



HEATING & AIR CONDITIONING

TECHNICAL GUIDE**Echelon****SPLIT-SYSTEM HEAT PUMPS****15 SEER – R-410A****MODELS:****HC5B024THRU 060°C****(2 THRU 5 NOMINAL TONS)**

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

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WARRANTY

Standard 5-year limited parts warranty.
10-year limited compressor warranty.
Premium System Warranty - Limited lifetime compressor when matched with an approved Coleman Echelon furnace or UPG air handler and coil.

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 15 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

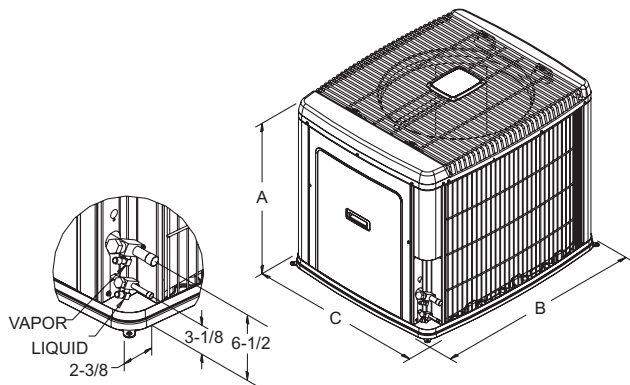
- **Superior Coil Protection** – A PVC coated steel coil guard completely protects coil from debris and other large damaging material while a polymer mesh further protects the coil against smaller particles.
- **Isolated Compressor Compartment** – A molded composite bulkhead isolates the compressor from 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 installability 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.
- **Whisper drive system** - The swept-wing fan, composite base pan, isolated compressor compartment and two-stage compressor are engineered as a system to reduce overall sound to a mere whisper.
- **Complete System Control** – All models utilize the exclusive microprocessor based, on-demand, defrost control system. This system provides optimal comfort, efficiency, and constant monitoring of the entire system for reliable operation. defrost cycles occur only when necessary. an adjustable balance point insures supplemental heat is brought on only when required to meet the space load, for optimum efficiency and reliability.
In the event improper operating conditions occur (high temperature and/or high pressure), the unit will automatically shut down to protect the refrigeration system, and switch to back-up heat. On-board diagnostic LED's guide the technician to the source of the problem, and an output signal from the control to the thermostat will alert the homeowner. The control also features non-volatile memory, which preserves trouble codes in the event of power loss. An anti-short cycle timer extends the life of the compressor by preventing short-cycling.
- **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		HC5B024F1(C)	HC5B036F1(C)	HC5B048F1(C)	HC5B060F1(C)
Unit Supply Voltage		208-230V, 1 ϕ , 60Hz			
Normal Voltage Range ¹		187 to 252			
Minimum Circuit Ampacity		18.6	24.7	27.9	37.9
Max. Overcurrent Device Amps ²		30	40	45	60
Min. Overcurrent Device Amps ³		20	25	30	40
Multi-stage Compressor		Yes	Yes	Yes	Yes
Compressor Type		Scroll	Scroll	Scroll	Scroll
Compressor Amps	Rated Load	13.7	18.6	21.2	29.2
	Locked Rotor	52	82	96	118
Crankcase Heater		No	No	No	No
Fan Motor Amps	Rated Load	1.5	1.5	1.5	1.5
Fan Diameter Inches		22	22	22	22
Fan Motor	Rated HP	1/4	1/4	1/4	1/4
	Nominal RPM	850	850	850	850
	Nominal CFM	3,250	3,300	3,050	3,100
Coil	Face Area Sq. Ft.	17.15	20.58	20.58	20.58
	Rows Deep	1	1	2	2
	Fins / Inch	22	22	22	22
Liquid Line Set OD (Field Installed)		3/8	3/8	3/8	3/8
Vapor Line Set OD (Field Installed)		3/4	3/4	7/8	7/8
Unit Charge (Lbs. - Oz.) ⁴		8 - 14	8 - 8	14 - 8	14 - 0
Charge Per Foot, Oz.		0.62	0.62	0.67	0.75
Operating Weight Lbs.		270	290	310	315

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.



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

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

System Charge for Various Matched Systems				
Outdoor Unit	HC5B024F1(C)	HC5B036F1(C)	HC5B048F1(C)	HC5B060F1(C)
Approved System Thermal Expansion Valve ¹	1TVM4F1	1TVM4F1	1TVM4J1	1TVM4K1
Factory Charge, lbs-oz	8 - 14	8 - 8	14 - 8	14 - 0
Indoor Coil ²	TXV Kit ³ - Additional Charge, Oz			
AV36	12	0	–	–
AV/SV48	–	17	9	–
AV/SV60	–	–	9	9
AHX24	4	–	–	–
AHX30	6	–	–	–
AHX36	–	0	–	–
AHX42	–	14	–	–
AHX48	–	17	9	–
AHX60	–	–	17	16
FC/MC/PC/UC24AB	4	–	–	–
FC/MC/PC/UC30AB	4	–	–	–
FC/MC/PC32A	6	0	–	–
FC/MC/PC35BC	6	0	–	–
FC/MC/PC/UC36ABC	5	–	–	–
FC/MC/PC37A	12	6	–	–
FC/MC/PC/UC42BC	12	6	–	–
FC/MC/PC43C	12	6	–	–
FC/MC/PC/UC48CD	–	14	9	–
FC/MC/PC/UC60CD	–	–	9	9
FC/MC62D	–	–	17	16
FC64D	–	29	19	23
F*FV060	–	–	9	9
HC30	4	–	–	–
HC36	6	–	–	–
HC42	–	12	–	–
HC60	–	–	9	9
HD36	6	–	–	–
HD48	–	10	9	–
HD60	–	–	9	9

FOOTNOTES:

1. Systems matched with furnace or air handlers not equipped with blower-off delays may require blower Time Delay Kit 2FD06700224.
2. PC coils cannot be used in downflow or horizontal applications. FC coils cannot be used in horizontal applications.
3. A TXV kit must be used with these coils to obtain system performance.

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

PROCEDURES:

1. Unit factory charge listed on the unit nameplate includes refrigerant for the condenser, the smallest evaporator and 15 feet of interconnecting line tubing.
2. Verify the TXV and additional charge required for specific evaporator coil in the system using the above table.
3. Additional charge for the amount of interconnecting line tubing greater than 15 feet at the rate specified in the Physical and Electrical Data Table.
4. 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 ¹ MODEL	COOLING					
	MODEL	W		STAGE	RATED CFM	NET MBH	SENSIBLE	SEER	EER
15 SEER HP WITH MV - VARIABLE SPEED									
HC5B024F1(C)	MV12B	17	FC/MC30B	1	620	18.6	13.6	14.25	11.50
				2	800	24.0	18.6		
	MV12B	17	FC/MC35B	1	650	18.1	14.4	15.00	12.00
				2	775	24.0	19.6		
	MV16C	21	FC/MC35C	1	650	18.6	13.6	15.00	12.50
				2	775	24.0	18.6		
	MV12B	17	FC/MC36B	1	620	18.6	13.6	15.00	12.00
				2	800	24.6	18.6		
	MV12B	17	FC/MC42B	1	650	18.1	14.4	15.00	12.00
				2	775	23.6	19.6		
	MV16C	21	FC/MC42C	1	650	18.6	13.6	15.00	12.50
				2	775	24.0	18.6		
HC5B036F1(C)	MV12B	17	FC/MC35B	1	775	24.4	17.2	14.75	11.50
				2	1200	34.0	23.9		
	MV12B	17	FC/MC42B	1	775	24.4	17.2	14.75	11.50
				2	1200	34.0	23.9		
	MV16C	21	FC/MC48C	1	775	25.0	17.5	15.00	12.00
				2	1200	35.4	24.2		
	MV12D	24	FC/MC48D	1	775	24.8	17.5	15.75	12.00
				2	1200	35.4	24.2		
HC5B048F1(C)	MV20D	24	FC/MC60D	1	1000	33.2	23.5	15.50	12.00
				2	1600	46.0	34.4		
	MV20D	24	FC/MC62D	1	1000	33.4	23.7	15.50	12.00
				2	1600	47.0	34.7		
	MV20D	24	FC64D	1	1075	34.4	25.2	16.00	12.50
				2	1630	48.0	36.8		
HC5B060F1(C)	MV20D	24	FC/MC60D	1	1200	38.0	27.0	13.75	11.00
				2	1900	53.0	38.5		
	MV20D	24	FC/MC62D	1	1175	38.0	26.9	14.00	10.40
				2	1800	54.0	38.9		
	MV20D	24	FC64D	1	1160	39.0	27.6	14.25	11.00
				2	1855	54.5	40.0		
15 SEER HP WITH AV / SV / F*FV - VARIABLE SPEED									
HC5B024F1(C)	AV*36	21	-	1	505	18.4	12.8	15.40	12.85
				2	725	24.0	17.4		
HC5B036F1(C)	AV*36	21	-	1	765	24.8	17.5	15.85	12.20
				2	1190	35.6	25.6		
	AV/SV*48	24	-	1	815	25.4	18.3	16.00	12.50
				2	1220	36.0	26.0		
HC5B048F1(C)	AV/SV*48	24	-	1	1055	33.2	23.8	15.50	12.50
				2	1625	46.5	34.6		
	AV/SV*60	24	-	1	995	32.8	23.2	15.50	12.50
				2	1560	46.0	34.0		
	F*FV060	24	-	1	1000	33.2	23.5	15.50	12.15
				2	1600	46.0	32.8		
HC5B060F1(C)	AV/SV*60	24	-	1	1095	38.0	25.6	13.60	10.50
				2	1730	53.0	37.2		
	F*FV060	24	-	1	1200	38.0	27.0	13.75	10.20
				2	1900	53.0	38.5		

For Notes, See Page 5.

COOLING CAPACITY - With Air Handler Coils (Continued)

UNIT MODEL	AIR HANDLER		COIL ¹ MODEL	COOLING					
	MODEL	W		STAGE	RATED CFM	NET MBH	SENSIBLE	SEER	EER
15 SEER HP WITH AHX									
HC5B024F1(C)	AHX24	17	—	1	540	18.1	12.9	15.00	12.50
				2	800	24.0	17.8		
	AHX30	17	—	1	545	18.6	13.2	15.30	12.50
				2	820	24.0	18.1		
HC5B036F1(C)	AHX36	21	—	1	770	24.8	17.5	15.85	12.00
				2	1225	35.6	26.0		
	AHX42	21	—	1	975	26.2	20.2	16.00	12.50
				2	1190	36.0	26.0		
	AHX48	24	—	1	885	25.8	19.4	16.00	12.50
				2	1255	36.0	26.6		
HC5B048F1(C)	AHX48	24	—	1	1070	33.6	24.4	15.20	12.50
				2	1660	46.5	35.4		
	AHX60	24	—	1	1075	33.4	24.2	15.50	12.50
				2	1680	47.0	35.6		
HC5B060F1(C)	AHX60	24	—	1	1075	37.8	25.8	13.75	10.40
				2	1680	53.0	37.4		
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		STAGE	RATED CFM	NET MBH		SEER ¹	EER
						TOTAL	SENS.		
HC5B024F1(C)	450 - 650	14,17,21	FC/MC/PC36	1	600	18.1	13.1	13.30	11.00
	650 - 1150			2	800	23.8	18.0		
HC5B036F1(C)	700 - 1000	21,24	FC/MC/PC48	1	900	25.0	18.2	13.30	11.00
	1000 - 1400			2	1200	34.8	23.8		
HC5B048F1(C)	1000 - 1400	21,24	FC/MC/PC60	1	1200	33.4	24.8	13.50	11.30
	1400 - 1800			2	1600	45.5	33.8		
	1000 - 1400	24	FC64	1	1200	34.2	25.8	14.00	11.75
	1400 - 1800			2	1600	47.0	35.6		
HC5B060F1(C)	1150 - 1550	24	FC/MC62	1	1350	38.0	27.8	13.00	11.00
	1600 - 2000			2	1800	53.5	38.0		
	1150 - 1550	24	FC64	1	1350	39.5	28.8	13.00	11.00
	1600 - 2000			2	1800	54.0	39.0		

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

** Refer to Quick Selection Chart for specific furnace match-up.

COOLING CAPACITY - With High Efficiency Motor Furnaces

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
1 PH 15 SEER HP WITH HIGH EFFICIENCY FURNACES²									
HC5B024F1(C)	T*(8,L)*A12	FC/MC/PC32A	14	1	530	18.4	13.0	15.20	11.90
				2	800	24.0	18.0		
	T*(8,L)*B12	FC/MC/PC35B	17	1	675	19.2	14.7	15.10	12.10
				2	850	24.0	18.3		
	T*9X*B12	FC/MC/PC35B	17	1	620	18.9	14.1	15.40	12.00
				2	785	24.0	17.9		
	T*(8,L)*A12	FC/MC/PC36A	14	1	555	18.7	13.4	15.45	12.20
				2	815	24.0	18.0		
	T*(8,L)*B12	FC/MC/PC36B	17	1	670	19.0	14.7	15.30	12.30
				2	835	24.0	18.1		
	T*9X*B12	FC/MC/PC36B	17	1	600	18.5	13.8	15.70	12.20
				2	775	24.0	17.6		
	T*(8,L)*A12	FC/MC/PC37A	14	1	640	19.4	14.7	15.60	12.10
				2	840	24.0	18.3		
	T*(8,L)*B12	FC/MC/PC43B	17	1	700	19.7	15.3	15.50	12.30
				2	865	24.0	18.5		
	T*9X*B12	FC/MC/PC43B	17	1	645	19.4	14.7	15.60	12.20
				2	800	24.0	18.3		
	T*(8,L)*A12	HC30	14	1	605	18.9	13.7	14.80	11.70
				2	810	24.0	18.3		
	T*(8,L)*B12	HC30	17	1	650	19.0	14.1	15.00	12.00
				2	855	24.0	18.6		
	T*(8,L)*C16	HC30	21	1	690	19.1	14.6	15.50	12.00
				2	730	24.0	17.8		
	T*9X*B12	HC30	17	1	625	18.9	13.7	15.15	11.95
				2	790	24.0	18.3		
	T*9X*C16	HC30	21	1	690	19.1	14.6	15.50	12.00
				2	730	24.0	17.8		
	Y*(8,L)*C*B12	HC30	17	1	515	18.3	12.6	15.00	12.00
				2	760	24.0	18.0		
	Y*(8,L)*C*C16	HC30	21	1	600	18.7	13.6	15.50	12.00
				2	855	24.0	18.6		
Y*9C*B12	HC30	17	1	550	18.5	13.0	15.15	11.95	
			2	815	24.0	18.3			
Y*9C*C16	HC30	21	1	645	18.9	14.0	15.50	12.00	
			2	900	24.0	18.9			
T*(8,L)*A12	HD36	14	1	605	18.4	13.0	14.90	11.70	
			2	815	24.0	18.0			
T*(8,L)*B12	HD36	17	1	655	19.2	14.7	15.10	12.00	
			2	855	24.0	18.3			
T*9X*B12	HD36	17	1	625	18.9	14.1	15.10	12.00	
			2	790	24.0	17.9			
T*(8,L)*A12	UC36A	14	1	555	18.5	13.3	15.10	12.00	
			2	780	24.0	17.8			
T*(8,L)*B12	UC36B	17	1	670	19.1	14.6	15.00	12.20	
			2	835	24.0	18.2			
T*9X*B12	UC36B	17	1	600	18.8	13.8	15.10	12.10	
			2	775	24.0	17.7			
(C*(8,L)/C/T*8V)*A12	FC/MC/PC24A	14	1	590	18.8	13.5	15.20	12.00	
			2	805	24.0	18.2			

For Notes, See Page13.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
1 PH 15 SEER HP WITH HIGH EFFICIENCY FURNACES²									
HC5B024F1(C)	(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	17	1	565	18.3	13.2	15.30	12.20
				2	815	24.0	18.2		
	(C*9C/T*9V)*B12	FC/MC/PC24B	17	1	565	18.3	13.1	15.10	12.00
				2	790	24.0	18.2		
	(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	14	1	590	18.8	13.5	15.20	12.00
				2	805	24.0	18.2		
	(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	17	1	565	18.3	13.2	15.30	12.20
				2	815	24.0	18.2		
	(C*9C/T*9V)*B12	FC/MC/PC30B	17	1	565	18.3	13.1	15.10	12.00
				2	790	24.0	18.2		
	(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	14	1	550	18.5	13.0	15.20	11.90
				2	775	24.0	18.1		
	(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	17	1	515	18.4	12.8	15.10	12.10
				2	760	24.0	18.0		
	(C*9C/T*9V)*B12	FC/MC/PC35B	17	1	550	18.5	13.1	15.40	12.00
				2	815	24.0	18.4		
	(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	14	1	595	18.4	13.5	15.70	12.20
				2	805	24.0	18.1		
	(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	17	1	525	18.5	12.8	15.30	12.30
				2	765	24.0	17.9		
	(C*9C/T*9V)*B12	FC/MC/PC36B	17	1	590	18.4	13.5	15.70	12.20
				2	815	24.0	18.2		
	(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	14	1	585	18.8	13.6	15.60	12.10
				2	805	24.0	18.3		
	(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	17	1	515	18.5	12.8	15.50	12.30
				2	760	24.0	18.0		
	(C*9C/T*9V)*B12	FC/MC/PC43B	17	1	550	18.7	13.2	15.60	12.20
				2	800	24.0	18.3		
	(C*(8,L)C/T*8V)*A12	HC30	14	1	550	18.4	13.0	14.80	11.70
				2	775	24.0	18.0		
	(C*(8,L)C/T*8V)*A12	HD36	14	1	595	18.4	13.0	15.10	11.90
				2	805	24.0	17.9		
(C*(8,L)C/T*8V)*B12	HD36	17	1	515	17.9	12.1	14.90	11.90	
			2	760	24.0	17.6			
(C*9C/T*9V)*B12	HD36	17	1	590	18.4	12.9	15.10	12.00	
			2	815	24.0	17.8			
(C*(8,L)C/T*8V)*A12	UC24A	14	1	590	18.9	13.6	15.20	12.10	
			2	805	24.0	18.2			
(C*(8,L)C/T*8V)*B12	UC24B	17	1	565	18.8	13.4	15.30	12.30	
			2	815	24.0	18.2			
(C*9C/T*9V)*B12	UC24B	17	1	565	18.8	13.4	15.10	12.10	
			2	790	24.0	18.2			
(C*(8,L)C/T*8V)*A12	UC30A	14	1	590	18.9	13.6	15.20	12.10	
			2	805	24.0	18.2			
(C*(8,L)C/T*8V)*B12	UC30B	17	1	565	18.8	13.4	15.30	12.30	
			2	815	24.0	18.3			
(C*9C/T*9V)*B12	UC30B	17	1	565	18.8	13.4	15.10	12.10	
			2	790	24.0	18.1			
(C*(8,L)C/T*8V)*A12	UC36A	14	1	595	18.7	13.5	15.10	12.00	
			2	805	24.0	18.3			

For Notes, See Page13.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
1 PH 15 SEER HP WITH HIGH EFFICIENCY FURNACES²									
HC5B036F1(C)	(C*(8,L)C/T*8V)*B12	UC36B	17	1	525	18.3	12.8	15.00	12.20
				2	765	24.0	18.0		
	(C*9C/T*9V)*B12	UC36B	17	1	590	18.6	13.5	15.10	12.10
				2	815	24.0	18.3		
	T*(8,L)X*A12	FC/MC/PC32A	14	1	735	24.2	16.9	14.40	11.10
				2	1160	34.8	24.6		
	T*(8,L)X*B12	FC/MC/PC35B	17	1	820	24.8	17.9	14.40	11.10
				2	1290	35.4	25.8		
	T*(8,L)X*C16	FC/MC/PC35C	21	1	585	23.0	15.1	14.60	11.60
				2	1105	34.8	24.4		
	T*(8,L)X*C20	FC/MC/PC35C	21	1	750	24.2	17.0	14.70	11.70
				2	1225	35.2	25.4		
	T*9X*B12	FC/MC/PC35B	17	1	760	24.4	17.2	14.30	11.10
				2	1265	35.4	25.6		
	T*9X*C16	FC/MC/PC35C	21	1	675	23.8	16.3	14.50	11.20
				2	1270	35.4	25.8		
	T*9X*C20	FC/MC/PC35C	21	1	790	24.6	17.5	14.50	11.20
				2	1195	35.2	25.2		
	T*(8,L)X*A12	FC/MC/PC37A	14	1	810	25.2	18.1	14.40	11.40
				2	1290	35.8	26.4		
	T*(8,L)X*B12	FC/MC/PC43B	17	1	835	25.2	18.1	14.70	11.30
				2	1300	35.8	26.4		
	T*(8,L)X*C16	FC/MC/PC43C	21	1	615	23.6	15.7	15.00	11.80
				2	1175	35.8	25.6		
	T*(8,L)X*C20	FC/MC/PC43C	21	1	780	25.2	18.1	15.00	12.00
				2	1250	36.0	26.6		
	T*9X*B12	FC/MC/PC43B	17	1	775	25.2	18.1	14.70	11.30
				2	1270	35.8	26.4		
	T*9X*C16	FC/MC/PC43C	21	1	695	24.4	16.7	14.70	11.50
				2	1260	35.6	26.2		
	T*9X*C20	FC/MC/PC43C	21	1	810	25.0	18.0	14.90	11.80
				2	1185	35.4	25.6		
	T*(8,L)X*C16	FC/MC/PC48C	21	1	645	24.2	16.2	15.20	12.00
				2	1185	36.0	26.0		
	T*(8,L)X*C20	FC/MC/PC48C	21	1	810	25.2	18.1	15.00	12.10
				2	1270	36.0	26.4		
	T*9X*C16	FC/MC/PC48C	21	1	720	24.8	17.2	15.00	11.80
				2	1280	36.0	26.6		
	T*9X*C20	FC/MC/PC48C	21	1	830	25.4	18.4	15.00	11.80
				2	1205	36.0	26.0		
	T*(8,L)X*C16	HC42	21	1	650	24.0	16.0	14.75	11.80
				2	1120	35.0	23.6		
T*(8,L)X*C20	HC42	21	1	820	25.2	17.9	15.00	12.00	
			2	1280	35.6	25.0			
T*9X*C16	HC42	21	1	675	24.0	16.0	14.70	11.40	
			2	1130	35.0	23.6			
T*9X*C20	HC42	21	1	760	24.8	17.2	14.85	11.70	
			2	1245	35.4	24.8			
T*(8,L)X*B12	HD48	17	1	825	25.2	18.1	15.20	11.60	
			2	1150	35.8	26.4			

