5
	70	15.9	2.4	2.0	16.7	2.3	2.1	17.5	2.3	2.3
	80	15.4	2.6	1.7	16.2	2.6	1.9	17.0	2.5	2.0

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

Air Handlers	Coils	MBH	KW	COP
MA12B	FC/MC36B	1.00	1.00	1.00
MV12B	FC/MC36B	0.98	0.98	1.00
MV16C	FC/MC36C	0.98	0.98	1.00
AHP30	–	1.00	1.00	1.00
AHP36	–	1.00	1.00	1.00
AHX30	–	0.99	1.05	0.94
AHX36	–	0.98	1.10	0.89
AHX42	–	0.98	1.10	0.89
AHX48	–	0.99	1.13	0.87
AV36	–	0.97	0.91	1.06
F*FP036	–	0.99	0.99	1.00
F6FP030	–	0.99	1.02	0.97
F6FP036	–	0.98	1.04	0.94
F6FP042	–	0.99	1.12	0.89
–	HC36	1.00	1.00	1.00
–	HD36	1.00	1.00	1.00

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Furnaces	Coils	MBH	KW	COP
T*(8,L)X*A12	FC/MC/PC32A	0.98	1.03	0.96
T*(8,L)X*B12	FC/MC/PC35B	0.99	1.07	0.92
T*(8,L)X*C16	FC/MC/PC35C	0.98	1.08	0.91
T*9X*B12	FC/MC/PC35B	0.99	1.07	0.92
T*9X*C16	FC/MC/PC35C	0.98	1.07	0.92
T*(8,L)X*A12	FC/MC/PC36A	0.99	1.04	0.95
T*(8,L)X*B12	FC/MC/PC36B	0.99	1.07	0.93
T*(8,L)X*C16	FC/MC/PC36C	0.99	1.08	0.91
T*9X*B12	FC/MC/PC36B	0.99	1.07	0.93
T*9X*C16	FC/MC/PC36C	0.98	1.07	0.92
T*(8,L)X*A12	FC/MC/PC37A	0.99	1.10	0.90
T*(8,L)X*A12	UC36A	0.99	1.05	0.94
T*(8,L)X*B12	UC36B	0.98	1.05	0.94
T*(8,L)X*C20	UC36C	0.96	1.05	0.92
T*9X*B12	UC36B	0.98	1.05	0.94
T*9X*C16	UC36C	0.98	1.06	0.93
T*(8,L)X*A12	HD36	1.02	0.98	1.04
T*(8,L)X*B12	HD36	1.02	0.98	1.04
T*(8,L)X*C16	HD36	1.01	0.98	1.03
T*9X*B12	HD36	1.02	0.98	1.04
(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	1.00	1.02	0.98
(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	0.99	1.05	0.94
(C*9C/T*9V)*B12	FC/MC/PC35B	0.99	1.03	0.96
(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	0.98	1.06	0.93
(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	0.99	1.07	0.92
(C*9C/T*9V)*C16	FC/MC/PC35C	0.98	1.06	0.93