For Notes, See Page13.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
1 PH 15 SEER HP WITH HIGH EFFICIENCY FURNACES²									
HC5B036F1(C)	T*(8,L)X*C16	HD48	21	1	650	24.2	16.2	15.50	11.90
				2	1120	36.0	26.0		
	T*9X*B12	HD48	17	1	760	25.2	18.1	15.00	11.30
				2	1290	35.8	26.4		
	T*9X*C16	HD48	21	1	670	24.8	17.2	15.20	11.80
				2	1320	36.0	26.6		
	T*9X*C20	HD48	21	1	810	25.4	18.4	15.20	11.60
				2	1245	36.0	26.0		
	T*(8,L)X*C16	UC48C	21	1	645	24.2	16.4	15.10	12.00
				2	1185	36.0	26.0		
	T*(8,L)X*C20	UC48C	21	1	810	25.2	18.2	14.90	12.10
				2	1270	36.0	26.6		
	T*9X*C16	UC48C	21	1	720	24.6	17.2	14.90	11.80
				2	1280	36.0	26.6		
	T*9X*C20	UC48C	21	1	830	25.2	18.4	14.80	11.40
				2	1205	36.0	26.0		
	(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	17	1	745	24.0	16.6	14.40	11.10
				2	1220	34.4	23.4		
	(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	21	1	815	24.8	17.4	14.60	11.60
				2	1235	34.6	23.8		
(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	21	1	940	25.2	19.2	14.70	11.70	
			2	1170	34.6	23.4			
(C*9C/T*9V)*B12	FC/MC/PC35B	17	1	810	24.2	17.1	14.30	11.10	
			2	1190	34.2	23.2			
(C*9C/T*9V)*C20	FC/MC/PC35C	21	1	760	24.2	16.8	14.50	11.20	
			2	1295	34.6	24.4			
(C*9C/T*9V)*C16	FC/MC/PC35C	21	1	790	24.4	17.1	14.50	11.50	
			2	1215	34.6	23.8			
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	14	1	655	23.8	15.9	14.40	11.40	
			2	980	33.8	21.6			
(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	17	1	745	24.4	16.8	14.70	11.30	
			2	1210	34.8	23.8			
(C*(8,L)C/T*8V)*C16	FC/MC/PC43C	21	1	800	24.8	17.5	15.00	11.80	
			2	1205	35.0	24.0			
(C*(8,L)C/T*8V)*C20	FC/MC/PC43C	21	1	745	24.4	16.9	15.00	12.00	
			2	1190	35.2	24.0			
(C*9C/T*9V)*C16	FC/MC/PC43C	21	1	815	25.0	17.6	14.70	11.50	
			2	1240	35.0	24.2			
HC5B048F1(C)	T*(8,L)X*C16	FC/PC60C	21	1	1120	33.6	24.4	15.40	11.70
				2	1605	46.0	34.2		
	T*(8,L)X*C20	FC/PC60C	21	1	860	32.0	21.6	15.35	11.90
				2	1595	46.0	34.2		
	T*9X*C16	FC/PC60C	21	1	1085	33.4	24.0	15.20	11.50
				2	1575	46.0	34.0		
	T*9X*C20	FC/PC60C	21	1	1215	34.0	25.4	15.30	11.50
				2	1625	46.5	34.6		
	T*9X*D20	FC/MC/PC60D	24	1	1285	34.4	26.4	15.30	11.60
				2	1490	46.5	33.6		
	T*9X*D20	FC/MC62D	24	1	1240	34.4	26.0	15.30	11.70
				2	1610	46.5	35.0		

For Notes, See Page13.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
1 PH 15 SEER HP WITH HIGH EFFICIENCY FURNACES²									
HC5B048F1(C)	T*(8,L)X*C16	FC64D	21	1	1115	34.6	25.6	15.80	12.25
				2	1610	47.5	36.4		
	T*(8,L)X*C20	FC64D	21	1	835	32.8	22.2	15.70	12.25
				2	1665	48.0	37.0		
	T*9X*C16	FC64D	21	1	1085	34.2	25.2	15.75	12.20
				2	1550	47.5	35.6		
	T*9X*C20	FC64D	21	1	1220	34.2	25.8	15.50	12.00
				2	1595	47.5	36.2		
	T*(8,L)X*C20	HC60	21	1	1255	34.6	26.4	15.50	11.90
				2	1665	47.0	36.0		
	T*9X*D20	HC60	24	1	1240	34.6	26.4	15.20	11.50
				2	1645	47.0	35.8		
	Y*(8,L)C*C20	HC60	21	1	1015	33.4	23.8	15.50	11.90
				2	1605	46.0	35.0		
	T*(8,L)X*C16	HD60	21	1	1115	33.6	24.4	15.30	11.70
				2	1610	46.0	34.2		
	T*(8,L)X*C20	HD60	21	1	835	32.0	21.6	15.35	11.90
				2	1665	46.0	34.2		
	T*9X*C16	HD60	21	1	1085	33.4	24.0	15.10	11.50
				2	1575	46.0	34.0		
	T*9X*C20	HD60	21	1	1220	34.0	25.4	15.30	11.50
				2	1625	46.5	34.6		
	T*9X*D20	HD60	24	1	1240	34.4	26.4	15.20	11.60
				2	1645	46.5	33.6		
	T*(8,L)X*C16	UC60C	21	1	1120	33.2	24.0	15.10	11.70
				2	1605	46.0	34.0		
	T*(8,L)X*C20	UC60C	21	1	860	31.6	21.4	15.10	11.90
				2	1540	46.5	33.8		
	T*9X*C16	UC60C	21	1	1085	33.2	24.0	14.90	11.50
				2	1575	46.0	34.0		
	T*9X*C20	UC60C	21	1	1215	33.6	25.0	15.00	11.50
				2	1625	46.5	34.2		
	T*9X*D20	UC60D	24	1	1275	34.2	26.2	15.00	11.60
				2	1490	46.0	33.4		
	(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	21	1	1035	33.0	23.4	15.30	11.70
				2	1615	46.0	34.2		
	(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	21	1	1080	33.4	24.0	15.30	11.70
				2	1640	46.0	34.2		
	(C*9C/T*9V)*C16	FC/MC/PC48C	21	1	1050	33.2	23.6	15.20	11.40
				2	1590	45.0	33.6		
(C*9C/T*9V)*C20	FC/MC/PC48C	21	1	1055	33.4	23.8	15.30	11.40	
			2	1655	45.0	33.6			
(C*9C/T*9V)*D20	FC/MC/PC48D	24	1	1060	33.4	23.8	15.20	11.60	
			2	1645	46.0	34.2			
(C*(8,L)C/T*8V)*C16	FC/PC60C	21	1	1035	33.2	23.8	15.40	11.70	
			2	1625	46.0	34.4			
(C*(8,L)C/T*8V)*C20	FC/PC60C	21	1	1015	33.2	23.6	15.50	11.90	
			2	1605	46.0	34.6			
(C*9C/T*9V)*C16	FC/PC60C	21	1	1050	33.4	23.8	15.20	11.50	
			2	1590	45.5	34.4			

For Notes, See Page13

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
1 PH 15 SEER HP WITH HIGH EFFICIENCY FURNACES²									
HC5B048F1(C)	(C*9C/T*9V)*C20	FC/PC60C	21	1	1055	33.4	24.0	15.30	11.50
				2	1655	45.5	34.4		
	(C*9C/T*9V)*D20	FC/MC/PC60D	24	1	1070	33.4	24.0	15.30	11.60
				2	1615	45.5	34.4		
	(C*9C/T*9V)*D20	FC/MC62D	24	1	1085	33.4	24.2	15.30	11.70
				2	1630	46.0	34.6		
	(C*(8,L)C/T*8V)*C16	FC64D	21	1	1025	34.0	24.4	15.80	12.25
				2	1635	48.0	36.6		
	(C*(8,L)C/T*8V)*C20	FC64D	21	1	1015	33.8	24.4	15.80	12.25
				2	1615	47.5	36.4		
	(C*9C/T*9V)*C16	FC64D	21	1	1040	34.0	24.6	15.75	12.20
				2	1590	47.5	35.8		
	(C*9C/T*9V)*C20	FC64D	21	1	1040	34.0	24.6	15.75	12.00
				2	1655	47.5	36.4		
	(C*9C/T*9V)*D20	HC60	24	1	1070	33.4	24.0	15.20	11.50
				2	1615	45.0	34.2		
	(C*(8,L)C/T*8V)*C16	HD48	21	1	1035	32.6	23.0	14.90	11.50
				2	1615	45.0	33.4		
	(C*(8,L)C/T*8V)*C20	HD48	21	1	1080	33.2	23.6	14.90	11.50
				2	1640	45.0	33.4		
	(C*9C/T*9V)*C16	HD48	21	1	1050	32.8	23.2	15.00	11.30
				2	1590	44.5	33.0		
	(C*9C/T*9V)*C20	HD48	21	1	1055	32.8	23.2	14.90	11.30
				2	1655	44.5	33.0		
	(C*9C/T*9V)*D20	HD48	24	1	1060	33.0	23.4	15.00	11.40
				2	1645	45.0	33.4		
	(C*(8,L)C/T*8V)*C16	HD60	21	1	1035	33.0	23.4	15.30	11.70
				2	1625	45.5	34.4		
	(C*(8,L)C/T*8V)*C20	HD60	21	1	1015	33.0	23.4	15.40	11.90
				2	1605	46.0	34.6		
	(C*9C/T*9V)*C16	HD60	21	1	1050	33.2	23.6	15.10	11.50
				2	1590	45.5	34.2		
(C*9C/T*9V)*C20	HD60	21	1	1055	33.2	23.6	15.30	11.50	
			2	1655	45.5	34.2			
(C*9C/T*9V)*D20	HD60	24	1	1070	33.2	23.8	15.20	11.60	
			2	1615	45.5	34.4			
(C*(8,L)C/T*8V)*C16	UC48C	21	1	1035	33.2	23.6	15.30	11.50	
			2	1615	45.5	34.0			
(C*(8,L)C/T*8V)*C20	UC48C	21	1	1080	33.4	24.0	15.30	11.50	
			2	1640	45.5	34.0			
(C*9C/T*9V)*C16	UC48C	21	1	1050	32.8	23.6	15.00	11.30	
			2	1540	45.0	33.0			
(C*9C/T*9V)*C20	UC48C	21	1	1055	33.2	23.8	15.10	11.50	
			2	1445	45.0	32.2			
(C*9C/T*9V)*D20	UC48D	24	1	1060	33.4	23.8	15.20	11.50	
			2	1645	45.5	34.0			
(C*(8,L)C/T*8V)*C16	UC60C	21	1	1035	32.8	23.0	15.10	11.70	
			2	1625	45.5	33.6			
(C*(8,L)C/T*8V)*C20	UC60C	21	1	1015	32.8	23.0	15.20	11.90	
			2	1605	45.5	33.8			

For Notes, See Page13.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
1 PH 15 SEER HP WITH HIGH EFFICIENCY FURNACES²									
HC5B048F1(C)	(C*9C/T*9V)*C16	UC60C	21	1	1050	32.8	23.2	14.90	11.50
				2	1590	45.5	33.6		
	(C*9C/T*9V)*C20	UC60C	21	1	1055	32.8	23.2	15.00	11.50
				2	1655	45.5	33.6		
	(C*9C/T*9V)*D20	UC60D	24	1	1070	32.8	23.4	15.00	11.60
				2	1615	45.5	33.6		
HC5B060F1(C)	T*(8,L)*X*C20	FC/PC60C	21	1	860	36.8	23.2	13.45	10.50
				2	1690	53.0	35.8		
	T*9X*C20	FC/PC60C	21	1	1215	38.0	26.6	13.60	10.20
				2	1625	52.5	36.2		
	T*9X*D20	FC/MC/PC60D	24	1	1320	39.0	28.0	13.70	10.30
				2	1730	53.0	37.2		
	T*(8,L)*X*C20	FC/MC/PC60D	21	1	905	36.8	23.8	13.45	10.50
				2	1690	53.0	36.8		
	T*9X*C20	FC/MC/PC60D	21	1	1295	39.0	27.6	13.80	10.20
				2	1645	53.0	36.4		
	T*(8,L)*X*C20	FC/MC62D	21	1	835	36.0	23.2	13.20	10.50
				2	1665	53.5	37.4		
	T*9X*C20	FC/MC62D	21	1	1220	38.5	27.2	13.65	10.20
				2	1595	53.0	36.6		
	T*9X*D20	FC/MC62D	24	1	1240	38.5	27.4	13.70	10.30
				2	1645	53.0	37.0		
	T*(8,L)*X*C20	FC64D	21	1	835	36.8	23.8	13.65	11.00
				2	1665	54.0	38.5		
	T*9X*C20	FC64D	21	1	1220	39.5	28.2	13.80	11.00
				2	1595	53.5	37.6		
	T*9X*D20	FC64D	24	1	1240	39.5	28.4	13.75	11.00
				2	1645	54.0	38.0		
	T*(8,L)*X*C20	HC60	21	1	1255	35.4	26.4	13.40	10.45
				2	1665	53.0	37.2		
	T*9X*D20	HC60	24	1	1240	35.4	26.4	13.70	10.30
				2	1645	53.0	37.0		
	Y*(8,L)*C*C20	HC60	21	1	1015	34.2	23.8	13.40	10.45
				2	1605	52.5	36.4		
	T*(8,L)*X*C20	HD60	21	1	1255	36.8	23.2	13.45	10.50
				2	1665	53.0	35.8		
	T*9X*C20	HD60	21	1	1220	38.0	26.6	13.60	10.20
				2	1625	52.5	36.2		
	T*9X*D20	HD60	24	1	1240	39.0	28.0	13.60	10.30
				2	1645	53.0	37.2		
	T*(8,L)*X*C20	UC60C	21	1	860	36.2	23.0	13.30	10.40
				2	1690	53.0	35.6		
	T*9X*C20	UC60C	21	1	1215	38.0	26.6	13.45	10.10
				2	1625	52.5	36.0		
	T*9X*D20	UC60D	24	1	1320	38.5	27.6	13.50	10.20
				2	1730	53.0	37.0		
	T*(8,L)*X*C20	UC60D	21	1	905	36.2	23.6	13.30	10.65
				2	1690	53.0	36.6		
T*9X*C20	UC60D	21	1	1295	38.5	27.4	13.75	10.60	
			2	1645	52.5	36.2			

For Notes, See Page13.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
1 PH 15 SEER HP WITH HIGH EFFICIENCY FURNACES²									
HC5B060F1(C)	(C*(8,L)C/T*8V)*C20	FC/PC60C	21	1	1015	39.5	26.0	13.80	10.50
				2	1605	53.0	36.6		
	(C*9C/T*9V)*C20	FC/PC60C	21	1	1055	40.0	26.4	13.70	10.20
				2	1655	52.5	36.2		
	(C*(8,L)C/T*8V)*C20	FC/MC/PC60D	21	1	1015	40.0	26.0	13.80	10.50
				2	1605	52.5	36.4		
	(C*9C/T*9V)*C20	FC/MC/PC60D	21	1	1055	40.0	26.0	13.80	10.20
				2	1655	52.0	36.2		
	(C*9C/T*9V)*D20	FC/MC/PC60D	24	1	1070	40.0	26.6	13.70	10.30
				2	1615	52.5	36.4		
	(C*(8,L)C/T*8V)*C20	FC/MC62D	21	1	1015	39.5	26.0	13.80	10.50
				2	1615	53.0	37.0		
	(C*9C/T*9V)*C20	FC/MC62D	21	1	1040	39.5	26.0	13.80	10.20
				2	1655	53.0	36.8		
	(C*9C/T*9V)*D20	FC/MC62D	24	1	1085	40.0	26.8	13.70	10.30
				2	1630	53.0	36.8		
	(C*(8,L)C/T*8V)*C20	FC64D	21	1	1015	38.5	25.8	13.90	11.00
				2	1615	54.0	37.8		
	(C*9C/T*9V)*C20	FC64D	21	1	1040	38.5	26.0	13.80	11.00
				2	1655	53.5	37.8		
	(C*9C/T*9V)*D20	FC64D	24	1	1085	38.5	26.6	13.75	11.00
				2	1630	53.5	37.8		
	(C*9C/T*9V)*D20	HC60	24	1	1070	40.0	26.4	13.70	10.30
				2	1615	52.5	36.4		
	(C*(8,L)C/T*8V)*C20	HD60	21	1	1015	39.5	25.8	13.60	10.50
				2	1605	52.5	36.4		
	(C*9C/T*9V)*C20	HD60	21	1	1055	39.5	26.2	13.60	10.20
				2	1655	52.0	36.6		
	(C*9C/T*9V)*D20	HD60	24	1	1070	39.5	26.2	13.60	10.30
				2	1615	52.5	36.0		
	(C*9C/T*9V)*D20	UC60D	24	1	1070	39.5	25.8	13.50	10.20
				2	1615	52.0	35.6		
(C*(8,L)C/T*8V)*C20	UC60C	21	1	1015	39.0	25.4	13.60	10.40	
			2	1605	52.0	35.8			
(C*9C/T*9V)*C20	UC60C	21	1	1055	39.5	25.8	13.50	10.10	
			2	1655	51.5	35.4			
(C*9C/T*9V)*D20	UC60D	24	1	1070	39.5	26.0	13.50	10.20	
			2	1615	52.0	35.6			

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 CAPACITY - With Air Handler Coils

UNIT MODEL	AIR HANDLER MODEL	COIL ¹ MODEL	ARI HEATING ²					
			STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
					47 OD	17 OD		
15 SEER HP WITH MV - VARIABLE SPEED								
HC5B024F1(C)	MV12B	FC/MC30B	1	620	19.0	–	–	3.30
			2	800	24.0	15.6	8.10	3.36
			2	620	23.2	14.6	8.00	3.12
	MV12B	FC/MC35B	1	620	19.0	–	–	3.30
			2	800	24.0	15.6	8.30	3.36
			2	620	23.2	14.6	8.05	3.12
	MV16C	FC/MC35C	1	620	19.0	–	–	3.30
			2	800	24.0	15.6	8.20	3.36
			2	620	23.2	14.6	8.05	3.12
	MV12B	FC/MC36B	1	620	18.9	–	–	3.30
			2	800	24.0	15.6	8.20	3.36
			2	620	23.2	14.6	8.05	3.12
	MV12B	FC/MC42B	1	650	18.9	–	–	3.30
			2	775	24.0	15.5	8.30	3.36
			2	650	23.0	14.5	8.05	3.12
	MV16C	FC/MC42C	1	650	18.9	–	–	3.30
			2	775	24.0	15.5	8.20	3.36
			2	650	23.0	14.5	8.05	3.12
HC5B036F1(C)	MV12B	FC/MC35B	1	775	23.6	–	–	3.60
			2	1200	32.8	20.6	8.40	3.70
			2	775	29.6	19.7	8.30	3.30
	MV12B	FC/MC42B	1	775	23.6	–	–	3.60
			2	1200	32.8	20.6	8.50	3.70
			2	775	29.6	19.7	8.40	3.30
	MV16C	FC/MC48C	1	775	23.6	–	–	3.60
			2	1200	33.0	20.8	8.50	3.70
			2	775	29.2	19.5	8.40	3.30
MV12D	FC/MC48D	1	775	23.6	–	–	3.60	
		2	1200	33.0	20.8	8.50	3.70	
		2	775	29.2	19.5	8.40	3.30	
HC5B048F1(C)	MV20D	FC/MC60D	1	1000	31.8	–	–	3.60
			2	1600	48.0	27.6	8.80	3.96
			2	1000	45.5	26.8	8.35	3.76
	MV20D	FC/MC62D	1	1000	31.8	–	–	3.62
			2	1600	48.0	28.0	8.50	3.96
			2	1000	45.5	26.6	8.30	3.76
	MV20D	FC64D	1	1075	31.4	–	–	3.80
			2	1630	48.0	27.4	8.50	4.14
			2	1075	45.5	26.4	8.40	4.02
HC5B060F1(C)	MV20D	FC/MC60D	1	1200	37.6	–	–	3.26
			2	1900	54.5	32.4	8.00	3.50
			2	1200	50.0	30	7.90	3.22
	MV20D	FC/MC62D	1	1175	37.6	–	–	3.26
			2	1800	54.5	32.6	8.00	3.50
			2	1175	50.0	29.6	7.85	3.22
	MV20D	FC64D	1	1160	35.0	–	–	3.18
			2	1855	54.5	32.8	8.00	3.50
			2	1160	50.5	29.4	7.60	3.30
15 SEER HP WITH AV / SV / F*FV - VARIABLE SPEED								
HC5B024F1(C)	AV*36	–	1	505	24.0	–	–	3.30
			2	725	24.0	14.4	8.60	3.42
			2	505	22.4	12.6	8.15	2.96

For Notes, See Page 15.

HEATING CAPACITY - With Air Handler Coils (Continued)

UNIT MODEL	AIR HANDLER MODEL	COIL ¹ MODEL	ARI HEATING ²					
			STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
					47 OD	17 OD		
15 SEER HP WITH AV / SV / F*FV - VARIABLE SPEED (Continued)								
HC5B036F1(C)	AV*36	-	1	765	24.0	-	-	3.62
			2	1190	33.6	20.6	8.70	3.70
			2	765	29.7	19.8	8.20	3.28
	AV/SV*48	-	1	815	24.2	-	-	3.60
			2	1220	33.4	20.4	8.80	3.74
			2	815	29.8	19.6	8.70	3.36
HC5B048F1(C)	AV/SV*48	-	1	1055	26.6	-	-	3.06
			2	1625	40.0	22.8	8.80	3.44
			2	1055	39.2	22.4	8.50	3.30
	AV/SV*60	-	1	995	26.6	-	-	3.02
			2	1560	40.0	22.8	8.65	3.44
			2	995	39.1	22.2	8.50	3.26
F2FV060	-	1	1000	31.8	-	-	3.62	
		2	1600	47.5	27.4	8.80	3.96	
		2	1000	45.5	26.6	8.30	3.76	
HC5B060F1(C)	AV/SV*60	-	1	1095	35.4	-	-	2.94
			2	1730	54.0	32.8	8.05	3.32
			2	1095	49.5	30.1	7.90	3.00
	F2FV060	-	1	1200	37.6	-	-	3.26
			2	1900	54.0	32.2	8.00	3.50
			2	1200	50.0	29.8	7.90	3.22
15 SEER HP WITH AHX								
HC5B024F1(C)	AHX24	-	1	540	18.5	-	-	3.14
			2	800	24.0	15.6	8.20	3.30
			2	540	22.7	14.4	8.00	2.90
	AHX30	-	1	545	18.6	-	-	3.22
			2	820	24.0	15.6	8.20	3.30
			2	545	22.8	14.4	8.00	3.00
HC5B036F1(C)	AHX36	-	1	770	23.6	-	-	3.62
			2	1225	33.0	20.4	8.50	3.70
			2	770	30.3	19.2	8.40	3.28
	AHX42	-	1	975	24.2	-	-	3.30
			2	1190	32.8	18.9	8.70	3.40
			2	975	29.6	18.0	8.50	3.36
AHX48	-	1	885	23.8	-	-	3.60	
		2	1255	33.0	18.8	8.70	3.74	
		2	885	31.4	17.5	8.50	3.36	
HC5B048F1(C)	AHX48	-	1	1070	31.8	-	-	3.30
			2	1660	48.0	27.6	8.80	3.44
			2	1070	45.6	26.6	8.30	3.30
	AHX60	-	1	1075	31.6	-	-	3.30
			2	1680	48.0	27.6	8.50	3.44
			2	1075	45.8	26.0	8.30	3.26
HC5B060F1(C)	AHX60	-	1	1075	34.2	-	-	2.96
			2	1680	54.5	32.6	8.00	3.30
			2	1075	59.2	29.6	7.90	3.00

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. 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, Downflow, and Horizontal Furnaces and Coils

UNIT MODEL*	COIL ¹ MODEL	W	ARI HEATING ²					
			STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
					47 OD	17 OD		
HC5B024F1(C)	FC/MC/PC36	14,17,21	1	600	19.2	—	—	2.98
			2	800	24.0	16.0	7.80	3.24
			2	600	23.6	14.9	7.60	3.04
HC5B036F1(C)	FC/MC/PC48	21,24	1	900	24.6	—	—	3.50
			2	1200	33.6	21.4	8.00	3.52
			2	900	30.2	20.0	7.35	3.32
HC5B048F1(C)	FC/MC/PC60	21,24	1	1200	32.8	—	—	3.52
			2	1600	48.0	28.2	8.50	3.84
			2	1200	46.5	27.6	7.25	3.80
	FC64	24	1	1200	32.60	—	—	3.60
			2	1600	48.00	28.00	8.3	3.96
			2	1200	46.86	27.38	7.3	3.76
HC5B060F1(C)	FC/MC62	24	1	1350	40.0	—	—	3.24
			2	1800	57.0	33.4	8.50	3.82
			2	1350	51.5	30.6	7.85	3.26
	FC64	24	1	1350	36.40	—	—	3.10
			2	1800	55.00	33.20	7.7	3.42
			2	1350	51.37	30.54	7.0	3.34

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

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B024F1(C)	T*(8,L)X*A12	FC/MC/PC32A	14	1	530	18.6	—	—	3.02
				2	800	24.0	15.5	8.20	3.30
				2	530	22.7	14.4	7.90	3.02
	T*(8,L)X*B12	FC/MC/PC35B	17	1	675	18.8	—	—	2.96
				2	850	24.0	15.3	8.30	3.32
				2	675	23.1	14.2	7.50	2.90
	T*9X*B12	FC/MC/PC35B	17	1	620	18.7	—	—	3.04
				2	785	24.0	15.5	8.20	3.34
				2	620	22.6	14.3	7.90	3.04
	T*(8,L)X*A12	FC/MC/PC36A	14	1	555	18.7	—	—	3.16
				2	815	24.0	15.5	8.30	3.38
				2	555	22.8	14.4	8.20	3.06
	T*(8,L)X*B12	FC/MC/PC36B	17	1	670	18.9	—	—	3.36
				2	835	24.0	15.5	8.40	3.36
				2	670	23.1	14.3	8.20	3.04
	T*9X*B12	FC/MC/PC36B	17	1	600	18.8	—	—	3.14
				2	775	24.0	15.5	8.30	3.40
				2	600	22.9	14.4	7.60	3.10
	T*(8,L)X*A12	FC/MC/PC37A	14	1	640	18.5	—	—	3.14
				2	840	24.0	15.3	8.90	3.56
				2	640	23.1	14.0	8.10	3.16

For Notes, See Page 28.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B024F1(C)	T*(8,L)X*B12	FC/MC/PC43B	17	1	700	18.8	–	–	3.04
				2	865	24.0	15.3	8.40	3.40
				2	700	22.8	14.0	7.90	3.00
	T*9X*B12	FC/MC/PC43B	17	1	645	18.5	–	–	3.10
				2	800	24.0	15.4	8.30	3.42
				2	645	23.1	14.0	7.60	3.04
	T*(8,L)X*A12	HC30	14	1	605	18.3	–	–	2.96
				2	810	23.6	15.2	8.35	3.34
				2	605	23.4	14.2	8.00	2.96
	T*(8,L)X*B12	HC30	17	1	650	18.4	–	–	2.94
				2	855	23.6	15.2	8.25	3.26
				2	650	22.8	14.2	7.45	2.90
	T*(8,L)X*C16	HC30	21	1	690	18.5	–	–	2.94
				2	730	23.2	15.2	8.25	3.24
				2	690	22.8	14.2	7.85	2.90
	T*9X*B12	HC30	17	1	625	18.3	–	–	3.00
				2	790	23.6	15.2	8.10	3.26
				2	625	23.4	14.2	7.70	2.94
	T*9X*C16	HC30	21	1	690	18.6	–	–	3.00
				2	730	23.2	15.2	8.10	3.24
				2	690	22.8	14.2	7.90	3.00
	T*(8,L)X*A12	HD36	14	1	605	18.6	–	–	2.48
				2	815	24.0	15.5	8.40	2.84
				2	605	22.7	14.4	7.60	2.40
	T*(8,L)X*B12	HD36	17	1	655	18.8	–	–	2.20
				2	855	24.0	15.3	8.40	2.76
				2	655	23.1	14.2	7.80	2.28
	T*9X*B12	HD36	17	1	625	18.7	–	–	2.42
				2	790	24.0	15.5	8.40	2.86
				2	625	22.6	14.3	7.60	2.38
	T*(8,L)X*A12	UC36A	14	1	555	17.0	–	–	2.66
				2	780	24.0	14.7	8.20	3.28
				2	555	22.8	13.4	7.90	3.10
	T*(8,L)X*B12	UC36B	17	1	670	17.3	–	–	2.90
				2	835	24.0	14.7	8.30	3.28
				2	670	23.0	13.6	7.90	2.94
	T*9X*B12	UC36B	17	1	600	17.0	–	–	2.66
				2	775	24.0	14.6	8.20	3.30
				2	600	22.9	13.7	7.90	3.12
	(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	14	1	590	18.7	–	–	3.10
				2	805	23.8	15.5	8.30	3.34
				2	590	23.0	14.5	8.00	3.09
(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	17	1	565	18.6	–	–	3.14	
			2	815	23.8	15.5	8.30	3.36	
			2	565	22.9	14.4	8.00	3.11	
(C*9C/T*9V)*B12	FC/MC/PC24B	17	1	565	18.7	–	–	3.12	
			2	790	23.8	15.6	8.20	3.34	
			2	565	23.0	14.4	8.00	3.10	
(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	14	1	590	18.7	–	–	3.10	
			2	805	23.8	15.5	8.30	3.34	
			2	590	23.0	14.5	8.00	3.09	
(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	17	1	565	18.6	–	–	3.14	
			2	815	23.8	15.5	8.30	3.36	
			2	565	22.9	14.4	8.00	3.11	

For Notes, See Page 28.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B024F1(C)	(C*9C/T*9V)*B12	FC/MC/PC30B	17	1	565	18.7	–	–	3.12
				2	790	23.8	15.6	8.20	3.34
				2	565	23.0	14.4	8.00	3.10
	(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	14	1	550	18.0	–	–	3.02
				2	775	24.0	15.4	8.20	3.30
				2	550	22.2	14.1	7.90	3.03
	(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	17	1	515	17.7	–	–	2.96
				2	760	23.8	15.1	8.30	3.32
				2	515	21.2	14.1	7.50	2.90
	(C*9C/T*9V)*B12	FC/MC/PC35B	17	1	550	18.3	–	–	3.04
				2	815	24.0	15.5	8.20	3.34
				2	550	22.2	14.6	7.90	3.04
	(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	14	1	595	18.7	–	–	3.16
				2	805	24.0	15.6	8.30	3.38
				2	595	22.7	14.6	8.20	3.16
	(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	17	1	525	18.5	–	–	3.06
				2	765	23.8	15.4	8.40	3.36
				2	525	22.4	14.3	8.20	3.04
	(C*9C/T*9V)*B12	FC/MC/PC36B	17	1	590	18.2	–	–	3.14
				2	815	24.0	15.2	8.30	3.40
				2	590	21.5	14.2	7.60	3.10
	(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	14	1	585	18.8	–	–	3.14
				2	805	25.6	15.6	8.90	3.56
				2	585	22.8	14.4	8.10	3.17
	(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	17	1	515	18.5	–	–	3.04
				2	760	23.8	15.4	8.40	3.40
				2	515	23.3	14.4	7.90	3.00
	(C*9C/T*9V)*B12	FC/MC/PC43B	17	1	550	18.6	–	–	3.10
				2	800	24.0	15.5	8.30	3.42
				2	550	21.4	14.4	7.60	3.04
	(C*(8,L)C/T*8V)*B12	HC30	17	1	515	18.5	–	–	2.94
				2	760	24.0	15.5	8.25	3.26
				2	515	23.4	14.5	7.45	2.90
	(C*(8,L)C/T*8V)*C16	HC30	21	1	600	18.4	–	–	2.94
				2	855	23.8	15.3	8.25	3.30
				2	600	22.8	14.3	7.85	2.90
	(C*9C/T*9V)*B12	HC30	17	1	550	18.4	–	–	3.00
				2	815	23.8	15.4	8.10	3.26
				2	550	22.8	14.4	7.70	2.94
	(C*9C/T*9V)*C16	HC30	21	1	645	18.6	–	–	3.00
				2	900	24.0	15.4	8.10	3.30
				2	645	23.0	14.4	7.90	3.00
(C*(8,L)C/T*8V)*A12	HC30	14	1	550	18.6	–	–	2.96	
			2	775	25.4	15.3	8.90	3.36	
			2	550	22.5	14.6	8.00	2.96	
(C*(8,L)C/T*8V)*A12	HD36	14	1	595	16.8	–	–	2.48	
			2	805	24.2	14.1	8.40	2.84	
			2	595	21.5	14.3	7.60	2.40	
(C*(8,L)C/T*8V)*B12	HD36	17	1	515	16.8	–	–	2.20	
			2	760	24.0	15.1	8.40	2.76	
			2	515	21.8	14.4	7.80	2.27	
(C*9C/T*9V)*B12	HD36	17	1	590	17.1	–	–	2.42	
			2	815	24.2	15.0	8.40	2.86	
			2	590	21.5	15.8	7.60	2.39	

For Notes, See Page 28.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B024F1(C)	(C*(8,L)C/T*8V)*A12	UC24A	14	1	590	18.7	–	–	3.14
				2	805	24.0	15.3	8.30	3.36
				2	590	21.5	14.4	7.50	3.08
	(C*(8,L)C/T*8V)*B12	UC24B	17	1	565	18.7	–	–	3.16
				2	815	23.8	15.2	8.40	3.40
				2	565	21.4	14.3	7.70	3.11
	(C*9C/T*9V)*B12	UC24B	17	1	565	18.7	–	–	3.16
				2	790	24.0	15.3	8.30	3.36
				2	565	21.5	14.4	7.60	3.09
	(C*(8,L)C/T*8V)*A12	UC30A	14	1	590	18.7	–	–	3.14
				2	805	24.0	15.3	8.30	3.36
				2	590	21.5	14.4	7.50	3.08
	(C*(8,L)C/T*8V)*B12	UC30B	17	1	565	18.6	–	–	3.12
				2	815	23.8	15.5	8.40	3.40
				2	565	21.4	14.3	7.60	3.05
	(C*9C/T*9V)*B12	UC30B	17	1	565	18.7	–	–	3.10
				2	790	24.0	15.5	8.30	3.34
				2	565	21.4	14.4	7.60	3.04
	(C*(8,L)C/T*8V)*A12	UC36A	14	1	595	16.3	–	–	2.66
				2	805	23.8	14.1	8.20	3.28
				2	595	22.2	13.2	7.90	3.11
	(C*(8,L)C/T*8V)*B12	UC36B	17	1	525	17.7	–	–	2.90
				2	765	23.6	14.4	8.30	3.28
				2	525	23.2	13.5	7.90	2.95
(C*9C/T*9V)*B12	UC36B	17	1	590	16.3	–	–	2.66	
			2	815	23.8	14.1	8.20	3.30	
			2	590	22.2	13.2	7.90	3.12	
HC5B036F1(C)	T*(8,L)X*A12	FC/MC/PC32A	14	1	735	23.4	–	–	3.44
				2	1160	33.0	20.6	8.10	3.48
				2	735	28.9	19.2	7.80	3.14
	T*(8,L)X*B12	FC/MC/PC35B	17	1	820	23.6	–	–	3.44
				2	1290	33.2	20.6	8.10	3.48
				2	820	29.1	19.2	7.80	3.22
	T*(8,L)X*C16	FC/MC/PC35C	21	1	585	23.0	–	–	3.54
				2	1105	32.4	20.2	8.30	3.56
				2	585	28.3	19.0	8.00	3.24
	T*(8,L)X*C20	FC/MC/PC35C	21	1	750	23.4	–	–	3.48
				2	1225	32.8	20.4	8.40	3.54
				2	750	30.2	19.3	8.10	3.24
	T*9X*B12	FC/MC/PC35B	17	1	760	23.4	–	–	3.46
				2	1265	33.0	20.6	8.30	3.46
				2	760	30.2	19.2	8.00	3.20
	T*9X*C16	FC/MC/PC35C	21	1	675	23.2	–	–	3.38
				2	1270	33.0	20.4	8.30	3.56
				2	675	28.6	19.1	7.80	3.04
	T*9X*C20	FC/MC/PC35C	21	1	790	23.6	–	–	3.46
				2	1195	32.8	20.4	8.20	3.56
				2	790	29.0	19.3	7.70	3.16
	T*(8,L)X*A12	FC/MC/PC37A	14	1	810	23.6	–	–	3.38
				2	1290	33.4	20.6	8.30	3.44
				2	810	30.5	19.3	7.80	3.06
T*(8,L)X*B12	FC/MC/PC43B	17	1	835	23.6	–	–	3.52	
			2	1300	33.4	20.6	8.20	3.58	
			2	835	30.5	19.3	7.90	3.32	

For Notes, See Page 28.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B036F1(C)	T*(8,L)X*C16	FC/MC/PC43C	21	1	615	23.0	–	–	3.34
				2	1175	32.8	20.2	8.50	3.68
				2	615	29.8	19.1	7.95	3.08
	T*(8,L)X*C20	FC/MC/PC43C	21	1	780	23.8	–	–	3.56
				2	1250	33.0	20.4	8.50	3.72
				2	780	30.5	19.3	8.10	3.34
	T*9X*B12	FC/MC/PC43B	17	1	775	23.6	–	–	3.60
				2	1270	33.4	20.6	8.20	3.62
				2	775	30.5	19.3	7.90	3.32
	T*9X*C16	FC/MC/PC43C	21	1	695	23.4	–	–	3.52
				2	1260	33.2	20.6	8.30	3.64
				2	695	30.0	19.2	8.00	3.26
	T*9X*C20	FC/MC/PC43C	21	1	810	23.8	–	–	3.66
				2	1185	33.0	20.4	8.40	3.70
				2	810	30.5	19.3	8.10	3.34
	T*(8,L)X*C16	FC/MC/PC48C	21	1	645	23.2	–	–	3.40
				2	1185	32.8	20.2	8.50	3.72
				2	645	28.6	19.3	8.10	3.06
	T*(8,L)X*C20	FC/MC/PC48C	21	1	810	23.8	–	–	3.52
				2	1270	33.0	20.2	8.60	3.70
				2	810	29.2	19.3	8.20	3.20
	T*9X*C16	FC/MC/PC48C	21	1	720	23.4	–	–	3.56
				2	1280	33.2	20.4	8.40	3.66
				2	720	28.9	19.2	7.95	3.22
	T*9X*C20	FC/MC/PC48C	21	1	830	23.8	–	–	3.54
				2	1205	33.0	20.4	8.30	3.70
				2	830	29.3	19.4	7.80	3.24
	T*(8,L)X*C16	HC42	21	1	650	23.0	–	–	3.42
				2	1120	32.8	20.4	8.50	3.68
				2	650	29.6	19.0	8.10	3.18
	T*(8,L)X*C20	HC42	21	1	820	23.6	–	–	3.56
				2	1280	33.0	20.6	8.50	3.72
				2	820	30.6	19.2	8.10	3.35
	T*9X*C16	HC42	21	1	675	23.0	–	–	3.42
				2	1130	32.8	20.4	8.30	3.62
				2	675	29.6	19.0	8.00	3.16
	T*9X*C20	HC42	21	1	760	23.4	–	–	3.58
				2	1245	33.0	20.6	8.40	3.68
				2	760	30.4	19.2	8.10	3.33
	T*(8,L)X*B12	HD48	17	1	825	23.6	–	–	3.04
				2	1150	33.4	20.6	8.10	3.28
				2	825	30.5	19.3	8.00	2.72
T*(8,L)X*C16	HD48	21	1	650	23.2	–	–	3.16	
			2	1120	32.8	20.2	8.30	3.34	
			2	650	28.6	19.3	8.10	2.82	
T*9X*B12	HD48	17	1	760	23.6	–	–	2.96	
			2	1290	33.4	20.6	8.00	3.22	
			2	760	30.5	19.3	7.90	2.64	
T*9X*C16	HD48	21	1	670	23.4	–	–	3.16	
			2	1320	33.2	20.4	8.20	3.32	
			2	670	28.9	19.2	8.10	2.80	
T*9X*C20	HD48	21	1	810	23.8	–	–	3.02	
			2	1245	33.0	20.4	8.10	3.38	
			2	810	29.3	19.4	8.00	2.70	