Furnaces	Coils	MBH	KW	COP
(C*9C/T*9V)*C20	FC/MC/PC35C	0.98	1.06	0.93
(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	0.99	1.04	0.95
(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	0.98	1.05	0.93
(C*9C/T*9V)*B12	FC/MC/PC36B	0.98	1.05	0.94
(C*(8,L)C/T*8V)*C16	FC/MC/PC36C	0.98	1.06	0.92
(C*(8,L)C/T*8V)*C20	FC/MC/PC36C	0.98	1.07	0.92
(C*9C/T*9V)*C16	FC/MC/PC36C	0.98	1.06	0.92
(C*9C/T*9V)*C20	FC/MC/PC36C	0.98	1.06	0.93
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	0.99	1.05	0.95
(C*(8,L)C/T*8V)*A12	HC30	1.00	1.00	1.00
(C*(8,L)C/T*8V)*B12	HC36	0.98	1.04	0.95
(C*9C/T*9V)*B12	HC36	0.99	1.03	0.96
(C*(8,L)C/T*8V)*A12	HD36	0.96	0.88	1.09
(C*(8,L)C/T*8V)*B12	HD36	0.95	0.89	1.07
(C*(8,L)C/T*8V)*C16	HD36	0.95	0.89	1.07
(C*(8,L)C/T*8V)*C20	HD36	1.01	0.96	1.05
(C*9C/T*9V)*B12	HD36	0.96	0.89	1.08
(C*9C/T*9V)*C16	HD36	0.95	0.89	1.07
(C*9C/T*9V)*C20	HD36	0.95	0.89	1.07
(C*(8,L)C/T*8V)*A12	UC36A	0.98	1.02	0.97
(C*(8,L)C/T*8V)*B12	UC36B	0.98	1.03	0.95
(C*9C/T*9V)*B12	UC36B	0.98	1.03	0.96
(C*(8,L)C/T*8V)*C16	UC36C	0.98	1.04	0.94
(C*(8,L)C/T*8V)*C20	UC36C	0.98	1.04	0.94
(C*9C/T*9V)*C16	UC36C	0.98	1.04	0.94
(C*9C/T*9V)*C20	UC36C	0.98	1.03	0.95

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		HC3B036F1(C)								
INDOOR COIL MODEL NO.		FC/MC/PC/UC36								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1000			1200			1400		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	44.8	3.2	4.1	45.7	3.1	4.4	46.5	2.9	4.7
	70	42.6	3.5	3.6	43.6	3.3	3.8	44.5	3.2	4.1
	80	40.5	3.8	3.2	41.5	3.6	3.4	42.6	3.5	3.6
47	60	38.8	3.1	3.6	38.6	3.0	3.8	38.4	2.8	4.1
	70	36.6	3.4	3.2	37.0	3.2	3.4	37.4	3.1	3.6
	80	34.3	3.7	2.8	35.4	3.5	3.0	36.5	3.4	3.2
40	60	35.0	3.1	3.3	35.4	3.0	3.5	35.9	2.8	3.7
	70	33.4	3.4	2.9	33.9	3.3	3.0	34.4	3.1	3.2
	80	31.8	3.7	2.5	32.4	3.6	2.7	33.0	3.4	2.8
30	60	31.7	3.0	3.1	31.7	2.9	3.2	31.7	2.8	3.3
	70	29.9	3.3	2.7	30.1	3.2	2.8	30.3	3.1	2.9
	80	28.0	3.6	2.3	28.5	3.4	2.4	28.9	3.3	2.5
17	60	25.3	2.9	2.5	25.8	2.8	2.7	26.4	2.7	2.8
	70	23.8	3.1	2.2	24.4	3.1	2.3	25.0	3.0	2.4
	80	22.4	3.3	2.0	23.0	3.3	2.0	23.5	3.3	2.1
10	60	18.2	2.8	1.9	19.7	2.7	2.1	21.3	2.6	2.4
	70	19.2	3.1	1.8	19.4	3.0	1.9	19.7	2.9	2.0
	80	20.1	3.4	1.7	19.1	3.3	1.7	18.1	3.2	1.7

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

Air Handlers	Coils	MBH	KW	COP
MA12B	FC/MC36B	1.00	0.97	1.00
MV12B	FC/MC36B	1.00	0.97	1.00
AHP36	–	1.00	1.00	1.00
AHP42	–	1.00	0.97	1.00
AHX36	–	0.98	1.06	0.93
AHX42	–	0.97	1.07	0.91
AHX48	–	0.98	1.08	0.91
AV*36	–	0.98	1.05	0.93
AV/SV*48	–	0.98	1.07	0.92
F*FP036	–	1.00	1.00	1.00
F*FP042	–	1.00	1.00	1.00
F6FP036	–	0.98	1.00	0.98
F6FP042	–	0.99	1.08	0.92
F6FP048	–	0.98	1.09	0.90
F6FP060	–	0.99	1.08	0.91
–	HC36	1.00	0.97	1.00
–	HD36	1.00	0.97	1.00