For Notes, See Page 28.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B036F1(C)	T*(8,L)X*C16	UC48C	21	1	645	23.8	-	-	3.60
				2	1185	33.0	20.0	8.60	3.82
				2	645	31.5	19.5	8.25	3.36
	T*(8,L)X*C20	UC48C	21	1	810	24.4	-	-	3.72
				2	1270	33.2	20.2	8.60	3.82
				2	810	32.0	19.4	8.30	3.50
	T*9X*C16	UC48C	21	1	720	24.0	-	-	3.76
				2	1280	33.4	20.4	8.50	3.80
				2	720	31.7	19.4	8.20	3.50
	T*9X*C20	UC48C	21	1	830	24.2	-	-	3.74
				2	1205	33.2	20.2	8.40	3.78
				2	830	29.6	19.4	8.10	3.54
	(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	17	1	745	23.4	-	-	3.44
				2	1220	33.2	20.8	8.10	3.48
				2	745	30.2	19.3	7.80	3.23
	(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	21	1	815	23.8	-	-	3.54
				2	1235	33.0	21.0	8.30	3.56
				2	815	29.2	19.5	8.00	3.25
	(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	21	1	940	24.2	-	-	3.54
				2	1170	32.8	20.4	8.40	3.54
				2	940	29.8	19.6	8.10	3.45
	(C*9C/T*9V)*B12	FC/MC/PC35B	17	1	810	24.2	-	-	3.46
				2	1190	33.8	21.4	8.30	3.46
				2	810	29.8	19.9	8.00	3.21
	(C*9C/T*9V)*C20	FC/MC/PC35C	21	1	760	23.6	-	-	3.46
				2	1295	33.4	21.2	8.20	3.56
				2	760	29.0	19.6	7.70	3.16
	(C*9C/T*9V)*C16	FC/MC/PC35C	21	1	790	23.8	-	-	3.56
				2	1215	33.0	21.0	8.30	3.56
				2	790	29.2	19.5	8.00	3.26
	(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	14	1	655	23.4	-	-	3.38
				2	980	32.8	20.8	8.30	3.44
				2	655	28.8	19.4	7.80	3.06
	(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	17	1	745	23.6	-	-	3.52
				2	1210	33.4	21.2	8.20	3.58
				2	745	30.4	19.4	7.90	3.32
	(C*(8,L)C/T*8V)*C16	FC/MC/PC43C	21	1	800	23.6	-	-	3.62
				2	1205	33.2	20.6	8.50	3.68
				2	800	30.5	18.7	8.20	3.43
	(C*(8,L)C/T*8V)*C20	FC/MC/PC43C	21	1	745	23.4	-	-	3.56
				2	1190	33.0	20.8	8.50	3.72
				2	745	30.3	19.4	8.10	3.35
(C*9C/T*9V)*C16	FC/MC/PC43C	21	1	815	23.8	-	-	3.62	
			2	1240	33.4	20.8	8.30	3.64	
			2	815	29.4	19.0	8.00	3.33	
(C*9C/T*9V)*C20	FC/MC/PC43C	21	1	780	23.6	-	-	3.66	
			2	1200	33.2	20.6	8.40	3.70	
			2	780	29.3	19.0	8.10	3.35	
(C*9C/T*9V)*B12	FC/MC/PC43B	17	1	815	23.8	-	-	3.60	
			2	1200	33.6	20.8	8.20	3.62	
			2	815	29.4	19.0	7.90	3.33	
(C*9C/T*9V)*C20	FC/MC/PC48C	21	1	745	23.6	-	-	3.54	
			2	1330	33.6	20.8	8.30	3.70	
			2	745	29.1	19.3	7.80	3.24	

For Notes, See Page 28.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B036F1(C)	(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	21	1	810	23.6	–	–	3.66
				2	1210	33.0	20.6	8.50	3.72
				2	810	29.3	18.9	8.10	3.35
	(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	21	1	720	23.4	–	–	3.52
				2	1155	32.8	20.4	8.60	3.70
				2	720	29.0	19.3	8.20	3.21
	(C*9C/T*9V)*C16	FC/MC/PC48C	21	1	780	23.6	–	–	3.60
				2	1195	33.2	20.6	8.40	3.66
				2	780	29.2	19.4	8.00	3.30
	(C*(8,L)C/T*8V)*C16	HC42	21	1	800	23.8	–	–	3.62
				2	1205	33.2	20.8	8.50	3.68
				2	800	29.3	18.7	8.10	3.32
	(C*(8,L)C/T*8V)*C20	HC42	21	1	745	23.4	–	–	3.56
				2	1190	33.0	20.8	8.50	3.72
				2	745	30.3	19.4	8.10	3.35
	(C*9C/T*9V)*C16	HC42	21	1	815	23.8	–	–	3.60
				2	1240	33.4	21.0	8.30	3.62
				2	815	29.3	18.8	8.00	3.31
	(C*9C/T*9V)*C20	HC42	21	1	780	23.8	–	–	3.64
				2	1200	33.2	21.0	8.40	3.68
				2	780	29.3	18.7	8.10	3.33
	(C*(8,L)C/T*8V)*B12	HD48	17	1	750	22.8	–	–	3.04
				2	1210	32.6	20.6	8.10	3.28
				2	750	28.2	18.4	8.00	2.73
	(C*(8,L)C/T*8V)*C20	HD48	21	1	720	22.8	–	–	2.98
				2	1155	32.2	20.4	8.30	3.30
				2	720	27.7	18.3	8.00	2.66
	(C*9C/T*9V)*B12	HD48	17	1	710	22.8	–	–	2.96
				2	1150	32.6	20.8	8.00	3.22
				2	710	28.0	18.3	7.90	2.65
	(C*(8,L)C/T*8V)*C16	HD48	21	1	810	22.8	–	–	3.16
				2	1210	32.4	20.2	8.30	3.34
				2	810	28.3	18.3	8.10	2.83
	(C*9C/T*9V)*C16	HD48	21	1	780	22.8	–	–	3.16
				2	1195	32.4	20.4	8.20	3.32
				2	780	28.3	18.3	8.10	2.83
	(C*9C/T*9V)*C20	HD48	21	1	745	22.8	–	–	3.02
				2	1325	33.0	21.0	8.10	3.38
				2	745	27.9	18.4	8.00	2.71
	(C*(8,L)C/T*8V)*C16	UC48C	21	1	810	24.4	–	–	3.82
				2	1210	33.4	20.6	8.60	3.82
				2	810	29.5	19.0	8.30	3.51
(C*9C/T*9V)*C16	UC48C	21	1	780	24.4	–	–	3.80	
			2	1195	33.4	20.8	8.50	3.80	
			2	780	29.6	19.0	8.20	3.51	
(C*(8,L)C/T*8V)*C20	UC48C	21	1	720	24.2	–	–	3.72	
			2	1155	33.2	20.4	8.60	3.82	
			2	720	31.7	19.4	8.30	3.50	
(C*9C/T*9V)*C20	UC48C	21	1	755	24.4	–	–	3.74	
			2	1315	33.8	21.0	8.40	3.78	
			2	755	31.9	19.6	8.10	3.54	

For Notes, See Page 28.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B048F1(C)	T*(8,L)X*C16	FC/PC60C	21	1	1120	32.0	–	–	3.62
				2	1605	48.0	27.8	8.40	3.92
				2	1120	45.7	26.7	8.25	3.78
	T*(8,L)X*C20	FC/PC60C	21	1	860	31.4	–	–	3.44
				2	1595	48.0	27.6	8.45	3.92
				2	860	44.7	26.6	8.00	3.54
	T*9X*C16	FC/PC60C	21	1	1085	32.0	–	–	3.58
				2	1575	48.0	27.8	8.40	3.90
				2	1085	45.6	26.7	8.20	3.76
	T*9X*C20	FC/PC60C	21	1	1215	32.2	–	–	3.60
				2	1625	48.0	27.6	8.45	3.90
				2	1215	46.3	26.9	8.15	3.78
	T*9X*D20	FC/MC/PC60D	24	1	1285	32.2	–	–	3.60
				2	1490	47.5	27.2	8.55	3.92
				2	1285	46.0	26.9	8.20	3.76
	T*9X*D20	FC/MC62D	24	1	1240	31.8	–	–	3.66
				2	1610	48.0	27.4	8.45	3.96
				2	1240	46.1	26.3	8.15	3.88
	T*(8,L)X*C16	FC64D	21	1	1115	31.6	–	–	3.70
				2	1610	48.0	27.6	8.40	4.06
				2	1115	46.0	26.6	8.25	3.88
	T*(8,L)X*C20	FC64D	21	1	835	31.0	–	–	3.52
				2	1665	48.0	27.4	8.50	4.06
				2	835	44.5	26.4	8.25	3.64
	T*9X*C16	FC64D	21	1	1085	31.6	–	–	3.68
				2	1550	48.0	27.6	8.35	4.00
				2	1085	45.5	26.6	8.15	3.92
	T*9X*C20	FC64D	21	1	1220	32.0	–	–	3.70
				2	1595	48.0	27.6	8.45	4.00
				2	1220	46.0	26.6	8.10	3.92
	T*(8,L)X*C20	HC60	21	1	1255	32.4	–	–	3.64
				2	1665	48.0	27.6	8.80	3.98
				2	1255	46.5	27.0	8.30	3.80
	T*9X*D20	HC60	24	1	1240	32.4	–	–	3.78
				2	1645	48.0	27.6	8.80	4.00
				2	1240	46.5	27.0	8.30	3.90
	T*(8,L)X*C16	HD60	21	1	1115	32.0	–	–	3.32
				2	1610	48.0	27.8	8.40	3.70
				2	1115	45.7	26.7	8.00	3.40
	T*(8,L)X*C20	HD60	21	1	835	31.4	–	–	3.34
				2	1665	48.0	27.6	8.45	3.74
				2	835	44.7	26.6	8.00	3.42
T*9X*C16	HD60	21	1	1085	32.0	–	–	3.30	
			2	1575	48.0	27.8	8.40	3.68	
			2	1085	45.6	26.7	7.90	3.40	
T*9X*C20	HD60	21	1	1220	32.2	–	–	3.30	
			2	1625	48.0	27.6	8.45	3.68	
			2	1220	46.3	26.9	8.00	3.40	
T*9X*D20	HD60	24	1	1240	32.2	–	–	3.30	
			2	1645	47.5	27.2	8.55	3.70	
			2	1240	46.0	26.9	7.90	3.40	
T*(8,L)X*C16	UC60C	21	1	1120	32.2	–	–	3.70	
			2	1605	48.0	27.6	8.50	3.98	
			2	1120	46.6	26.8	8.30	3.82	

For Notes, See Page 28.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B048F1(C)	T*(8,L)X*C20	UC60C	21	1	860	32.0	–	–	3.58
				2	1540	47.5	27.0	8.65	4.04
				2	860	46.3	26.6	8.25	3.72
	T*9X*C16	UC60C	21	1	1085	32.2	–	–	3.66
				2	1575	48.0	27.6	8.45	3.96
				2	1085	46.6	26.8	8.30	3.80
	T*9X*C20	UC60C	21	1	1215	32.4	–	–	3.68
				2	1625	48.0	27.4	8.50	3.96
				2	1215	47.0	26.9	8.30	3.80
	T*9X*D20	UC60D	24	1	1275	32.2	–	–	3.68
				2	1490	47.5	27.0	8.65	3.98
				2	1275	46.7	26.6	8.40	3.80
	(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	21	1	1035	31.4	–	–	3.58
				2	1615	48.5	28.0	8.70	3.88
				2	1035	45.7	26.9	8.20	3.74
	(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	21	1	1080	31.6	–	–	3.56
				2	1640	48.5	28.0	8.70	3.90
				2	1080	45.7	27.0	8.10	3.74
	(C*9C/T*9V)*C16	FC/MC/PC48C	21	1	1050	31.8	–	–	3.58
				2	1590	48.5	28.0	8.70	3.86
				2	1050	45.8	27.2	8.10	3.75
	(C*9C/T*9V)*C20	FC/MC/PC48C	21	1	1055	31.8	–	–	3.58
				2	1655	48.5	28.0	8.70	3.86
				2	1055	45.7	27.1	8.20	3.76
	(C*9C/T*9V)*D20	FC/MC/PC48D	24	1	1060	31.6	–	–	3.56
				2	1645	48.5	28.0	8.70	3.88
				2	1060	45.7	27.0	8.20	3.74
	(C*(8,L)C/T*8V)*C16	FC/PC60C	21	1	1035	31.8	–	–	3.62
				2	1625	48.5	27.8	8.80	3.92
				2	1035	45.7	26.9	8.30	3.79
	(C*(8,L)C/T*8V)*C20	FC/PC60C	21	1	1015	31.8	–	–	3.64
				2	1605	48.0	27.6	8.80	3.98
				2	1015	45.6	26.9	8.40	3.80
	(C*9C/T*9V)*C16	FC/PC60C	21	1	1050	32.0	–	–	3.58
				2	1590	48.5	28.0	8.70	3.90
				2	1050	45.8	27.0	8.20	3.77
	(C*9C/T*9V)*C20	FC/PC60C	21	1	1055	32.0	–	–	3.60
				2	1655	48.5	28.0	8.70	3.90
				2	1055	45.8	27.0	8.20	3.78
	(C*9C/T*9V)*D20	FC/MC/PC60D	24	1	1070	32.0	–	–	3.60
				2	1615	48.5	27.8	8.70	3.92
				2	1070	45.8	27.0	8.20	3.77
(C*9C/T*9V)*D20	FC/MC62D	24	1	1085	32.0	–	–	3.66	
			2	1630	48.5	27.6	8.80	3.96	
			2	1085	46.1	26.5	8.20	3.88	
(C*(8,L)C/T*8V)*C16	FC64D	21	1	1025	31.6	–	–	3.70	
			2	1635	48.0	27.6	8.80	4.06	
			2	1025	45.5	26.4	8.25	3.92	
(C*(8,L)C/T*8V)*C20	FC64D	21	1	1015	31.6	–	–	3.70	
			2	1615	48.0	27.6	8.80	4.06	
			2	1015	45.5	26.4	8.25	3.90	
(C*9C/T*9V)*C16	FC64D	21	1	1040	31.8	–	–	3.68	
			2	1590	48.0	27.8	8.80	4.00	
			2	1040	45.5	26.6	8.15	3.92	

For Notes, See Page 28.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B048F1(C)	(C*9C/T*9V)*C20	FC64D	21	1	1040	31.8	-	-	3.70
				2	1655	48.0	28.0	8.80	4.00
				2	1040	45.5	26.6	8.15	3.92
	(C*(8,L)C/T*8V)*C20	HC60	21	1	1015	31.6	-	-	3.64
				2	1605	48.0	27.6	8.80	3.98
				2	1015	46.0	26.8	8.40	3.80
	(C*9C/T*9V)*D20	HC60	24	1	1070	32.4	-	-	3.78
				2	1615	48.5	27.8	8.80	4.02
				2	1070	49.2	27.2	8.70	3.91
	(C*(8,L)C/T*8V)*C16	HD48	21	1	1035	31.0	-	-	3.18
				2	1615	47.5	27.2	8.50	3.60
				2	1035	44.4	25.8	7.90	3.31
	(C*(8,L)C/T*8V)*C20	HD48	21	1	1080	31.0	-	-	3.18
				2	1640	47.5	27.2	8.50	3.62
				2	1080	44.5	25.9	7.90	3.31
	(C*9C/T*9V)*C16	HD48	21	1	1050	31.0	-	-	3.20
				2	1590	47.5	27.2	8.50	3.58
				2	1050	44.5	25.9	7.90	3.33
	(C*9C/T*9V)*C20	HD48	21	1	1055	31.0	-	-	3.20
				2	1655	47.5	27.2	8.50	3.58
				2	1055	44.5	25.8	7.90	3.34
	(C*9C/T*9V)*D20	HD48	24	1	1060	31.0	-	-	3.18
				2	1645	47.5	27.2	8.50	3.60
				2	1060	44.5	25.9	7.90	3.31
	(C*(8,L)C/T*8V)*C16	HD60	21	1	1035	31.2	-	-	3.32
				2	1625	47.5	27.2	8.60	3.70
				2	1035	44.6	26.1	8.00	3.41
	(C*(8,L)C/T*8V)*C20	HD60	21	1	1015	31.2	-	-	3.34
				2	1605	47.5	27.0	8.70	3.74
				2	1015	44.6	26.1	8.10	3.42
	(C*9C/T*9V)*C16	HD60	21	1	1050	31.4	-	-	3.30
				2	1590	48.0	27.2	8.50	3.68
				2	1050	44.8	26.2	7.90	3.40
	(C*9C/T*9V)*C20	HD60	21	1	1055	31.2	-	-	3.30
				2	1655	48.0	27.2	8.50	3.68
				2	1055	44.7	26.2	8.00	3.40
	(C*9C/T*9V)*D20	HD60	24	1	1070	31.4	-	-	3.30
				2	1615	48.0	27.2	8.60	3.70
				2	1070	44.7	26.2	7.90	3.40
	(C*(8,L)C/T*8V)*C16	UC48C	21	1	1035	32.4	-	-	3.72
				2	1615	48.5	27.8	8.80	3.98
				2	1035	48.7	27.2	8.60	3.83
(C*(8,L)C/T*8V)*C20	UC48C	21	1	1080	32.4	-	-	3.70	
			2	1640	48.5	27.8	8.80	3.98	
			2	1080	48.8	27.2	8.60	3.82	
(C*9C/T*9V)*C16	UC48C	21	1	1050	32.4	-	-	3.68	
			2	1540	48.5	28.0	8.70	3.90	
			2	1050	48.7	27.2	8.60	3.80	
(C*9C/T*9V)*C20	UC48C	21	1	1055	32.2	-	-	3.60	
			2	1445	48.5	27.8	8.70	3.86	
			2	1055	48.8	27.1	8.50	3.69	
(C*9C/T*9V)*D20	UC48D	24	1	1060	32.4	-	-	3.70	
			2	1645	48.5	27.8	8.70	3.96	
			2	1060	48.8	27.2	8.60	3.82	

For Notes, See Page 28.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B060F1(C)	(C*(8,L)C/T*8V)*C16	UC60C	21	1	1035	32.2	–	–	3.70
				2	1625	48.5	27.6	8.80	3.98
				2	1035	49.0	27.0	8.60	3.82
	(C*(8,L)C/T*8V)*C20	UC60C	21	1	1015	32.2	–	–	3.72
				2	1605	48.5	27.6	8.90	4.04
				2	1015	48.9	26.9	8.70	3.84
	(C*9C/T*9V)*C16	UC60C	21	1	1050	32.4	–	–	3.66
				2	1590	48.5	27.8	8.70	3.96
				2	1050	49.1	27.1	8.60	3.80
	(C*9C/T*9V)*C20	UC60C	21	1	1055	32.4	–	–	3.68
				2	1655	48.5	27.8	8.70	3.96
				2	1055	49.0	27.0	8.60	3.81
	(C*9C/T*9V)*D20	UC60D	24	1	1070	32.4	–	–	3.68
				2	1615	48.5	27.8	8.80	3.98
				2	1070	49.1	27.0	8.60	3.81
	T*(8,L)X*C20	FC/PC60C	21	1	905	34.6	–	–	2.68
				2	1690	54.0	32.6	7.90	3.32
				2	860	48.4	30.0	7.25	2.72
	T*9X*C20	FC/PC60C	21	1	1215	35.4	–	–	3.02
				2	1625	53.5	32.8	7.80	3.26
				2	1215	49.1	30.1	7.70	2.84
	T*9X*D20	FC/MC/PC60D	24	1	1320	35.4	–	–	3.12
				2	1730	54.0	32.6	7.90	3.28
				2	1320	49.4	30.1	7.50	3.24
	T*(8,L)X*C20	FC/MC/PC60D	21	1	905	34.6	–	–	2.74
				2	1690	54.0	32.6	7.90	3.32
				2	905	48.7	30.1	7.35	2.78
	T*9X*C20	FC/MC/PC60D	21	1	1295	35.4	–	–	3.06
				2	1645	54.0	32.6	7.80	3.26
				2	1295	48.6	29.8	7.40	2.92
	T*(8,L)X*C20	FC/MC62D	21	1	835	34.0	–	–	2.72
				2	1665	54.0	32.4	7.95	3.40
				2	835	48.6	29.3	7.90	2.76
	T*9X*C20	FC/MC62D	21	1	1220	35.2	–	–	3.10
				2	1595	54.0	32.4	7.95	3.34
				2	1220	50.1	29.6	7.50	3.00
	T*9X*D20	FC/MC62D	24	1	1240	35.2	–	–	3.12
				2	1645	54.0	32.4	7.90	3.34
				2	1240	48.8	29.6	7.40	3.08
	T*(8,L)X*C20	FC64D	21	1	835	34.2	–	–	2.80
				2	1665	54.0	32.4	8.00	3.42
				2	835	48.5	30.2	7.85	2.80
T*9X*C20	FC64D	21	1	1220	35.2	–	–	3.02	
			2	1595	54.0	32.6	8.00	3.38	
			2	1220	49.5	29.8	7.50	3.12	
T*9X*D20	FC64D	24	1	1240	35.2	–	–	3.06	
			2	1645	54.0	32.6	8.00	3.40	
			2	1240	49.5	29.8	7.55	3.16	
T*(8,L)X*C20	HC60	21	1	1255	39.5	–	–	3.04	
			2	1665	53.5	31.6	7.80	3.32	
			2	1255	50.0	28.4	7.55	2.95	
T*9X*D20	HC60	24	1	1240	39.5	–	–	3.12	
			2	1645	53.5	31.8	7.85	3.28	
			2	1240	50.0	28.4	7.50	2.99	