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Furnaces	Coils	MBH	KW	COP
T*(8,L)X*A12	FC/MC/PC36A	0.98	0.99	0.99
T*(8,L)X*B12	FC/MC/PC36B	0.98	1.01	0.97
T*(8,L)X*C16	FC/MC/PC36C	0.97	1.00	0.96
T*(8,L)X*C20	FC/MC/PC36C	0.98	1.04	0.94
T*9X*B12	FC/MC/PC36B	0.98	1.01	0.98
T*9X*C16	FC/MC/PC36C	0.98	1.03	0.96
T*9X*C20	FC/MC/PC36C	0.97	1.01	0.96
T*(8,L)X*A12	FC/MC/PC37A	0.99	1.06	0.94
T*(8,L)X*B12	FC/MC/PC43B	0.99	1.06	0.94
T*(8,L)X*C16	FC/MC/PC43C	0.97	1.06	0.92
T*(8,L)X*C20	FC/MC/PC43C	0.98	1.08	0.91
T*9X*B12	FC/MC/PC43B	0.99	1.05	0.94
T*9X*C16	FC/MC/PC43C	0.99	1.06	0.93
T*9X*C20	FC/MC/PC43C	0.98	1.05	0.94
T*(8,L)X*A12	UC36A	0.98	0.98	0.99
T*(8,L)X*B12	UC36B	0.98	0.99	0.99
T*(8,L)X*C16	UC36C	0.97	1.02	0.95
T*(8,L)X*C20	UC36C	0.97	1.03	0.94
T*9X*B12	UC36B	0.98	0.99	0.99
T*9X*C16	UC36C	0.97	1.00	0.98
T*9X*C20	UC36C	0.97	1.00	0.97
T*(8,L)X*A12	HD36	0.96	0.91	1.06
T*(8,L)X*B12	HD36	0.96	0.91	1.06
T*9X*B12	HD36	0.96	0.90	1.06
(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	0.99	0.98	1.01
(C*9C/T*9V)*B12	FC/MC/PC35B	0.99	0.98	1.01
(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	0.98	1.01	0.97
(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	0.98	1.02	0.96
(C*9C/T*9V)*C16	FC/MC/PC35C	0.98	1.01	0.98
(C*9C/T*9V)*C20	FC/MC/PC35C	0.99	1.01	0.99
(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	0.99	0.98	1.01
(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	0.98	0.99	1.00
(C*9C/T*9V)*B12	FC/MC/PC36B	0.98	0.99	0.99
(C*(8,L)C/T*8V)*C16	FC/MC/PC36C	0.98	1.01	0.97

Furnaces	Coils	MBH	KW	COP
(C*(8,L)C/T*8V)*C20	FC/MC/PC36C	0.98	1.02	0.96
(C*9C/T*9V)*C16	FC/MC/PC36C	0.98	1.02	0.96
(C*9C/T*9V)*C20	FC/MC/PC36C	0.99	1.02	0.98
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	0.97	0.97	1.00
(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	0.99	1.02	0.98
(C*9C/T*9V)*B12	FC/MC/PC43B	0.99	1.02	0.98
(C*(8,L)C/T*8V)*C16	FC/MC/PC43C	0.98	1.05	0.94
(C*(8,L)C/T*8V)*C20	FC/MC/PC43C	0.98	1.05	0.94
(C*9C/T*9V)*C16	FC/MC/PC43C	0.99	1.03	0.96
(C*9C/T*9V)*C20	FC/MC/PC43C	0.99	1.04	0.95
(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	0.98	1.05	0.93
(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	0.98	1.06	0.92
(C*9C/T*9V)*C16	FC/MC/PC48C	0.99	1.05	0.94
(C*9C/T*9V)*C20	FC/MC/PC48C	1.00	1.05	0.95
(C*(8,L)C/T*8V)*C16	HC42	0.98	1.04	0.94
(C*(8,L)C/T*8V)*C20	HC42	0.98	1.05	0.93
(C*9C/T*9V)*C16	HC42	0.99	1.03	0.97
(C*9C/T*9V)*C20	HC42	0.99	1.04	0.95
(C*(8,L)C/T*8V)*B12	HD48	0.97	0.92	1.05
(C*(8,L)C/T*8V)*C16	HD48	0.96	0.94	1.02
(C*(8,L)C/T*8V)*C20	HD48	0.96	0.95	1.01
(C*9C/T*9V)*B12	HD48	0.97	0.92	1.05
(C*9C/T*9V)*C16	HD48	0.96	0.93	1.03
(C*9C/T*9V)*C20	HD48	0.98	0.95	1.03
(C*(8,L)C/T*8V)*A12	UC36A	0.98	0.96	1.02
(C*(8,L)C/T*8V)*B12	UC36B	0.98	0.97	1.01
(C*9C/T*9V)*B12	UC36B	0.98	0.98	1.00
(C*(8,L)C/T*8V)*C16	UC36C	0.98	1.00	0.98
(C*(8,L)C/T*8V)*C20	UC36C	0.97	1.00	0.97
(C*9C/T*9V)*C16	UC36C	0.98	1.00	0.98
(C*9C/T*9V)*C20	UC36C	0.99	1.00	0.99
(C*(8,L)C/T*8V)*C16	UC48C	0.99	1.09	0.91
(C*(8,L)C/T*8V)*C20	UC48C	0.99	1.10	0.90
(C*9C/T*9V)*C16	UC48C	0.99	1.08	0.92
(C*9C/T*9V)*C20	UC48C	1.01	1.08	0.93

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		HC3B042F1(C)								
INDOOR COIL MODEL NO.		FC/MC/PC/UC48								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1200			1400			1600		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	47.3	2.2	6.3	48.3	2.1	6.7	49.3	2.0	7.2
	70	46.4	2.4	5.6	47.5	2.3	6.0	48.6	2.2	6.4
	80	45.6	2.6	5.0	46.7	2.6	5.4	47.9	2.5	5.7
47	60	44.3	3.9	3.3	45.7	4.0	3.3	47.1	4.1	3.3
	70	42.0	3.4	3.6	43.0	3.4	3.7	44.0	3.5	3.7
	80	39.8	3.0	3.9	40.3	2.9	4.1	40.8	2.8	4.3
40	60	39.9	2.6	4.5	41.6	2.5	4.9	43.3	2.4	5.2
	70	38.3	2.9	3.9	39.8	2.8	4.2	41.3	2.7	4.5
	80	36.8	3.1	3.4	38.0	3.0	3.7	39.3	3.0	3.9
30	60	33.5	2.8	3.5	34.3	2.7	3.7	35.2	2.6	3.9
	70	32.0	3.0	3.1	33.2	3.0	3.3	34.4	2.9	3.5
	80	30.6	3.3	2.7	32.1	3.3	2.9	33.7	3.2	3.1
17	60	29.1	3.0	2.8	29.5	3.0	2.9	29.8	2.9	3.0
	70	28.3	3.4	2.5	28.4	3.3	2.5	28.5	3.2	2.6
	80	27.4	3.7	2.2	27.3	3.6	2.2	27.2	3.5	2.3
10	60	24.1	3.2	2.2	24.9	3.1	2.3	25.8	3.1	2.5
	70	22.6	3.5	1.9	23.1	3.4	2.0	23.6	3.4	2.1
	80	21.2	3.8	1.6	21.3	3.8	1.7	21.3	3.7	1.7

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

Air Handlers	Coils	MBH	KW	COP
MA14D	FC/MC48D	1.00	0.98	1.00
MA16C	FC/MC48C	1.00	0.98	1.00
MV16C	FC/MC48C	1.00	0.98	1.00
MV20D	FC/MC48D	1.00	0.98	1.00
AHP/SHP48	–	1.00	0.98	1.00
AHX42	–	0.98	1.05	0.93
AHX48	–	0.98	1.07	0.92
AHX60	–	0.99	1.07	0.92
AV/SV*48	–	0.90	0.97	0.93
AV/SV*60	–	0.90	0.97	0.93
F6FP042	–	0.99	1.06	0.94
F6FP048	–	0.99	1.09	0.91
F6FP060	–	0.99	1.07	0.92
–	HC48	1.00	0.97	1.00
–	HD48	1.00	0.97	1.00