For Notes, See Page 28.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B060F1(C)	T*(8,L)X*C20	HD60	21	1	1255	34.6	-	-	2.68
				2	1665	54.0	32.6	7.80	3.08
				2	1255	48.4	30.0	7.20	2.54
	T*9X*C20	HD60	21	1	1220	35.4	-	-	2.82
				2	1625	53.5	32.8	7.70	3.08
				2	1220	49.1	30.1	7.20	2.64
	T*9X*D20	HD60	24	1	1240	35.4	-	-	2.84
				2	1645	54.0	32.6	7.70	3.06
				2	1240	49.4	30.1	7.30	2.66
	T*(8,L)X*C20	UC60C	21	1	905	35.6	-	-	2.84
				2	1690	57.0	32.6	8.00	3.38
				2	860	50.0	30.3	7.40	2.87
	T*9X*C20	UC60C	21	1	1215	35.8	-	-	3.14
				2	1625	54.0	32.6	7.90	3.34
				2	1215	50.7	30.1	7.60	3.06
	T*9X*D20	UC60D	24	1	1320	36.0	-	-	3.20
				2	1730	54.0	32.6	7.90	3.34
				2	1320	51.1	30.1	7.70	3.12
	T*(8,L)X*C20	UC60D	21	1	905	35.6	-	-	2.88
				2	1690	57.0	32.6	9.85	3.74
				2	905	50.7	30.5	8.40	2.92
	T*9X*C20	UC60D	21	1	1295	36.0	-	-	3.22
				2	1645	54.0	32.6	8.00	3.40
				2	1295	50.9	30.1	7.85	3.22
	(C*(8,L)C/T*8V)*C20	FC/PC60C	21	1	1015	36.6	-	-	3.04
				2	1605	54.0	32.4	7.90	3.32
				2	1015	49.4	29.2	7.80	2.95
	(C*9C/T*9V)*C20	FC/PC60C	21	1	1055	36.8	-	-	3.02
				2	1655	54.0	32.8	7.80	3.26
				2	1055	49.5	29.3	7.70	2.95
	(C*(8,L)C/T*8V)*C20	FC/MC/PC60D	21	1	1015	39.5	-	-	3.08
				2	1605	54.0	37.0	7.90	3.32
				2	1015	48.4	33.3	7.60	2.93
	(C*9C/T*9V)*C20	FC/MC/PC60D	21	1	1055	39.5	-	-	3.06
				2	1655	54.0	37.4	7.80	3.26
				2	1055	48.5	33.4	7.40	2.92
	(C*9C/T*9V)*D20	FC/MC/PC60D	24	1	1070	39.5	-	-	3.12
				2	1615	54.0	37.2	7.90	3.28
				2	1070	48.7	35.7	7.50	2.99
	(C*(8,L)C/T*8V)*C20	FC/MC62D	21	1	1015	39.0	-	-	3.14
				2	1615	54.0	36.8	8.00	3.40
				2	1015	48.6	35.3	7.60	3.01
	(C*9C/T*9V)*C20	FC/MC62D	21	1	1040	39.5	-	-	3.12
				2	1655	54.5	37.2	7.90	3.34
				2	1040	48.7	35.4	7.50	3.00
	(C*9C/T*9V)*D20	FC/MC62D	24	1	1085	37.2	-	-	3.14
				2	1630	54.5	32.6	7.90	3.34
				2	1085	49.7	29.4	7.70	3.09
Y*(8,L)C*C20	FC64D	21	1	1015	34.8	-	-	3.00	
			2	1615	54.0	32.6	8.00	3.42	
			2	1015	50.0	29.8	7.85	3.10	
Y*9C*C20	FC64D	21	1	1040	35.2	-	-	3.02	
			2	1655	54.5	33.0	8.00	3.38	
			2	1040	50.0	29.8	7.50	3.12	

For Notes, See Page 28.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL ¹	W	HEATING ²					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
15 SEER HP WITH HIGH EFFICIENCY FURNACES³									
HC5B060F1(C)	Y*9C*D20	FC64D	24	1	1085	35.0	—	—	3.06
				2	1630	54.5	32.8	8.00	3.40
				2	1085	49.5	29.8	7.55	3.16
	Y*(8,L)C*C20	HC60	21	1	1015	38.5	—	—	3.04
				2	1605	53.5	32.0	7.80	3.32
				2	1015	48.5	28.0	7.55	2.95
	(C*9C/T*9V)*D20	HC60	24	1	1070	39.5	—	—	3.12
				2	1615	54.0	37.2	7.90	3.28
				2	1070	48.7	35.7	7.50	2.99
	(C*(8,L)C/T*8V)*C20	HD60	21	1	1015	38.5	—	—	2.78
				2	1605	53.0	37.2	7.80	3.08
				2	1015	49.3	34.9	7.20	2.55
	(C*9C/T*9V)*C20	HD60	21	1	1055	38.5	—	—	2.82
				2	1655	53.5	37.6	7.70	3.08
				2	1055	49.8	35.0	7.20	2.64
	(C*9C/T*9V)*D20	HD60	24	1	1070	38.5	—	—	2.84
				2	1615	53.5	37.4	7.70	3.06
				2	1070	49.8	35.0	7.30	2.66
	(C*9C/T*9V)*D20	UC60D	24	1	1070	39.5	—	—	3.20
				2	1615	54.5	37.2	7.90	3.34
				2	1070	50.7	35.4	7.70	3.12
	(C*(8,L)C/T*8V)*C20	UC60C	21	1	1015	39.5	—	—	3.16
				2	1605	54.0	37.0	8.00	3.38
				2	1015	50.4	35.3	7.60	3.07
(C*9C/T*9V)*C20	UC60C	21	1	1055	39.5	—	—	3.14	
			2	1655	54.5	37.4	7.90	3.34	
			2	1055	50.5	35.4	7.60	3.06	
(C*9C/T*9V)*D20	UC60D	24	1	1070	39.5	—	—	3.20	
			2	1615	54.5	37.2	7.90	3.34	
			2	1070	50.7	35.4	7.70	3.12	

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.

— = Not Applicable.

ACCESSORIES*

TXV Kits - 1TVM9 series thermal expansion valves precisely meter refrigerant for optimum performance.

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
024	71	72
036	72	73
048	72	73
060	73	74

* Rated in accordance with ARI 270-95 Standards.

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		HC5B024F1(C)														
INDOOR COIL MODEL NO.		FC/MC36B + MV12B														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	550					600					650				
	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	62	62	67	72	57
65	T.C.	19.5	30.3	25.6	25.2	19.8	20.4	31.2	26.6	26.2	20.0	21.4	32.2	27.6	27.1	20.3
	S.C.	18.0	3.2	3.2	3.3	3.3	18.8	3.3	3.2	3.3	3.3	19.7	3.3	3.2	3.3	3.3
	K.W.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0
75	T.C.	18.6	19.2	18.4	20.8	22.6	19.5	19.7	18.8	21.2	23.2	20.3	20.3	19.2	21.5	23.7
	S.C.	17.1	16.7	13.7	14.1	11.1	17.9	17.7	14.5	14.8	11.7	18.6	18.6	15.2	15.5	12.4
	K.W.	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.1	1.1
85	T.C.	17.7	18.1	17.4	19.6	21.3	18.5	18.5	17.9	19.9	21.6	19.3	19.0	18.4	20.2	22.0
	S.C.	16.2	16.0	13.2	13.6	10.7	16.9	16.9	13.9	14.1	11.3	17.6	17.8	14.6	14.7	11.8
	K.W.	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2
95	T.C.	16.9	17.0	16.4	18.3	20.0	17.6	17.4	16.7	18.6	20.3	18.4	17.9	17.1	18.9	20.5
	S.C.	15.3	15.3	12.6	13.0	10.3	16.0	16.1	13.3	13.6	10.8	16.7	17.0	14.0	14.2	11.3
	K.W.	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	1.5
105	T.C.	16.1	16.0	15.2	17.1	18.6	16.8	16.4	15.5	17.4	18.8	17.5	16.8	15.9	17.6	19.0
	S.C.	14.6	14.8	12.1	12.5	9.9	15.2	15.5	12.7	13.1	10.3	15.8	16.2	13.4	13.7	10.7
	K.W.	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
115	T.C.	15.4	15.0	14.0	15.9	17.2	16.0	15.3	14.3	16.1	17.4	16.7	15.7	14.7	16.4	17.6
	S.C.	13.8	14.3	11.6	12.1	9.4	14.4	14.8	12.2	12.6	9.8	14.9	15.4	12.8	13.2	10.2
	K.W.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	1.9
125	T.C.	14.7	13.9	12.8	14.7	15.8	15.3	14.3	13.1	14.9	16.0	15.8	14.6	13.4	15.1	16.2
	S.C.	13.1	13.7	11.0	11.6	9.0	13.6	14.2	11.6	12.2	9.4	14.1	14.6	12.2	12.7	9.7
	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

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

LOW CFM

Air Handler	Coil	T.C.	S.C.	KW
AHX24	-	0.97	0.94	0.95
AHX30	-	1.00	0.96	0.96
AV*36	-	0.99	0.93	0.96
MV12B	FC/MC30B	0.97	1.06	1.00
MV12B	FC/MC35B	0.97	1.06	1.00
MV12B	FC/MC36B	1.00	1.00	1.00
MV12B	FC/MC42B	0.97	1.06	1.00
MV16C	FC/MC35C	1.00	1.00	1.00
MV16C	FC/MC42C	1.00	1.00	1.00

Continued on next page.

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC32A	0.99	0.95	0.97
T*(8,L)X*B12	FC/MC/PC35B	1.03	1.07	0.96
T*9X*B12	FC/MC/PC35B	1.01	1.02	0.97
T*(8,L)X*A12	FC/MC/PC36A	1.01	0.97	0.97
T*(8,L)X*B12	FC/MC/PC36B	1.02	1.07	0.96
T*9X*B12	FC/MC/PC36B	1.00	1.00	0.95
T*(8,L)X*A12	FC/MC/PC37A	1.04	1.07	0.96
T*(8,L)X*B12	FC/MC/PC43B	1.06	1.11	0.96
T*9X*B12	FC/MC/PC43B	1.04	1.07	0.96
T*(8,L)X*A12	UC36A	0.99	0.96	0.97
T*(8,L)X*B12	UC36B	1.03	1.06	0.97
T*9X*B12	UC36B	1.01	1.00	0.97
T*(8,L)X*A12	HD36	0.99	0.95	0.97
T*(8,L)X*B12	HD36	1.03	1.07	0.96
T*9X*B12	HD36	1.01	1.02	0.97
(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	1.01	0.99	0.98
(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	0.99	0.97	0.96
(C*9C/T*9V)*B12	FC/MC/PC24B	0.98	0.97	0.97
(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	1.01	0.99	0.98
(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	0.99	0.97	0.96
(C*9C/T*9V)*B12	FC/MC/PC30B	0.98	0.97	0.97

Furnace	Coil	T.C.	S.C.	KW
(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	0.99	0.96	0.98
(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	0.99	0.94	0.97
(C*9C/T*9V)*B12	FC/MC/PC35B	1.00	0.96	0.98
(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	0.99	0.99	0.97
(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	1.00	0.94	0.96
(C*9C/T*9V)*B12	FC/MC/PC36B	0.99	0.99	0.97
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	1.01	1.00	0.98
(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	0.99	0.94	0.97
(C*9C/T*9V)*B12	FC/MC/PC43B	1.00	0.97	0.97
(C*(8,L)C/T*8V)*A12	HC30	0.99	0.95	0.99
(C*(8,L)C/T*8V)*A12	HD36	0.99	0.96	0.98
(C*(8,L)C/T*8V)*B12	HD36	0.96	0.89	0.97
(C*9C/T*9V)*B12	HD36	0.99	0.95	0.98
(C*(8,L)C/T*8V)*A12	UC24A	1.02	1.00	0.98
(C*(8,L)C/T*8V)*B12	UC24B	1.01	0.99	0.97
(C*9C/T*9V)*B12	UC24B	1.01	0.98	0.98
(C*(8,L)C/T*8V)*A12	UC30A	1.02	1.00	0.98
(C*(8,L)C/T*8V)*B12	UC30B	1.01	0.99	0.97
(C*9C/T*9V)*B12	UC30B	1.01	0.98	0.98
(C*(8,L)C/T*8V)*A12	UC36A	1.00	0.99	0.98
(C*(8,L)C/T*8V)*B12	UC36B	0.98	0.94	0.97
(C*9C/T*9V)*B12	UC36B	1.00	0.99	0.98

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		HC5B024F1(C)														
INDOOR COIL MODEL NO.		FC/MC36B + MV12B														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	700					800					900				
	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	62	62	67	72	57
65	T.C.	23.9	24.9	23.7	27.3	29.1	25.2	25.8	24.6	28.0	30.0	26.5	26.7	25.4	28.8	30.9
	S.C.	22.6	21.7	18.0	18.9	14.6	23.8	23.1	19.5	20.3	15.7	24.9	24.5	21.0	21.6	16.8
	K.W.	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	1.5
75	T.C.	23.4	24.1	23.0	26.1	28.0	24.6	24.9	23.7	26.9	28.8	25.9	25.8	24.4	27.6	29.6
	S.C.	22.1	21.5	17.7	18.3	14.3	23.2	22.9	19.1	19.7	15.4	24.3	24.3	20.5	21.0	16.5
	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.	22.9	23.2	22.2	25.0	26.9	24.1	24.1	22.8	25.7	27.6	25.2	24.9	23.5	26.4	28.3
	S.C.	21.6	21.2	17.4	17.8	14.0	22.7	22.6	18.8	19.2	15.0	23.6	24.1	20.1	20.5	16.1
	K.W.	1.7	1.8	1.7	1.8	1.8	1.7	1.8	1.7	1.8	1.8	1.8	1.8	1.7	1.8	1.8
95	T.C.	22.4	22.4	21.5	23.9	25.8	23.5	23.2	22.0	24.6	26.4	24.6	24.0	22.5	25.3	27.1
	S.C.	21.2	20.9	17.1	17.3	13.6	22.1	22.4	18.4	18.6	14.7	23.0	23.8	19.7	19.9	15.7
	K.W.	1.9	1.9	1.9	2.0	2.0	1.9	2.0	1.9	2.0	2.0	2.0	2.0	1.9	2.0	2.0
105	T.C.	21.3	21.1	20.0	22.5	24.1	22.4	22.0	20.5	23.2	24.7	23.4	22.8	21.0	23.8	25.3
	S.C.	20.2	20.0	16.4	16.8	13.2	21.0	21.2	17.6	18.1	14.1	21.8	22.3	18.9	19.4	15.1
	K.W.	2.2	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.3	2.3	2.2	2.3	2.2	2.3	2.3
115	T.C.	20.3	19.9	18.7	21.2	22.5	21.3	20.8	19.2	21.7	23.0	22.2	21.6	19.6	22.3	23.5
	S.C.	19.2	19.1	15.6	16.3	12.7	19.9	20.0	16.9	17.6	13.6	20.6	20.9	18.1	18.9	14.5
	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	2.5	2.6
125	T.C.	19.3	18.8	17.3	19.8	20.9	20.2	19.6	17.8	20.3	21.3	21.0	20.4	18.2	20.8	21.7
	S.C.	18.2	18.2	14.9	15.8	12.3	18.8	18.9	16.1	17.1	13.1	19.4	19.4	17.3	18.4	14.0
	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

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
AHX24	-	0.95	0.98	0.95
AHX30	-	0.95	1.00	0.95
AV*36	-	0.95	0.96	0.93
MV12B	FC/MC30B	0.96	1.05	0.99
MV12B	FC/MC35B	0.96	1.05	0.99
MV12B	FC/MC36B	1.00	1.00	1.00
MV12B	FC/MC42B	0.96	1.05	0.99
MV16C	FC/MC35C	1.00	1.00	1.00
MV16C	FC/MC42C	1.00	1.00	1.00

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Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC32A	0.95	0.99	0.93
T*(8,L)X*B12	FC/MC/PC35B	0.95	1.01	0.93
T*9X*B12	FC/MC/PC35B	0.95	0.99	0.93
T*(8,L)X*A12	FC/MC/PC36A	0.95	0.99	0.93
T*(8,L)X*B12	FC/MC/PC36B	0.95	1.00	0.93
T*9X*B12	FC/MC/PC36B	0.95	0.97	0.93
T*(8,L)X*A12	FC/MC/PC37A	0.95	1.01	0.93
T*(8,L)X*B12	FC/MC/PC43B	0.95	1.02	0.93
T*9X*B12	FC/MC/PC43B	0.95	1.01	0.93
T*(8,L)X*A12	UC36A	0.95	0.98	0.93
T*(8,L)X*B12	UC36B	0.95	1.00	0.93
T*9X*B12	UC36B	0.95	0.98	0.93
T*(8,L)X*A12	HD36	0.95	0.99	0.93
T*(8,L)X*B12	HD36	0.95	1.01	0.93
T*9X*B12	HD36	0.95	0.99	0.93
(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	0.98	0.98	0.99
(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	0.98	0.98	0.98
(C*9C/T*9V)*B12	FC/MC/PC24B	0.98	0.98	0.99
(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	0.98	0.98	0.99
(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	0.98	0.98	0.98
(C*9C/T*9V)*B12	FC/MC/PC30B	0.98	0.98	0.99

Furnace	Coil	T.C.	S.C.	KW
(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	0.98	0.97	1.00
(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	0.98	0.97	0.99
(C*9C/T*9V)*B12	FC/MC/PC35B	0.98	0.99	1.00
(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	0.98	0.97	0.99
(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	0.98	0.96	0.98
(C*9C/T*9V)*B12	FC/MC/PC36B	0.98	0.98	0.99
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	0.98	0.98	1.01
(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	0.98	0.97	0.98
(C*9C/T*9V)*B12	FC/MC/PC43B	0.98	0.98	1.00
(C*(8,L)C/T*8V)*A12	HC30	0.98	0.97	1.00
(C*(8,L)C/T*8V)*A12	HD36	0.98	0.96	0.99
(C*(8,L)C/T*8V)*B12	HD36	0.97	0.94	0.98
(C*9C/T*9V)*B12	HD36	0.98	0.96	0.99
(C*(8,L)C/T*8V)*A12	UC24A	0.98	0.98	0.99
(C*(8,L)C/T*8V)*B12	UC24B	0.98	0.98	0.98
(C*9C/T*9V)*B12	UC24B	0.98	0.98	0.99
(C*(8,L)C/T*8V)*A12	UC30A	0.98	0.98	0.99
(C*(8,L)C/T*8V)*B12	UC30B	0.98	0.98	0.98
(C*9C/T*9V)*B12	UC30B	0.98	0.97	0.99
(C*(8,L)C/T*8V)*A12	UC36A	0.98	0.98	0.99
(C*(8,L)C/T*8V)*B12	UC36B	0.98	0.97	0.98
(C*9C/T*9V)*B12	UC36B	0.98	0.98	0.99

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		HC5B036F1(C)														
INDOOR COIL MODEL NO.		FC/MC48C + MV16C														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	750					800					850				
	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	62	62	67	72	57
65	T.C.	24.3	26.1	25.5	28.1	31.9	24.8	26.4	25.9	28.5	32.2	25.3	26.6	26.3	28.8	32.5
	S.C.	23.9	22.4	18.5	19.1	15.6	24.4	22.8	19.1	19.5	16.2	24.9	23.2	19.7	19.9	16.8
	K.W.	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.2	1.2
75	T.C.	23.2	24.9	24.5	27.0	30.6	23.7	25.2	24.8	27.3	30.9	24.2	25.4	25.2	27.6	31.1
	S.C.	22.8	21.6	18.1	18.5	15.3	23.3	22.1	18.7	19.0	15.8	23.8	22.6	19.2	19.5	16.3
	K.W.	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.4
85	T.C.	22.1	23.6	23.4	25.9	29.4	22.6	23.9	23.7	26.2	29.5	23.1	24.2	24.1	26.4	29.7
	S.C.	21.7	20.8	17.7	17.9	15.0	22.2	21.4	18.2	18.5	15.4	22.7	22.0	18.8	19.1	15.8
	K.W.	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
95	T.C.	21.0	22.3	22.4	24.8	28.1	21.5	22.7	22.6	25.0	28.2	21.9	23.0	22.9	25.2	28.3
	S.C.	20.7	20.0	17.3	17.3	14.6	21.1	20.7	17.8	18.0	15.0	21.6	21.4	18.3	18.7	15.4
	K.W.	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0	1.9	1.9
105	T.C.	19.8	20.9	20.9	23.1	26.1	20.3	21.2	21.1	23.3	26.2	20.7	21.6	21.4	23.5	26.4
	S.C.	19.5	19.1	16.3	16.6	13.9	20.0	19.8	16.9	17.3	14.2	20.4	20.4	17.4	18.0	14.5
	K.W.	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.2
115	T.C.	18.7	19.5	19.4	21.5	24.2	19.1	19.8	19.6	21.7	24.3	19.5	20.2	19.9	21.9	24.5
	S.C.	18.4	18.3	15.4	16.0	13.3	18.8	18.9	16.0	16.6	13.5	19.2	19.4	16.5	17.3	13.7
	K.W.	2.7	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5
125	T.C.	17.5	18.0	18.0	19.9	22.3	17.9	18.4	18.2	20.1	22.5	18.3	18.7	18.3	20.3	22.6
	S.C.	17.3	17.4	14.4	15.4	12.6	17.7	18.0	15.0	16.0	12.8	18.1	18.5	15.7	16.6	12.9
	K.W.	3.0	3.0	3.0	2.9	2.9	3.0	3.0	3.0	2.9	2.9	3.0	2.9	2.9	2.9	2.9

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

LOW CFM

Air Handler	Coil	T.C.	S.C.	KW
AHX36	–	0.99	0.99	0.98
AHX42	–	1.04	1.14	1.01
AHX48	–	1.03	1.09	0.99
AV*36	–	0.99	0.98	0.99
AV/SV*48	–	1.01	1.03	0.99
MV12B	FC/MC35B	0.98	0.98	1.00
MV12B	FC/MC42B	0.98	0.98	1.00
MV16C	FC/MC48C	1.00	1.00	1.00
MV12D	FC/MC48D	0.99	1.00	1.00