Furnaces	Coils	MBH	KW	COP
T*(8,L)X*C16	FC/MC/PC48C	0.98	1.05	0.93
T*(8,L)X*C20	FC/MC/PC48C	0.98	1.06	0.93
T*9X*C16	FC/MC/PC48C	0.98	1.03	0.96
T*9X*C20	FC/MC/PC48C	0.98	1.03	0.95
T*9X*D20	FC/MC/PC48D	0.98	1.05	0.93
T*(8,L)X*C16	UC48C	0.98	1.09	0.90

Furnaces	Coils	MBH	KW	COP
T*9X*C16	UC48C	0.99	1.07	0.93
T*9X*C20	UC48C	0.99	1.08	0.92
T*9X*D20	UC48D	0.99	1.08	0.91
T*(8,L)X*C16	HD48	0.96	0.94	1.02
T*(8,L)X*C20	HD48	0.97	0.98	0.99
T*9X*D20	HD48	0.97	0.97	1.00
(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	0.99	1.04	0.95
(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	0.99	1.04	0.95
(C*9C/T*9V)*C16	FC/MC/PC48C	0.99	1.03	0.96
(C*9C/T*9V)*C20	FC/MC/PC48C	0.99	1.03	0.97
(C*9C/T*9V)*D20	FC/MC/PC48D	0.99	1.04	0.96
(C*(8,L)C/T*8V)*B12	HD48	0.97	0.91	1.07
(C*(8,L)C/T*8V)*C16	HD48	0.97	0.94	1.03
(C*(8,L)C/T*8V)*C20	HD48	0.97	0.95	1.02
(C*9C/T*9V)*B12	HD48	0.95	0.86	1.10
(C*9C/T*9V)*C16	HD48	0.97	0.93	1.05
(C*9C/T*9V)*C20	HD48	0.97	0.93	1.05
(C*9C/T*9V)*D20	HD48	0.97	0.94	1.03
(C*(8,L)C/T*8V)*C16	UC48C	1.00	1.07	0.93
(C*(8,L)C/T*8V)*C20	UC48C	0.99	1.07	0.93
(C*9C/T*9V)*C16	UC48C	1.00	1.06	0.94
(C*9C/T*9V)*C20	UC48C	1.00	1.06	0.95
(C*9C/T*9V)*D20	UC48D	1.00	1.06	0.94

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		HC3B048F1(C)								
INDOOR COIL MODEL NO.		FC/MC/PC/UC60								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1400			1600			1800		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	59.1	4.9	3.6	59.6	4.7	3.7	60.2	4.5	3.9
	70	61.4	4.4	4.1	61.9	4.2	4.3	62.4	4.1	4.5
	80	63.7	4.0	4.7	64.1	3.8	4.9	64.6	3.7	5.2
47	60	47.3	3.9	3.6	49.6	3.9	3.7	51.8	3.9	3.9
	70	49.4	4.3	3.3	51.0	4.3	3.5	52.6	4.2	3.7
	80	51.5	4.8	3.2	52.4	4.6	3.3	53.3	4.5	3.5
40	60	48.4	4.0	3.6	49.2	3.8	3.8	49.9	3.7	3.9
	70	44.4	4.3	3.0	45.1	4.2	3.1	45.9	4.1	3.2
	80	40.3	4.6	2.6	41.1	4.6	2.6	41.8	4.6	2.7
30	60	36.4	3.8	2.8	39.7	3.8	3.1	42.9	3.8	3.4
	70	33.4	4.2	2.4	36.5	4.2	2.6	39.6	4.2	2.8
	80	30.5	4.6	2.0	33.4	4.6	2.1	36.3	4.6	2.3
17	60	37.0	4.0	2.7	36.1	3.9	2.7	35.2	3.8	2.7
	70	34.4	4.4	2.3	33.2	4.2	2.3	32.0	4.1	2.3
	80	31.8	4.8	2.0	30.3	4.6	1.9	28.8	4.4	1.9
10	60	32.1	3.9	2.4	31.1	3.8	2.4	30.2	3.8	2.4
	70	28.3	4.3	1.9	28.1	4.2	1.9	28.0	4.2	2.0
	80	24.6	4.7	1.5	25.2	4.6	1.6	25.7	4.6	1.7