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Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC32A	0.97	0.95	0.99
T*(8,L)X*B12	FC/MC/PC35B	1.00	1.01	0.99
T*(8,L)X*C16	FC/MC/PC35C	0.92	0.85	0.97
T*(8,L)X*C20	FC/MC/PC35C	0.97	0.96	1.00
T*9X*B12	FC/MC/PC35B	0.98	0.97	0.99
T*9X*C16	FC/MC/PC35C	0.96	0.92	0.97
T*9X*C20	FC/MC/PC35C	0.99	0.99	1.00
T*(8,L)X*A12	FC/MC/PC37A	1.01	1.02	0.99
T*(8,L)X*B12	FC/MC/PC43B	1.01	1.02	0.99
T*(8,L)X*C16	FC/MC/PC43C	0.94	0.88	0.97
T*(8,L)X*C20	FC/MC/PC43C	1.01	1.02	1.00
T*9X*B12	FC/MC/PC43B	1.01	1.02	0.99
T*9X*C16	FC/MC/PC43C	0.97	0.94	0.98
T*9X*C20	FC/MC/PC43C	1.00	1.01	1.00
T*(8,L)X*C16	FC/MC/PC48C	0.96	0.91	0.98
T*(8,L)X*C20	FC/MC/PC48C	1.01	1.02	1.00
T*9X*C16	FC/MC/PC48C	0.99	0.97	0.98
T*9X*C20	FC/MC/PC48C	1.02	1.04	1.00
T*(8,L)X*C16	UC48C	0.97	0.92	0.99
T*(8,L)X*C20	UC48C	1.00	1.03	1.00
T*9X*C16	UC48C	0.98	0.97	0.98
T*9X*C20	UC48C	1.01	1.04	1.00
T*(8,L)X*B12	HD48	1.01	1.02	0.99
T*(8,L)X*C16	HD48	0.96	0.91	0.98
T*9X*B12	HD48	1.01	1.02	0.99
T*9X*C16	HD48	0.99	0.97	0.98
T*9X*C20	HD48	1.02	1.04	1.00
(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	0.96	0.95	1.00
(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	0.99	1.00	1.01
(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	1.00	1.10	1.03
(C*9C/T*9V)*B12	FC/MC/PC35B	0.97	0.98	1.02
(C*9C/T*9V)*C20	FC/MC/PC35C	0.97	0.96	1.00
(C*9C/T*9V)*C16	FC/MC/PC35C	0.98	0.98	1.00
(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	0.98	0.98	1.03
(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	0.96	0.94	1.00
(C*(8,L)C/T*8V)*C16	FC/MC/PC36C	0.97	0.98	1.00

Furnace	Coil	T.C.	S.C.	KW
(C*(8,L)C/T*8V)*C20	FC/MC/PC36C	0.97	0.98	0.99
(C*9C/T*9V)*B12	FC/MC/PC36B	0.97	0.97	1.01
(C*9C/T*9V)*C16	FC/MC/PC36C	0.99	1.04	1.02
(C*9C/T*9V)*C20	FC/MC/PC36C	0.96	0.95	1.00
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	0.95	0.91	0.99
(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	0.97	0.96	1.00
(C*(8,L)C/T*8V)*C16	FC/MC/PC43C	0.99	1.00	1.00
(C*(8,L)C/T*8V)*C20	FC/MC/PC43C	0.98	0.97	0.99
(C*9C/T*9V)*C16	FC/MC/PC43C	1.00	1.01	1.02
(C*9C/T*9V)*C20	FC/MC/PC43C	0.99	0.99	1.00
(C*9C/T*9V)*B12	FC/MC/PC43B	1.00	1.01	1.02
(C*9C/T*9V)*C20	FC/MC/PC48C	0.99	0.98	1.00
(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	1.01	1.02	1.00
(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	0.98	0.96	0.99
(C*9C/T*9V)*C16	FC/MC/PC48C	1.00	1.00	1.00
(C*(8,L)C/T*8V)*C16	HC42	0.99	1.00	1.00
(C*(8,L)C/T*8V)*C20	HC42	0.98	0.97	0.99
(C*9C/T*9V)*C16	HC42	1.00	1.01	1.01
(C*9C/T*9V)*C20	HC42	0.99	0.99	1.00
(C*(8,L)C/T*8V)*B12	HD48	0.97	0.96	0.99
(C*(8,L)C/T*8V)*C20	HD48	0.97	0.95	0.98
(C*9C/T*9V)*B12	HD48	0.96	0.94	0.99
(C*(8,L)C/T*8V)*C16	HD48	0.98	1.00	0.99
(C*9C/T*9V)*C16	HD48	0.99	0.99	1.00
(C*9C/T*9V)*C20	HD48	0.97	0.96	0.99
(C*(8,L)C/T*8V)*A12	UC36A	0.97	0.98	1.02
(C*(8,L)C/T*8V)*B12	UC36B	0.96	0.94	1.00
(C*(8,L)C/T*8V)*C16	UC36C	0.98	0.98	1.00
(C*(8,L)C/T*8V)*C20	UC36C	0.98	0.98	1.00
(C*9C/T*9V)*B12	UC36B	0.97	0.97	1.01
(C*9C/T*9V)*C16	UC36C	0.99	1.04	1.03
(C*9C/T*9V)*C20	UC36C	0.96	0.95	1.00
(C*(8,L)C/T*8V)*C16	UC48C	1.00	1.02	1.00
(C*9C/T*9V)*C16	UC48C	0.99	1.00	1.00
(C*(8,L)C/T*8V)*C20	UC48C	0.99	0.97	0.99
(C*9C/T*9V)*C20	UC48C	1.00	0.99	1.00

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		HC5B036F1(C)														
INDOOR COIL MODEL NO.		FC/MC48C + MV16C														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1100					1200					1300				
	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	62	62	67	72	57
65	T.C.	31.6	36.2	37.2	37.3	38.5	33.1	36.3	37.6	37.4	38.3	34.7	36.5	37.9	37.6	38.1
	S.C.	31.2	30.3	26.6	24.5	19.1	32.9	31.3	27.6	24.9	19.3	34.5	32.3	28.5	25.4	19.5
	K.W.	1.9	2.0	2.1	2.0	2.1	2.0	2.0	2.1	2.0	2.1	2.0	2.0	2.1	2.0	2.1
75	T.C.	30.9	34.6	35.3	36.5	38.4	32.4	34.9	35.7	36.8	38.3	33.9	35.2	36.0	37.0	38.1
	S.C.	30.7	29.7	25.8	24.4	19.4	32.1	30.8	26.8	25.1	19.6	33.5	31.9	27.7	25.8	19.8
	K.W.	2.2	2.3	2.3	2.3	2.4	2.2	2.3	2.3	2.3	2.4	2.3	2.3	2.4	2.3	2.4
85	T.C.	30.3	33.1	33.4	35.7	38.3	31.7	33.5	33.8	36.1	38.2	33.0	34.0	34.1	36.4	38.2
	S.C.	30.1	29.1	25.0	24.4	19.7	31.3	30.4	26.0	25.2	19.9	32.4	31.6	26.9	26.1	20.2
	K.W.	2.5	2.5	2.5	2.6	2.6	2.5	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.7
95	T.C.	29.7	31.6	31.5	34.9	38.1	30.9	32.1	31.9	35.4	38.2	32.2	32.7	32.2	35.9	38.3
	S.C.	29.5	28.5	24.2	24.4	20.0	30.4	29.9	25.2	25.4	20.2	31.4	31.2	26.1	26.4	20.5
	K.W.	2.8	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.9	2.9	2.8	2.9	2.8	2.9	3.0
105	T.C.	28.2	29.7	29.6	32.5	35.8	29.3	30.3	29.9	33.0	36.0	30.4	30.9	30.2	33.5	36.2
	S.C.	28.0	27.2	23.2	23.3	19.0	28.8	28.5	23.9	24.3	19.4	29.7	29.7	24.6	25.3	19.7
	K.W.	3.2	3.2	3.2	3.3	3.3	3.2	3.3	3.2	3.3	3.4	3.3	3.3	3.2	3.3	3.4
115	T.C.	26.7	27.9	27.7	30.2	33.5	27.7	28.5	28.0	30.7	33.8	28.6	29.1	28.3	31.2	34.2
	S.C.	26.6	26.0	22.3	22.3	18.0	27.3	27.1	22.7	23.3	18.5	28.0	28.1	23.1	24.3	19.0
	K.W.	3.6	3.7	3.6	3.7	3.8	3.7	3.7	3.6	3.7	3.8	3.7	3.7	3.6	3.8	3.8
125	T.C.	25.3	26.0	25.9	27.9	31.2	26.0	26.7	26.2	28.4	31.7	26.8	27.3	26.4	29.0	32.2
	S.C.	25.1	24.7	21.3	21.3	17.0	25.7	25.7	21.5	22.3	17.6	26.3	26.6	21.6	23.2	18.2
	K.W.	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.0	4.2	4.2

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
AHX36	–	0.99	0.98	0.98
AHX42	–	1.00	0.98	0.96
AHX48	–	1.00	1.01	0.97
AV*36	–	0.98	0.97	0.98
AV/SV*48	–	1.00	0.99	0.97
MV12B	FC/MC35B	0.99	0.93	1.01
MV12B	FC/MC42B	0.99	0.93	1.01
MV16C	FC/MC48C	1.00	1.00	1.00
MV12D	FC/MC48D	1.00	1.00	1.00

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Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC32A	0.96	0.93	1.01
T*(8,L)X*B12	FC/MC/PC35B	0.98	0.98	1.00
T*(8,L)X*C16	FC/MC/PC35C	0.97	0.92	0.96
T*(8,L)X*C20	FC/MC/PC35C	0.98	0.96	0.98
T*9X*B12	FC/MC/PC35B	0.98	0.97	1.01
T*9X*C16	FC/MC/PC35C	0.98	0.98	0.99
T*9X*C20	FC/MC/PC35C	0.97	0.95	0.98
T*(8,L)X*A12	FC/MC/PC37A	0.99	1.00	1.01
T*(8,L)X*B12	FC/MC/PC43B	0.99	1.00	1.01
T*(8,L)X*C16	FC/MC/PC43C	0.99	0.97	0.96
T*(8,L)X*C20	FC/MC/PC43C	1.00	1.00	0.98
T*9X*B12	FC/MC/PC43B	0.99	1.00	1.01
T*9X*C16	FC/MC/PC43C	0.99	0.99	1.00
T*9X*C20	FC/MC/PC43C	0.98	0.97	0.98
T*(8,L)X*C16	FC/MC/PC48C	1.00	0.98	0.96
T*(8,L)X*C20	FC/MC/PC48C	1.00	1.00	0.98
T*9X*C16	FC/MC/PC48C	1.00	1.00	1.00
T*9X*C20	FC/MC/PC48C	1.00	0.98	0.98
T*(8,L)X*C16	UC48C	1.00	0.99	0.96
T*(8,L)X*C20	UC48C	1.00	1.01	0.98
T*9X*C16	UC48C	1.00	1.01	1.00
T*9X*C20	UC48C	1.00	0.99	0.98
T*(8,L)X*B12	HD48	0.99	1.00	1.01
T*(8,L)X*C16	HD48	1.00	0.98	0.96
T*9X*B12	HD48	0.99	1.00	1.01
T*9X*C16	HD48	1.00	1.00	1.00
T*9X*C20	HD48	1.00	0.98	0.98
(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	0.97	0.97	1.05
(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	0.98	0.98	1.02
(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	0.98	0.96	1.00
(C*9C/T*9V)*B12	FC/MC/PC35B	0.97	0.95	1.04
(C*9C/T*9V)*C20	FC/MC/PC35C	0.98	1.00	1.05
(C*9C/T*9V)*C16	FC/MC/PC35C	0.98	0.98	1.02
(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	0.95	0.93	1.05
(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	0.96	0.95	1.03
(C*(8,L)C/T*8V)*C16	FC/MC/PC36C	0.96	0.94	1.01

Furnace	Coil	T.C.	S.C.	KW
(C*(8,L)C/T*8V)*C20	FC/MC/PC36C	0.96	0.95	1.00
(C*9C/T*9V)*B12	FC/MC/PC36B	0.96	0.94	1.03
(C*9C/T*9V)*C16	FC/MC/PC36C	0.96	0.95	1.01
(C*9C/T*9V)*C20	FC/MC/PC36C	0.97	0.99	1.04
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	0.95	0.89	1.01
(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	0.98	0.98	1.04
(C*(8,L)C/T*8V)*C16	FC/MC/PC43C	0.99	1.00	1.01
(C*(8,L)C/T*8V)*C20	FC/MC/PC43C	1.00	1.00	1.00
(C*9C/T*9V)*C16	FC/MC/PC43C	0.99	1.00	1.03
(C*9C/T*9V)*C20	FC/MC/PC43C	0.99	1.00	1.02
(C*9C/T*9V)*B12	FC/MC/PC43B	0.99	0.99	1.05
(C*9C/T*9V)*C20	FC/MC/PC48C	1.01	1.05	1.04
(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	1.00	1.01	1.00
(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	1.00	0.99	0.99
(C*9C/T*9V)*C16	FC/MC/PC48C	1.00	1.00	1.02
(C*(8,L)C/T*8V)*C16	HC42	0.99	1.00	1.01
(C*(8,L)C/T*8V)*C20	HC42	1.00	1.00	1.00
(C*9C/T*9V)*C16	HC42	0.98	0.99	1.03
(C*9C/T*9V)*C20	HC42	0.99	0.99	1.02
(C*(8,L)C/T*8V)*B12	HD48	0.99	0.98	1.03
(C*(8,L)C/T*8V)*C20	HD48	0.99	0.97	0.99
(C*9C/T*9V)*B12	HD48	0.97	0.95	1.03
(C*(8,L)C/T*8V)*C16	HD48	1.00	0.99	1.00
(C*9C/T*9V)*C16	HD48	0.99	0.99	1.01
(C*9C/T*9V)*C20	HD48	1.00	1.03	1.04
(C*(8,L)C/T*8V)*A12	UC36A	0.95	0.93	1.05
(C*(8,L)C/T*8V)*B12	UC36B	0.96	0.95	1.03
(C*(8,L)C/T*8V)*C16	UC36C	0.97	0.96	1.01
(C*(8,L)C/T*8V)*C20	UC36C	0.97	0.97	1.00
(C*9C/T*9V)*B12	UC36B	0.95	0.93	1.02
(C*9C/T*9V)*C16	UC36C	0.96	0.95	1.01
(C*9C/T*9V)*C20	UC36C	0.97	0.99	1.04
(C*(8,L)C/T*8V)*C16	UC48C	1.00	1.01	1.00
(C*9C/T*9V)*C16	UC48C	1.00	1.01	1.01
(C*(8,L)C/T*8V)*C20	UC48C	1.00	0.99	0.99
(C*9C/T*9V)*C20	UC48C	0.99	1.04	1.04

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		HC5B048F1(C)														
INDOOR COIL MODEL NO.		FC/MC60D + MV20D														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	950					1000					1050				
	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	62	62	67	72	57
65	T.C.	31.6	34.3	34.2	39.4	44.4	31.9	34.5	34.8	40.0	44.9	32.3	34.8	35.4	40.6	45.4
	S.C.	31.6	29.3	24.7	25.3	20.9	31.9	29.9	25.4	26.0	21.3	32.3	30.5	26.2	26.8	21.7
	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
75	T.C.	30.4	32.4	32.5	37.2	42.1	30.7	32.7	33.0	37.7	42.5	31.1	33.0	33.5	38.2	43.0
	S.C.	30.3	28.2	23.9	24.5	20.0	30.7	28.8	24.6	25.2	20.4	31.1	29.4	25.3	25.9	20.9
	K.W.	2.0	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
85	T.C.	29.2	30.6	30.8	35.1	39.7	29.5	30.8	31.2	35.5	40.1	29.9	31.1	31.5	35.9	40.5
	S.C.	29.1	27.0	23.2	23.6	19.1	29.5	27.6	23.9	24.3	19.6	29.9	28.2	24.5	25.0	20.0
	K.W.	2.3	2.3	2.2	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2
95	T.C.	28.0	28.7	29.1	32.9	37.3	28.4	29.0	29.4	33.2	37.7	28.7	29.2	29.6	33.5	38.0
	S.C.	27.9	25.9	22.5	22.8	18.3	28.3	26.5	23.1	23.5	18.7	28.7	27.1	23.6	24.2	19.2
	K.W.	2.6	2.6	2.6	2.5	2.5	2.6	2.6	2.6	2.5	2.5	2.6	2.6	2.6	2.5	2.5
105	T.C.	26.3	26.7	27.0	30.6	34.8	26.8	27.2	27.2	30.8	35.1	27.2	27.6	27.5	31.1	35.4
	S.C.	26.2	24.9	21.5	22.0	17.5	26.7	25.5	22.0	22.6	17.9	27.1	26.2	22.6	23.2	18.4
	K.W.	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
115	T.C.	24.7	24.8	24.9	28.3	32.4	25.3	25.4	25.2	28.5	32.6	25.8	26.1	25.4	28.7	32.9
	S.C.	24.6	23.9	20.5	21.1	16.8	25.1	24.6	21.1	21.7	17.2	25.6	25.4	21.6	22.3	17.5
	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.	23.2	22.8	22.8	26.1	30.0	23.7	23.7	23.1	26.2	30.1	24.3	24.5	23.4	26.3	30.3
	S.C.	23.0	22.9	19.6	20.3	16.1	23.6	23.7	20.1	20.9	16.4	24.1	24.5	20.6	21.4	16.7
	K.W.	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

LOW CFM

Air Handler	Coil	T.C.	S.C.	KW
AHX48	—	1.01	1.03	0.99
AV/SV*48	—	1.00	1.01	1.00
AV/SV*60	—	0.99	0.98	1.00
AHX60	—	1.01	1.03	1.00
F*FV060	—	1.00	1.00	1.00
MV20D	FC/MC60D	1.00	1.00	1.00
MV20D	FC/MC62D	1.01	1.01	0.99
MV20D	FC64D	1.04	1.07	0.98
—	FC64	1.03	1.09	1.11

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Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*C16	FC/PC60C	1.01	1.04	1.01
T*(8,L)X*C20	FC/PC60C	0.96	0.92	0.98
T*9X*C16	FC/PC60C	1.01	1.02	1.01
T*9X*C20	FC/PC60C	1.02	1.07	1.03
T*9X*D20	FC/MC/PC60D	1.04	1.12	1.02
T*9X*D20	FC/MC62D	1.03	1.10	1.02
T*(8,L)X*C16	FC64D	1.04	1.08	1.02
T*(8,L)X*C20	FC64D	0.99	0.94	0.98
T*9X*C16	FC64D	1.03	1.07	1.02
T*9X*C20	FC64D	1.03	1.09	1.11
T*(8,L)X*C16	HD60	1.01	1.04	1.01
T*(8,L)X*C20	HD60	0.96	0.92	0.98
T*9X*C16	HD60	1.01	1.02	1.01
T*9X*C20	HD60	1.02	1.07	1.03
T*9X*D20	HD60	1.04	1.12	1.02
T*(8,L)X*C16	UC60C	1.00	1.02	1.01
T*(8,L)X*C20	UC60C	0.95	0.91	0.98
T*9X*C16	UC60C	1.00	1.02	1.01
T*9X*C20	UC60C	1.01	1.06	1.03
T*9X*D20	UC60D	1.03	1.11	1.02
(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	1.00	1.00	1.02
(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	1.00	1.02	1.02
(C*9C/T*9V)*C16	FC/MC/PC48C	1.00	1.00	1.02
(C*9C/T*9V)*C20	FC/MC/PC48C	1.00	1.01	1.02
(C*9C/T*9V)*D20	FC/MC/PC48D	1.00	1.01	1.02
(C*(8,L)C/T*8V)*C16	FC/PC60C	1.00	1.01	1.01
(C*(8,L)C/T*8V)*C20	FC/PC60C	1.00	1.01	1.00
(C*9C/T*9V)*C16	FC/PC60C	1.00	1.02	1.02

Furnace	Coil	T.C.	S.C.	KW
(C*9C/T*9V)*C20	FC/PC60C	1.01	1.02	1.02
(C*9C/T*9V)*D20	FC/MC/PC60D	1.01	1.03	1.02
(C*9C/T*9V)*D20	FC/MC62D	1.01	1.03	1.02
(C*(8,L)C/T*8V)*C16	FC64D	1.02	1.03	1.00
(C*(8,L)C/T*8V)*C20	FC64D	1.02	1.03	1.00
(C*9C/T*9V)*C16	FC64D	1.02	1.04	1.01
(C*9C/T*9V)*C20	FC64D	1.02	1.04	1.01
(C*9C/T*9V)*D20	HC60	1.01	1.02	1.02
(C*(8,L)C/T*8V)*C16	HD48	0.98	0.98	1.01
(C*(8,L)C/T*8V)*C20	HD48	1.00	1.00	1.02
(C*9C/T*9V)*C16	HD48	0.99	0.99	1.02
(C*9C/T*9V)*C20	HD48	0.99	0.99	1.02
(C*9C/T*9V)*D20	HD48	0.99	0.99	1.02
(C*(8,L)C/T*8V)*C16	HD60	1.00	1.00	1.01
(C*(8,L)C/T*8V)*C20	HD60	1.00	0.99	1.01
(C*9C/T*9V)*C16	HD60	1.00	1.00	1.02
(C*9C/T*9V)*C20	HD60	1.00	1.01	1.02
(C*9C/T*9V)*D20	HD60	1.00	1.01	1.02
(C*(8,L)C/T*8V)*C16	UC48C	1.00	1.00	1.02
(C*(8,L)C/T*8V)*C20	UC48C	1.01	1.02	1.02
(C*9C/T*9V)*C16	UC48C	0.99	1.00	1.02
(C*9C/T*9V)*C20	UC48C	1.00	1.01	1.02
(C*9C/T*9V)*D20	UC48D	1.01	1.02	1.02
(C*(8,L)C/T*8V)*C16	UC60C	0.99	0.98	1.01
(C*(8,L)C/T*8V)*C20	UC60C	0.99	0.98	1.01
(C*9C/T*9V)*C16	UC60C	0.99	0.99	1.03
(C*9C/T*9V)*C20	UC60C	0.99	0.99	1.02
(C*9C/T*9V)*D20	UC60D	0.99	0.99	1.02

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		HC5B048F1(C)														
INDOOR COIL MODEL NO.		FC/MC60D + MV20D														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1500					1600					1700				
	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	62	62	67	72	57
65	T.C.	42.6	46.0	47.1	52.2	59.2	43.3	46.5	47.6	52.8	59.5	44.0	46.9	48.0	53.4	59.7
	S.C.	43.5	41.8	35.9	36.2	29.0	44.2	42.9	37.0	37.3	29.6	44.9	44.0	38.0	38.4	30.2
	K.W.	2.6	2.6	2.6	2.7	2.8	2.6	2.7	2.7	2.8	2.9	2.7	2.7	2.7	2.8	2.9
75	T.C.	41.4	44.1	45.0	50.0	56.4	42.1	44.5	45.4	50.6	56.7	42.7	44.9	45.9	51.1	57.0
	S.C.	42.2	40.7	35.0	35.3	28.0	42.9	41.7	36.1	36.3	28.7	43.6	42.7	37.1	37.4	29.3
	K.W.	2.9	3.0	3.0	3.1	3.2	3.0	3.0	3.0	3.1	3.2	3.0	3.1	3.1	3.2	3.3
85	T.C.	40.2	42.2	42.9	47.8	53.6	40.8	42.6	43.3	48.3	53.9	41.5	43.0	43.7	48.7	54.3
	S.C.	41.0	39.6	34.1	34.3	27.1	41.6	40.6	35.2	35.4	27.7	42.2	41.5	36.2	36.4	28.3
	K.W.	3.3	3.3	3.3	3.4	3.5	3.3	3.3	3.4	3.4	3.5	3.4	3.4	3.4	3.5	3.6
95	T.C.	39.0	40.2	40.8	45.6	50.8	39.6	40.7	41.2	46.0	51.2	40.2	41.1	41.6	46.3	51.5
	S.C.	39.7	38.4	33.3	33.3	26.1	40.3	39.4	34.3	34.4	26.8	40.8	40.3	35.3	35.5	27.4
	K.W.	3.6	3.7	3.7	3.7	3.8	3.7	3.7	3.7	3.8	3.9	3.7	3.7	3.7	3.8	3.9
105	T.C.	36.7	37.5	37.7	42.4	47.2	37.2	37.9	38.1	42.7	47.6	37.7	38.2	38.4	43.0	48.0
	S.C.	37.3	36.4	31.4	32.1	25.2	37.8	37.1	32.4	33.1	25.7	38.2	37.8	33.3	34.1	26.3
	K.W.	4.2	4.2	4.1	4.2	4.3	4.2	4.2	4.2	4.3	4.4	4.2	4.2	4.2	4.3	4.4
115	T.C.	34.5	34.9	34.7	39.3	43.6	34.9	35.2	35.1	39.5	44.1	35.3	35.5	35.4	39.8	44.5
	S.C.	35.0	34.3	29.6	30.9	24.2	35.4	34.8	30.5	31.8	24.7	35.7	35.3	31.3	32.7	25.2
	K.W.	4.6	4.6	4.6	4.7	4.8	4.7	4.7	4.7	4.8	4.8	4.7	4.7	4.7	4.8	4.9
125	T.C.	32.3	32.3	31.8	36.2	40.1	32.6	32.5	32.0	36.4	40.6	32.8	32.7	32.3	36.5	41.0
	S.C.	32.7	32.3	27.9	29.6	23.3	32.9	32.6	28.6	30.5	23.7	33.2	32.8	29.3	31.4	24.1
	K.W.	5.1	5.1	5.1	5.2	5.3	5.2	5.2	5.1	5.2	5.3	5.2	5.2	5.2	5.3	5.4

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
AHX48	—	1.00	1.04	0.95
AHX60	—	1.01	1.05	0.96
AV/SV*48	—	1.01	1.02	0.95
AV/SV*60	—	1.00	1.00	0.94
F*FV060	—	0.95	1.00	0.95
MV20D	FC/MC60D	1.00	1.00	1.00
MV20D	FC/MC62D	1.01	1.01	1.01
MV20D	FC64D	1.04	1.06	1.01
—	FC64	1.02	1.03	1.06

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Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*C16	FC/PC60C	1.00	1.01	0.96
T*(8,L)X*C20	FC/PC60C	1.00	1.00	0.95
T*9X*C16	FC/PC60C	1.00	1.00	0.96
T*9X*C20	FC/PC60C	1.00	1.02	0.95
T*9X*D20	FC/MC/PC60D	1.00	0.99	0.91
T*9X*D20	FC/MC62D	1.01	1.03	0.96
T*(8,L)X*C16	FC64D	1.03	1.05	1.02
T*(8,L)X*C20	FC64D	1.04	1.07	1.03
T*9X*C16	FC64D	1.03	1.03	1.03
T*9X*C20	FC64D	1.03	1.05	1.05
T*(8,L)X*C16	HD60	1.00	1.01	0.96
T*(8,L)X*C20	HD60	1.00	1.00	0.95
T*9X*C16	HD60	1.00	1.00	0.96
T*9X*C20	HD60	1.00	1.02	0.95
T*9X*D20	HD60	1.00	0.99	0.91
T*(8,L)X*C16	UC60C	1.00	1.00	0.95
T*(8,L)X*C20	UC60C	1.00	1.00	0.91
T*9X*C16	UC60C	1.00	1.00	0.96
T*9X*C20	UC60C	1.00	1.01	0.95
T*9X*D20	UC60D	0.99	0.98	0.91
(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	1.00	0.99	1.03
(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	1.00	0.99	1.03
(C*9C/T*9V)*C16	FC/MC/PC48C	0.98	0.98	1.03
(C*9C/T*9V)*C20	FC/MC/PC48C	0.98	0.98	1.03
(C*9C/T*9V)*D20	FC/MC/PC48D	1.00	0.99	1.03
(C*(8,L)C/T*8V)*C16	FC/PC60C	0.99	1.00	1.02
(C*(8,L)C/T*8V)*C20	FC/PC60C	1.00	1.01	1.01
(C*9C/T*9V)*C16	FC/PC60C	0.99	1.00	1.03

Furnace	Coil	T.C.	S.C.	KW
(C*9C/T*9V)*C20	FC/PC60C	0.99	1.00	1.03
(C*9C/T*9V)*D20	FC/MC/PC60D	0.99	1.00	1.03
(C*9C/T*9V)*D20	FC/MC62D	1.00	1.01	1.03
(C*(8,L)C/T*8V)*C16	FC64D	1.04	1.06	1.03
(C*(8,L)C/T*8V)*C20	FC64D	1.03	1.05	1.02
(C*9C/T*9V)*C16	FC64D	1.03	1.03	1.03
(C*9C/T*9V)*C20	FC64D	1.03	1.05	1.05
(C*9C/T*9V)*D20	HC60	0.98	0.99	1.02
(C*(8,L)C/T*8V)*C16	HD48	0.98	0.97	1.03
(C*(8,L)C/T*8V)*C20	HD48	0.98	0.97	1.03
(C*9C/T*9V)*C16	HD48	0.97	0.96	1.03
(C*9C/T*9V)*C20	HD48	0.97	0.96	1.03
(C*9C/T*9V)*D20	HD48	0.98	0.97	1.03
(C*(8,L)C/T*8V)*C16	HD60	0.99	1.00	1.02
(C*(8,L)C/T*8V)*C20	HD60	1.00	1.00	1.01
(C*9C/T*9V)*C16	HD60	0.99	1.00	1.03
(C*9C/T*9V)*C20	HD60	0.99	1.00	1.03
(C*9C/T*9V)*D20	HD60	0.99	1.00	1.03
(C*(8,L)C/T*8V)*C16	UC48C	0.99	0.99	1.03
(C*(8,L)C/T*8V)*C20	UC48C	0.99	0.99	1.03
(C*9C/T*9V)*C16	UC48C	0.98	0.96	1.04
(C*9C/T*9V)*C20	UC48C	0.98	0.94	1.03
(C*9C/T*9V)*D20	UC48D	0.98	0.99	1.03
(C*(8,L)C/T*8V)*C16	UC60C	0.99	0.98	1.02
(C*(8,L)C/T*8V)*C20	UC60C	0.99	0.98	1.00
(C*9C/T*9V)*C16	UC60C	0.99	0.98	1.03
(C*9C/T*9V)*C20	UC60C	0.99	0.98	1.03
(C*9C/T*9V)*D20	UC60D	0.99	0.98	1.02

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		HC5B060F1(C)														
INDOOR COIL MODEL NO.		MC61D + MV20D														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1100					1150					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	62	62	67	72	57
65	T.C.	37.0	39.7	40.4	44.5	49.2	37.7	40.2	40.9	44.9	49.8	38.4	40.8	41.4	45.2	50.3
	S.C.	37.9	34.8	29.7	29.4	24.3	38.6	36.1	30.4	30.1	23.9	39.2	37.3	31.1	30.7	23.6
	K.W.	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
75	T.C.	35.5	37.7	38.3	42.3	46.9	36.1	38.2	38.7	42.7	47.3	36.8	38.7	39.1	43.1	47.8
	S.C.	36.3	33.7	28.7	28.5	23.1	37.0	34.7	29.3	29.2	23.1	37.6	35.8	30.0	29.8	23.1
	K.W.	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85	T.C.	34.0	35.7	36.1	40.2	44.6	34.6	36.2	36.4	40.6	44.9	35.1	36.6	36.8	41.1	45.3
	S.C.	34.8	32.5	27.7	27.7	21.9	35.4	33.4	28.3	28.3	22.3	36.0	34.3	28.9	28.9	22.6
	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	2.9
95	T.C.	32.5	33.7	33.9	38.0	42.3	33.0	34.1	34.2	38.5	42.5	33.5	34.5	34.5	39.0	42.7
	S.C.	33.3	31.4	26.6	26.8	20.8	33.8	32.1	27.2	27.4	21.4	34.3	32.7	27.8	28.0	22.1
	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
105	T.C.	30.7	31.5	31.5	35.5	39.4	31.2	31.9	31.8	35.8	39.6	31.6	32.2	32.2	36.1	39.7
	S.C.	31.4	30.1	25.6	25.7	19.9	31.9	30.7	26.2	26.3	20.5	32.4	31.3	26.8	27.0	21.0
	K.W.	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.8	3.8
115	T.C.	29.0	29.3	29.3	33.1	36.5	29.4	29.7	29.5	33.2	36.7	29.8	30.0	29.8	33.3	36.8
	S.C.	29.7	28.9	24.5	24.6	19.0	30.1	29.4	25.2	25.3	19.5	30.5	30.0	25.8	25.9	20.0
	K.W.	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
125	T.C.	27.3	27.1	27.0	30.6	33.7	27.6	27.5	27.2	30.5	33.8	27.9	27.8	27.5	30.4	33.9
	S.C.	27.9	27.6	23.4	23.6	18.2	28.2	28.1	24.1	24.2	18.5	28.5	28.6	24.9	24.9	18.9
	K.W.	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

LOW CFM

Air Handler	Coil	T.C.	S.C.	KW
AHX60	-	0.98	0.96	1.00
AV/SV*60	-	0.99	0.95	1.00
F*FV060	-	1.00	1.00	1.01
MV20D	FC/MC60D	1.00	1.00	1.01
MV20D	FC64D	1.01	1.02	0.99
MV20D	FC/MC62D	1.00	1.00	1.00
-	FC64	1.03	1.07	1.04

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*C20	FC/PC60C	0.94	0.86	0.98
T*9X*C20	FC/PC60C	0.99	0.99	1.02
T*9X*D20	FC/MC/PC60D	1.02	1.04	1.01
T*(8,L)X*C20	FC/MC/PC60D	0.95	0.88	0.98
T*9X*C20	FC/MC/PC60D	1.01	1.03	1.01
T*(8,L)X*C20	FC/MC62D	0.93	0.86	0.98
T*9X*C20	FC/MC62D	1.00	1.01	1.02
T*9X*D20	FC/MC62D	1.01	1.02	1.01
T*(8,L)X*C20	FC64D	0.96	0.88	0.98
T*9X*C20	FC64D	1.03	1.04	1.03
T*9X*D20	FC64D	1.03	1.05	1.03
T*(8,L)X*C20	HD60	0.94	0.86	0.98
T*9X*C20	HD60	0.99	0.99	1.02
T*9X*D20	HD60	1.02	1.04	1.01

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*C20	UC60C	0.93	0.86	0.98
T*9X*C20	UC60C	0.99	0.99	1.02
T*9X*D20	UC60D	1.01	1.03	1.01
T*(8,L)X*C20	UC60D	0.94	0.87	0.98
T*9X*C20	UC60D	1.00	1.02	1.01
(C*(8,L)C/T*8V)*C20	FC/PC60C	1.04	0.96	1.03
(C*9C/T*9V)*C20	FC/PC60C	1.06	0.98	1.04
(C*(8,L)C/T*8V)*C20	FC/MC/PC60D	1.05	0.97	1.03
(C*9C/T*9V)*C20	FC/MC/PC60D	1.05	0.97	1.04
(C*9C/T*9V)*D20	FC/MC/PC60D	1.06	0.99	1.04
(C*(8,L)C/T*8V)*C20	FC/MC62D	1.04	0.97	1.03
(C*9C/T*9V)*C20	FC/MC62D	1.04	0.97	1.04
(C*9C/T*9V)*D20	FC/MC62D	1.05	0.99	1.04
(C*(8,L)C/T*8V)*C20	FC64D	1.00	0.96	1.00
(C*9C/T*9V)*C20	FC64D	1.00	0.96	1.01
(C*9C/T*9V)*D20	FC64D	1.00	0.99	1.00
(C*9C/T*9V)*D20	HC60	1.05	0.98	1.05
(C*(8,L)C/T*8V)*C20	HD60	1.04	0.96	1.03
(C*9C/T*9V)*C20	HD60	1.04	0.97	1.04
(C*9C/T*9V)*D20	HD60	1.04	0.98	1.04
(C*9C/T*9V)*D20	UC60D	1.03	0.96	1.04
(C*(8,L)C/T*8V)*C20	UC60C	1.03	0.95	1.03
(C*9C/T*9V)*C20	UC60C	1.04	0.96	1.04
(C*9C/T*9V)*D20	UC60D	1.03	0.96	1.04

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		HC5B060F1(C)														
INDOOR COIL MODEL NO.		MC61D + MV20D														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1600					1800					2000				
	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	62	62	67	72	57
65	T.C.	53.2	56.9	56.8	59.8	61.0	54.1	57.0	57.4	59.5	60.9	55.0	57.1	58.0	59.2	60.7
	S.C.	53.6	50.4	42.0	41.8	29.6	54.6	51.9	43.0	41.7	29.8	55.6	53.4	44.0	41.5	30.1
	K.W.	3.5	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.6	3.7	3.6	3.7	3.7
75	T.C.	51.2	54.1	54.1	57.8	60.2	52.0	54.4	54.6	57.7	60.2	52.8	54.6	55.1	57.6	60.2
	S.C.	51.7	48.7	40.8	40.6	29.6	52.5	50.0	41.8	40.8	29.8	53.3	51.2	42.8	40.9	30.1
	K.W.	4.0	4.0	4.0	4.1	4.1	4.0	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.2	4.2
85	T.C.	49.2	51.3	51.4	55.7	59.5	49.9	51.7	51.9	55.8	59.6	50.6	52.0	52.3	56.0	59.7
	S.C.	49.7	47.0	39.6	39.3	29.5	50.4	48.0	40.6	39.8	29.8	51.1	48.9	41.6	40.3	30.1
	K.W.	4.4	4.5	4.5	4.6	4.6	4.5	4.5	4.5	4.6	4.7	4.6	4.6	4.6	4.7	4.7
95	T.C.	47.2	48.6	48.7	53.6	58.7	47.8	49.0	49.1	54.0	58.9	48.4	49.5	49.4	54.4	59.1
	S.C.	47.8	45.3	38.4	38.0	29.5	48.3	46.0	39.4	38.9	29.8	48.8	46.7	40.4	39.7	30.1
	K.W.	4.9	4.9	4.9	5.0	5.1	5.0	5.0	5.0	5.1	5.2	5.0	5.1	5.0	5.2	5.2
105	T.C.	44.4	45.5	45.5	50.0	54.9	45.0	45.9	45.8	50.2	55.1	45.5	46.2	46.1	50.5	55.3
	S.C.	44.9	43.3	36.9	36.7	28.2	45.4	43.9	37.8	37.5	28.4	45.8	44.5	38.7	38.2	28.7
	K.W.	5.6	5.6	5.6	5.7	5.8	5.6	5.7	5.7	5.8	5.9	5.7	5.8	5.7	5.8	5.9
115	T.C.	41.7	42.6	42.4	46.4	51.1	42.2	42.8	42.6	46.5	51.3	42.7	43.0	42.8	46.6	51.5
	S.C.	42.1	41.4	35.5	35.3	26.9	42.5	41.9	36.3	36.1	27.1	43.0	42.3	37.1	36.8	27.3
	K.W.	6.2	6.3	6.2	6.4	6.5	6.3	6.3	6.3	6.4	6.5	6.4	6.4	6.4	6.5	6.6
125	T.C.	38.9	39.7	39.3	42.9	47.4	39.4	39.7	39.4	42.9	47.6	39.9	39.8	39.6	42.8	47.8
	S.C.	39.3	39.5	34.1	34.0	25.6	39.7	39.8	34.8	34.7	25.8	40.1	40.2	35.5	35.3	26.0
	K.W.	6.9	6.9	6.9	7.0	7.1	7.0	7.0	7.0	7.1	7.2	7.1	7.1	7.0	7.1	7.3

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
AHX60	-	0.96	0.94	1.00
AV/SV*60	-	0.96	0.94	1.00
F*FV060	-	0.99	0.96	1.01
MV20D	FC/MC60D	0.99	0.96	1.01
MV20D	FC64D	1.01	1.03	0.98
MV20D	FC/MC62D	1.00	1.00	1.00
-	FC64	1.00	1.00	0.97

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*C20	FC/PC60C	0.94	0.90	0.99
T*9X*C20	FC/PC60C	0.95	0.91	0.99
T*9X*D20	FC/MC/PC60D	0.96	0.94	0.98
T*(8,L)X*C20	FC/MC/PC60D	0.96	0.93	0.98
T*9X*C20	FC/MC/PC60D	0.95	0.92	0.98
T*(8,L)X*C20	FC/MC62D	0.96	0.95	0.99
T*9X*C20	FC/MC62D	0.96	0.92	0.99
T*9X*D20	FC/MC62D	0.96	0.94	1.00
T*(8,L)X*C20	FC64D	1.00	0.99	0.97
T*9X*C20	FC64D	0.99	0.96	0.96
T*9X*D20	FC64D	1.00	0.97	0.97
T*(8,L)X*C20	HD60	0.94	0.90	0.99
T*9X*C20	HD60	0.95	0.91	0.99
T*9X*D20	HD60	0.96	0.94	0.98

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*C20	UC60C	0.94	0.90	0.99
T*9X*C20	UC60C	0.94	0.91	0.99
T*9X*D20	UC60D	0.96	0.94	0.98
T*(8,L)X*C20	UC60D	0.95	0.93	0.98
T*9X*C20	UC60D	0.95	0.91	0.98
(C*(8,L)C/T*8V)*C20	FC/PC60C	0.98	0.94	0.99
(C*9C/T*9V)*C20	FC/PC60C	0.97	0.93	1.01
(C*(8,L)C/T*8V)*C20	FC/MC/PC60D	0.97	0.94	0.99
(C*9C/T*9V)*C20	FC/MC/PC60D	0.97	0.93	1.01
(C*9C/T*9V)*D20	FC/MC/PC60D	0.97	0.93	1.00
(C*(8,L)C/T*8V)*C20	FC/MC62D	0.98	0.95	0.99
(C*9C/T*9V)*C20	FC/MC62D	0.98	0.95	1.02
(C*9C/T*9V)*D20	FC/MC62D	0.98	0.95	1.01
(C*(8,L)C/T*8V)*C20	FC64D	1.00	0.97	0.97
(C*9C/T*9V)*C20	FC64D	0.99	0.97	0.96
(C*9C/T*9V)*D20	FC64D	0.99	0.97	0.96
(C*9C/T*9V)*D20	HC60	0.97	0.93	1.00
(C*(8,L)C/T*8V)*C20	HD60	0.97	0.94	0.99
(C*9C/T*9V)*C20	HD60	0.97	0.94	1.01
(C*9C/T*9V)*D20	HD60	0.97	0.93	1.00
(C*9C/T*9V)*D20	UC60D	0.96	0.92	1.00
(C*(8,L)C/T*8V)*C20	UC60C	0.96	0.92	0.99
(C*9C/T*9V)*C20	UC60C	0.96	0.91	1.01
(C*9C/T*9V)*D20	UC60D	0.96	0.91	1.00

HEATING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		HC5B024F1(C)								
INDOOR COIL MODEL NO.		FC/MC/PC36B + MV12B								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		550			600			650		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	23.4	1.6	4.3	23.5	1.5	4.5	23.7	1.5	4.8
	70	21.7	1.8	3.6	22.1	1.7	3.8	22.5	1.7	4.0
	80	20.1	2.0	3.0	20.7	1.9	3.2	21.4	1.9	3.4
47	60	19.5	1.5	3.8	19.5	1.4	4.0	19.6	1.4	4.1
	70	18.8	1.7	3.2	18.9	1.7	3.3	19.0	1.6	3.4
	80	18.1	2.0	2.7	18.3	1.9	2.8	18.4	1.9	2.9
40	60	16.8	1.4	3.5	16.7	1.3	3.6	16.7	1.3	3.8
	70	15.7	1.6	2.9	16.0	1.6	3.0	16.2	1.5	3.2
	80	14.6	1.8	2.4	15.2	1.8	2.5	15.8	1.7	2.7
30	60	15.4	1.3	3.4	15.4	1.3	3.5	15.5	1.3	3.6
	70	14.4	1.5	2.8	14.4	1.5	2.9	14.5	1.4	3.0
	80	13.3	1.6	2.4	13.4	1.6	2.4	13.5	1.6	2.5
17	60	12.3	1.4	2.5	12.3	1.4	2.6	12.4	1.4	2.7
	70	10.7	1.6	1.9	10.9	1.6	2.0	11.1	1.6	2.1
	80	9.2	1.8	1.5	9.5	1.8	1.5	9.8	1.8	1.6
10	60	10.5	1.4	2.2	10.7	1.4	2.3	10.8	1.3	2.4
	70	9.4	1.5	1.8	9.6	1.5	1.9	9.8	1.5	2.0
	80	8.3	1.6	1.5	8.5	1.6	1.6	8.8	1.6	1.6

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

Multipliers for determining the performance with other indoor section.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

LOW CFM

Air Handler	Coil	MBH	KW	COP
AHX24	—	0.97	0.96	1.02
AHX30	—	0.98	0.98	1.00
AV*36	—	1.74	1.31	1.19
MV12B	FC/MC30B	1.00	1.00	1.00
MV12B	FC/MC35B	1.00	1.00	1.00
MV12B	FC/MC36B	1.00	1.00	1.00
MV12B	FC/MC42B	1.00	1.00	1.00
MV16C	FC/MC35C	1.00	1.00	1.00
MV16C	FC/MC42C	1.00	1.00	1.00

Continued on next page.