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

Air Handlers	Coils	MBH	KW	COP
MA16C	FC60C	1.00	0.96	1.00
MA20D	FC/MC60D	1.00	0.96	1.00
MA20D	MC61D	1.00	0.96	1.00
MV16C	FC/MC60C	1.00	0.94	1.00
MV20D	FC/MC60D	1.00	0.94	1.00
MV20D	MC61D	1.00	0.94	1.00
MV20D	FC64D	1.00	1.09	0.92
AHP/SHP48	–	1.00	0.96	1.00
AHP/SHP60	–	1.00	0.96	1.00
AHX48	–	0.98	1.01	0.97
AHX60	–	0.99	1.02	0.97
AV/SV*48	–	0.98	1.00	0.98
AV/SV*60	–	0.98	1.01	0.97
F*FV060	–	1.00	0.99	1.00
F6FP048	–	0.99	1.04	0.95
F6FP060	–	0.99	1.02	0.98
–	HC60	1.00	0.96	1.00
–	HD60	1.00	0.96	1.00
–	MC61	1.00	0.96	1.00
–	FC64D	1.00	1.04	0.96

Furnaces	Coils	MBH	KW	COP
T*(8,L)X*C16	FC/PC60C	0.98	0.99	0.99
T*(8,L)X*C20	FC/PC60C	0.98	0.99	0.99
T*(8,L)X*C20	FC/MC/PC60D	0.98	0.99	0.99
T*9X*C16	FC/PC60C	0.98	0.99	1.00
T*9X*C20	FC/PC60C	0.98	0.99	0.99
T*9X*D20	FC/MC/PC60D	0.97	1.00	0.97
T*9X*C16	FC/PC60C	0.99	1.01	0.98

Furnaces	Coils	MBH	KW	COP
T*9X*C20	FC/PC60C	0.98	1.02	0.97
T*(8,L)X*C16	FC/MC62D	0.99	1.01	0.97
T*(8,L)X*C20	FC/MC62D	0.98	1.02	0.96
T*9X*C16	FC/MC62D	0.99	1.01	0.98
T*9X*C20	FC/MC62D	0.98	1.02	0.97
T*9X*D20	FC/MC62D	0.99	1.01	0.98
T*(8,L)X*C16	FC64D	1.00	1.07	0.94
T*(8,L)X*C20	FC64D	1.00	1.08	0.93
T*9X*C16	FC64D	1.00	1.07	0.94
T*9X*C20	FC64D	1.00	1.07	0.93
(C*9C/T*9V)*D20	FC/MC/PC60D	0.99	1.00	1.00
(C*9C/T*9V)*D20	FC/MC62D	1.00	1.01	0.98
(C*(8,L)C/T*8V)*C16	FC/PC60C	0.99	1.00	0.99
(C*(8,L)C/T*8V)*C20	FC/PC60C	0.99	1.01	0.97
(C*9C/T*9V)*C16	FC/PC60C	0.99	0.99	1.00
(C*9C/T*9V)*C20	FC/PC60C	0.99	0.99	1.00
(C*(8,L)C/T*8V)*C16	FC64D	1.00	1.06	0.94
(C*(8,L)C/T*8V)*C20	FC64D	1.00	1.07	0.94
(C*9C/T*9V)*C16	FC64D	1.00	1.06	0.95
(C*9C/T*9V)*C20	FC64D	1.00	1.05	0.96
(C*(8,L)C/T*8V)*C16	HD60	0.98	0.94	1.04
(C*(8,L)C/T*8V)*C20	HD60	0.97	0.95	1.03
(C*9C/T*9V)*C16	HD60	0.98	0.93	1.05
(C*9C/T*9V)*C20	HD60	0.98	0.93	1.05
(C*9C/T*9V)*D20	HD60	0.98	0.94	1.05
(C*(8,L)C/T*8V)*C16	UC60C	0.99	1.02	0.98
(C*(8,L)C/T*8V)*C20	UC60C	0.99	1.03	0.96
(C*9C/T*9V)*C16	UC60C	1.00	1.01	0.99
(C*9C/T*9V)*C20	UC60C	1.00	1.01	0.99
(C*9C/T*9V)*D20	UC60D	1.00	1.01	0.98

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		HC3B060F2(C)								
INDOOR COIL MODEL NO.		FC/MC62D								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1650			1900			2150		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	71.5	4.9	4.3	72.1	4.8	4.4	72.7	4.6	4.6
	70	70.3	5.4	3.8	70.9	5.3	3.9	71.5	5.1	4.1
	80	69.2	5.9	3.4	69.8	5.8	3.5	70.3	5.6	3.7
47	60	61.1	4.8	3.8	61.2	4.7	3.8	61.4	4.6	3.9
	70	60.3	5.3	3.4	60.6	5.2	3.4	60.8	5.1	3.5
	80	59.6	5.8	3.0	59.9	5.7	3.1	60.2	5.6	3.2
40	60	53.5	4.7	3.3	50.2	4.6	3.2	47.0	4.6	3.0
	70	53.7	5.3	3.0	52.0	5.1	3.0	50.4	5.0	3.0
	80	53.9	5.9	2.7	53.8	5.6	2.8	53.8	5.4	2.9
30	60	43.9	4.6	2.8	42.5	4.5	2.8	41.1	4.5	2.7
	70	44.0	5.2	2.5	42.6	5.1	2.4	41.1	5.1	2.4
	80	44.2	5.8	2.2	42.7	5.7	2.2	41.2	5.6	2.1
17	60	35.4	4.4	2.4	35.0	4.3	2.4	34.6	4.3	2.4
	70	35.0	4.9	2.1	35.3	4.9	2.1	35.7	4.8	2.2
	80	34.5	5.4	1.9	35.7	5.4	1.9	36.8	5.4	2.0
10	60	30.7	4.4	2.1	28.9	4.3	2.0	27.2	4.3	1.9
	70	30.9	4.9	1.8	30.0	4.9	1.8	29.1	4.9	1.8
	80	31.1	5.5	1.7	31.0	5.4	1.7	31.0	5.4	1.7

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

Air Handlers	Coils	MBH	KW	COP
MA20D	FC/MC62D	1.00	1.00	1.00
MV20D	FC/MC62D	1.00	1.01	0.99
MV20D	FC64D	1.00	1.05	0.96
AHX60	–	1.00	1.02	0.99
F6FP060	–	0.99	1.01	0.98
–	FC64D	1.01	1.03	0.98

Furnaces	Coils	MBH	KW	COP
T*(8,L)X*C20	FC/MC62D	0.98	1.02	0.96
T*9X*C20	FC/MC62D	0.98	0.98	1.00
T*9X*D20	FC/MC62D	0.99	0.97	1.01
T*(8,L)X*C20	FC64D	0.98	1.05	0.94
T*9X*C20	FC64D	0.98	1.03	0.95
T*9X*D20	FC64D	0.99	1.04	0.95
(C*(8,L)C/T*8V)*C20	FC/MC62D	0.98	1.00	0.98
(C*9C/T*9V)*C20	FC/MC62D	0.99	0.99	1.00
(C*9C/T*9V)*D20	FC/MC62D	0.99	0.99	1.00
(C*(8,L)C/T*8V)*C20	FC64D	0.98	1.03	0.95
(C*9C/T*9V)*C20	FC64D	0.99	1.02	0.97
(C*9C/T*9V)*D20	FC64D	0.99	1.02	0.97