Furnace	Coil	MBH	KW	COP
T*(8,L)X*A12	FC/MC/PC32A	0.98	0.97	1.01
T*(8,L)X*B12	FC/MC/PC35B	0.99	1.05	0.94
T*9X*B12	FC/MC/PC35B	0.99	1.02	0.97
T*(8,L)X*A12	FC/MC/PC36A	0.98	1.00	0.98
T*(8,L)X*B12	FC/MC/PC36B	0.99	1.06	0.94
T*9X*B12	FC/MC/PC36B	0.99	1.03	0.96
T*(8,L)X*A12	FC/MC/PC37A	0.98	1.06	0.92
T*(8,L)X*B12	FC/MC/PC43B	0.99	1.09	0.91
T*9X*B12	FC/MC/PC43B	0.98	1.06	0.92
T*(8,L)X*A12	UC36A	0.89	0.84	1.06
T*(8,L)X*B12	UC36B	0.91	0.93	0.98
T*9X*B12	UC36B	0.90	0.87	1.02
T*(8,L)X*A12	HD36	0.98	0.97	1.01
T*(8,L)X*B12	HD36	0.99	1.05	0.94
T*9X*B12	HD36	0.99	1.02	0.97
(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	0.99	0.99	0.99
(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	0.99	1.01	0.98
(C*9C/T*9V)*B12	FC/MC/PC24B	0.99	1.00	0.99
(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	0.99	0.99	0.99
(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	0.99	1.01	0.98
(C*9C/T*9V)*B12	FC/MC/PC30B	0.99	1.00	0.99

Furnace	Coil	MBH	KW	COP
(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	0.95	0.97	0.99
(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	0.94	0.95	0.99
(C*9C/T*9V)*B12	FC/MC/PC35B	0.97	0.97	0.99
(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	0.99	1.01	0.98
(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	0.98	0.98	1.00
(C*9C/T*9V)*B12	FC/MC/PC36B	0.96	1.01	0.96
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	0.99	1.01	0.98
(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	0.98	0.98	1.00
(C*9C/T*9V)*B12	FC/MC/PC43B	0.99	1.00	0.99
(C*(8,L)C/T*8V)*A12	HC30	0.98	0.95	1.03
(C*(8,L)C/T*8V)*A12	HD36	0.89	0.79	1.12
(C*(8,L)C/T*8V)*B12	HD36	0.89	0.70	1.26
(C*9C/T*9V)*B12	HD36	0.90	0.78	1.16
(C*(8,L)C/T*8V)*A12	UC24A	0.99	1.00	0.99
(C*(8,L)C/T*8V)*B12	UC24B	0.99	1.02	0.97
(C*9C/T*9V)*B12	UC24B	0.99	1.01	0.98
(C*(8,L)C/T*8V)*A12	UC30A	0.99	1.00	0.99
(C*(8,L)C/T*8V)*B12	UC30B	0.98	1.00	0.98
(C*9C/T*9V)*B12	UC30B	0.99	0.99	0.99
(C*(8,L)C/T*8V)*A12	UC36A	0.86	0.85	1.01
(C*(8,L)C/T*8V)*B12	UC36B	0.94	0.93	1.01
(C*9C/T*9V)*B12	UC36B	0.86	0.85	1.01

HEATING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		HC5B024F1(C)								
INDOOR COIL MODEL NO.		FC/MC/PC36B + MV12B								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		700			800			900		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	33.2	2.1	4.7	33.2	2.0	4.9	33.2	1.9	5.2
	70	31.9	2.3	4.0	32.0	2.2	4.2	32.1	2.1	4.5
	80	30.6	2.6	3.5	30.8	2.5	3.7	31.0	2.3	3.9
47	60	25.1	2.0	3.7	25.8	1.9	3.9	26.4	1.8	4.2
	70	24.2	2.3	3.1	25.0	2.2	3.4	25.8	2.1	3.6
	80	23.3	2.5	2.7	24.2	2.4	2.9	25.2	2.4	3.1
40	60	23.2	2.0	3.4	23.3	1.9	3.6	23.4	1.8	3.8
	70	21.6	2.4	2.6	21.4	2.2	2.8	21.1	2.0	3.1
	80	20.0	2.8	2.1	19.4	2.5	2.2	18.8	2.2	2.5
30	60	20.4	1.9	3.1	20.6	1.8	3.3	20.8	1.8	3.4
	70	21.6	2.3	2.8	21.8	2.2	2.9	21.9	2.1	3.0
	80	22.9	2.7	2.5	22.9	2.6	2.6	23.0	2.4	2.8
17	60	16.9	1.8	2.7	16.6	1.8	2.7	16.3	1.7	2.8
	70	15.6	2.0	2.3	15.6	1.9	2.4	15.6	1.9	2.4
	80	14.3	2.1	2.0	14.6	2.1	2.1	15.0	2.1	2.1
10	60	13.6	1.7	2.3	13.4	1.7	2.3	13.3	1.7	2.3
	70	13.3	2.1	1.9	13.3	2.0	1.9	13.3	2.0	2.0
	80	13.1	2.4	1.6	13.2	2.3	1.7	13.4	2.2	1.8

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

Multipliers for determining the performance with other indoor section.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

HIGH CFM

Air Handler	Coil	MBH	KW	COP
AHX24	—	0.93	0.98	0.89
AHX30	—	0.93	1.01	0.86
AV*36	—	0.93	1.02	0.86
MV12B	FC/MC30B	0.99	1.00	0.99
MV12B	FC/MC35B	0.99	1.00	0.99
MV12B	FC/MC36B	0.99	1.00	0.99
MV12B	FC/MC42B	0.99	1.00	0.99
MV16C	FC/MC35C	0.99	1.00	0.99
MV16C	FC/MC42C	0.99	1.00	0.99

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Furnace	Coil	MBH	KW	COP
T*(8,L)X*A12	FC/MC/PC32A	0.93	1.02	0.85
T*(8,L)X*B12	FC/MC/PC35B	0.93	1.05	0.84
T*9X*B12	FC/MC/PC35B	0.93	1.02	0.86
T*(8,L)X*A12	FC/MC/PC36A	0.93	1.04	0.84
T*(8,L)X*B12	FC/MC/PC36B	0.93	1.03	0.84
T*9X*B12	FC/MC/PC36B	0.93	1.02	0.85
T*(8,L)X*A12	FC/MC/PC37A	0.93	1.07	0.82
T*(8,L)X*B12	FC/MC/PC43B	0.93	1.07	0.82
T*9X*B12	FC/MC/PC43B	0.93	1.07	0.82
T*(8,L)X*A12	UC36A	0.93	1.00	0.87
T*(8,L)X*B12	UC36B	0.93	1.02	0.85
T*9X*B12	UC36B	0.93	0.99	0.88
T*(8,L)X*A12	HD36	0.93	1.02	0.85
T*(8,L)X*B12	HD36	0.93	1.05	0.84
T*9X*B12	HD36	0.93	1.02	0.86
(C*(8,L)C/T*8V)*A12	FC/MC/PC24A	1.00	0.99	0.90
(C*(8,L)C/T*8V)*B12	FC/MC/PC24B	0.99	1.00	0.89
(C*9C/T*9V)*B12	FC/MC/PC24B	1.00	0.99	0.90
(C*(8,L)C/T*8V)*A12	FC/MC/PC30A	1.00	0.99	0.90
(C*(8,L)C/T*8V)*B12	FC/MC/PC30B	0.99	1.00	0.89
(C*9C/T*9V)*B12	FC/MC/PC30B	1.00	0.99	0.90

Furnace	Coil	MBH	KW	COP
(C*(8,L)C/T*8V)*A12	FC/MC/PC32A	1.00	0.98	0.91
(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	0.99	0.99	0.90
(C*9C/T*9V)*B12	FC/MC/PC35B	1.00	1.00	0.90
(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	1.00	1.01	0.89
(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	0.99	1.00	0.88
(C*9C/T*9V)*B12	FC/MC/PC36B	1.00	1.01	0.88
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	1.07	1.06	0.90
(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	0.99	1.01	0.88
(C*9C/T*9V)*B12	FC/MC/PC43B	1.00	1.02	0.88
(C*(8,L)C/T*8V)*A12	HC30	1.06	1.00	0.95
(C*(8,L)C/T*8V)*A12	HD36	1.01	0.84	1.07
(C*(8,L)C/T*8V)*B12	HD36	1.00	0.82	1.09
(C*9C/T*9V)*B12	HD36	1.01	0.85	1.06
(C*(8,L)C/T*8V)*A12	UC24A	1.00	1.00	0.89
(C*(8,L)C/T*8V)*B12	UC24B	0.99	1.01	0.88
(C*9C/T*9V)*B12	UC24B	1.00	1.00	0.89
(C*(8,L)C/T*8V)*A12	UC30A	1.00	1.00	0.89
(C*(8,L)C/T*8V)*B12	UC30B	0.99	1.01	0.88
(C*9C/T*9V)*B12	UC30B	1.00	1.00	0.90
(C*(8,L)C/T*8V)*A12	UC36A	0.99	0.98	0.91
(C*(8,L)C/T*8V)*B12	UC36B	0.99	0.97	0.91
(C*9C/T*9V)*B12	UC36B	0.99	0.98	0.90

HEATING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		HC5B036F1(C)								
INDOOR COIL MODEL NO.		FC/MC/PC48C + MV16C								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		750			800			850		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	27.9	1.8	4.6	28.2	1.7	4.8	28.5	1.7	5.0
	70	26.6	2.0	3.9	27.0	2.0	4.1	27.4	1.9	4.2
	80	25.4	2.2	3.3	25.9	2.2	3.5	26.4	2.1	3.6
47	60	25.4	1.7	4.3	24.8	1.7	4.3	24.3	1.6	4.3
	70	23.7	2.0	3.5	23.6	1.9	3.6	23.5	1.9	3.7
	80	22.0	2.2	2.9	22.4	2.1	3.1	22.7	2.1	3.2
40	60	21.7	1.7	3.7	21.9	1.7	3.8	22.1	1.6	4.0
	70	20.8	1.9	3.2	21.1	1.9	3.3	21.4	1.9	3.4
	80	19.9	2.2	2.7	20.3	2.1	2.8	20.7	2.1	2.9
30	60	19.9	1.7	3.5	19.4	1.7	3.4	18.9	1.7	3.3
	70	18.6	1.9	2.9	18.3	1.9	2.9	18.1	1.9	2.8
	80	17.2	2.1	2.4	17.2	2.1	2.4	17.3	2.0	2.5
17	60	15.0	1.7	2.6	15.0	1.6	2.7	15.1	1.6	2.7
	70	14.3	1.9	2.2	14.3	1.9	2.3	14.4	1.8	2.3
	80	13.5	2.1	1.9	13.6	2.1	1.9	13.7	2.0	2.0
10	60	13.6	1.7	2.4	13.5	1.6	2.4	13.4	1.6	2.5
	70	12.7	1.9	2.0	12.6	1.8	2.0	12.6	1.8	2.0
	80	11.7	2.1	1.7	11.8	2.0	1.7	11.8	2.0	1.7

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

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

LOW CFM

Air Handler	Coil	MBH	KW	COP
AHX36	—	0.99	1.00	0.99
AHX42	—	1.02	1.10	0.94
AHX48	—	1.01	1.08	0.93
AV*36	—	1.01	1.00	1.01
AV/SV*48	—	1.02	1.03	1.00
MV12B	FC/MC35B	1.00	1.00	1.00
MV12B	FC/MC42B	1.00	1.00	1.00
MV16C	FC/MC48C	1.00	1.00	1.00
MV12D	FC/MC48D	1.00	1.00	1.00

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Furnace	Coil	MBH	KW	COP
T*(8,L)X*A12	FC/MC/PC32A	0.99	0.96	1.03
T*(8,L)X*B12	FC/MC/PC35B	0.99	1.00	1.00
T*(8,L)X*C16	FC/MC/PC35C	0.97	0.88	1.10
T*(8,L)X*C20	FC/MC/PC35C	0.99	0.96	1.03
T*9X*B12	FC/MC/PC35B	0.99	0.97	1.02
T*9X*C16	FC/MC/PC35C	0.98	0.94	1.05
T*9X*C20	FC/MC/PC35C	0.99	0.98	1.01
T*(8,L)X*A12	FC/MC/PC37A	1.00	1.02	0.98
T*(8,L)X*B12	FC/MC/PC43B	1.00	1.02	0.98
T*(8,L)X*C16	FC/MC/PC43C	0.97	0.92	1.05
T*(8,L)X*C20	FC/MC/PC43C	1.00	1.02	0.99
T*9X*B12	FC/MC/PC43B	1.00	1.02	0.98
T*9X*C16	FC/MC/PC43C	0.99	0.97	1.01
T*9X*C20	FC/MC/PC43C	1.00	1.02	0.98
T*(8,L)X*C16	FC/MC/PC48C	0.98	0.94	1.04
T*(8,L)X*C20	FC/MC/PC48C	1.00	1.02	0.99
T*9X*C16	FC/MC/PC48C	0.99	0.99	1.00
T*9X*C20	FC/MC/PC48C	1.00	1.02	0.98
T*(8,L)X*C16	UC48C	1.01	1.00	1.01
T*(8,L)X*C20	UC48C	1.03	1.07	0.96
T*9X*C16	UC48C	1.01	1.04	0.97
T*9X*C20	UC48C	1.02	1.07	0.95
T*(8,L)X*B12	HD48	1.00	1.02	0.98
T*(8,L)X*C16	HD48	0.98	0.94	1.04
T*9X*B12	HD48	1.00	1.02	0.98
T*9X*C16	HD48	0.99	0.99	1.00
T*9X*C20	HD48	1.00	1.02	0.98
(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	0.99	0.96	1.04
(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	1.01	0.98	1.02
(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	1.03	1.03	1.00
(C*9C/T*9V)*B12	FC/MC/PC35B	1.03	0.97	1.06
(C*9C/T*9V)*C20	FC/MC/PC35C	1.00	0.96	1.04
(C*9C/T*9V)*C16	FC/MC/PC35C	1.01	0.99	1.02
(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	1.01	0.98	1.03
(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	1.00	0.97	1.03
(C*(8,L)C/T*8V)*C16	FC/MC/PC36C	1.00	1.00	1.01

Furnace	Coil	MBH	KW	COP
(C*(8,L)C/T*8V)*C20	FC/MC/PC36C	1.00	1.00	1.00
(C*9C/T*9V)*B12	FC/MC/PC36B	1.00	0.99	1.02
(C*9C/T*9V)*C16	FC/MC/PC36C	1.01	1.01	1.00
(C*9C/T*9V)*C20	FC/MC/PC36C	1.00	0.98	1.03
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	0.99	0.94	1.06
(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	1.00	0.98	1.02
(C*(8,L)C/T*8V)*C16	FC/MC/PC43C	1.00	1.01	1.00
(C*(8,L)C/T*8V)*C20	FC/MC/PC43C	0.99	0.99	1.01
(C*9C/T*9V)*C16	FC/MC/PC43C	1.01	1.00	1.00
(C*9C/T*9V)*C20	FC/MC/PC43C	1.00	1.01	0.99
(C*9C/T*9V)*B12	FC/MC/PC43B	1.01	1.00	1.01
(C*9C/T*9V)*C20	FC/MC/PC48C	1.00	0.98	1.01
(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	1.00	1.01	0.99
(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	0.99	0.98	1.01
(C*9C/T*9V)*C16	FC/MC/PC48C	1.00	1.00	1.00
(C*(8,L)C/T*8V)*C16	HC42	1.01	1.01	1.00
(C*(8,L)C/T*8V)*C20	HC42	0.99	0.99	1.01
(C*9C/T*9V)*C16	HC42	1.01	1.00	1.01
(C*9C/T*9V)*C20	HC42	1.01	1.01	1.00
(C*(8,L)C/T*8V)*B12	HD48	0.97	0.84	1.15
(C*(8,L)C/T*8V)*C20	HD48	0.96	0.83	1.16
(C*9C/T*9V)*B12	HD48	0.96	0.82	1.17
(C*(8,L)C/T*8V)*C16	HD48	0.97	0.88	1.10
(C*9C/T*9V)*C16	HD48	0.97	0.88	1.11
(C*9C/T*9V)*C20	HD48	0.97	0.84	1.15
(C*(8,L)C/T*8V)*A12	UC36A	1.01	0.96	1.05
(C*(8,L)C/T*8V)*B12	UC36B	1.00	0.95	1.05
(C*(8,L)C/T*8V)*C16	UC36C	1.00	0.97	1.03
(C*(8,L)C/T*8V)*C20	UC36C	1.00	0.97	1.03
(C*9C/T*9V)*B12	UC36B	1.00	0.96	1.04
(C*9C/T*9V)*C16	UC36C	1.01	0.99	1.02
(C*9C/T*9V)*C20	UC36C	1.00	0.95	1.05
(C*(8,L)C/T*8V)*C16	UC48C	1.03	1.07	0.97
(C*9C/T*9V)*C16	UC48C	1.03	1.06	0.97
(C*(8,L)C/T*8V)*C20	UC48C	1.03	1.03	0.99
(C*9C/T*9V)*C20	UC48C	1.03	1.04	0.99

HEATING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		HC5B036F1(C)								
INDOOR COIL MODEL NO.		FC/MC/PC48C + MV16C								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1100			1200			1300		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	37.7	2.6	4.3	38.4	2.5	4.5	39.1	2.4	4.7
	70	36.7	2.8	3.8	37.2	2.7	4.0	37.8	2.7	4.1
	80	35.7	3.0	3.4	36.0	3.0	3.6	36.5	2.9	3.7
47	60	34.5	2.4	4.2	34.3	2.4	4.3	34.2	2.3	4.3
	70	32.9	2.7	3.6	33.0	2.6	3.7	33.2	2.6	3.8
	80	31.3	2.9	3.1	31.7	2.9	3.2	32.1	2.8	3.3
40	60	30.4	2.3	3.8	30.7	2.3	3.9	31.0	2.3	4.0
	70	29.3	2.6	3.3	29.8	2.5	3.4	30.4	2.5	3.5
	80	28.3	2.9	2.9	29.0	2.8	3.0	29.7	2.8	3.1
30	60	25.6	2.2	3.4	24.6	2.1	3.4	23.7	2.0	3.4
	70	25.7	2.5	3.0	25.1	2.4	3.0	24.5	2.4	3.0
	80	25.9	2.8	2.7	25.6	2.7	2.8	25.3	2.7	2.8
17	60	20.8	2.1	2.9	20.9	2.1	2.9	21.0	2.1	2.9
	70	19.9	2.3	2.5	20.8	2.4	2.6	21.8	2.4	2.7
	80	18.9	2.6	2.2	20.7	2.6	2.3	22.6	2.7	2.5
10	60	19.3	2.1	2.7	19.7	2.1	2.7	20.1	2.1	2.8
	70	17.9	2.4	2.2	19.1	2.4	2.4	20.3	2.4	2.5
	80	16.4	2.6	1.9	18.5	2.6	2.1	20.5	2.6	2.3

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

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

HIGH CFM

Air Handler	Coil	MBH	KW	COP
AHX36	—	0.93	1.01	0.86
AHX42	—	0.93	1.02	0.85
AHX48	—	0.93	1.03	0.84
AV*36	—	0.95	1.00	0.89
AV/SV*48	—	0.95	1.01	0.87
MV12B	FC/MC35B	1.00	1.00	1.00
MV12B	FC/MC42B	1.00	1.00	1.00
MV16C	FC/MC48C	1.00	1.00	1.00
MV12D	FC/MC48D	1.00	1.00	1.00

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Furnace	Coil	MBH	KW	COP
T*(8,L)X*A12	FC/MC/PC32A	0.93	0.94	0.93
T*(8,L)X*B12	FC/MC/PC35B	0.94	0.97	0.90
T*(8,L)X*C16	FC/MC/PC35C	0.92	0.96	0.89
T*(8,L)X*C20	FC/MC/PC35C	0.93	0.98	0.88
T*9X*B12	FC/MC/PC35B	0.94	0.97	0.90
T*9X*C16	FC/MC/PC35C	0.93	0.98	0.89
T*9X*C20	FC/MC/PC35C	0.93	0.97	0.89
T*(8,L)X*A12	FC/MC/PC37A	0.94	1.00	0.88
T*(8,L)X*B12	FC/MC/PC43B	0.94	1.00	0.88
T*(8,L)X*C16	FC/MC/PC43C	0.93	1.01	0.85
T*(8,L)X*C20	FC/MC/PC43C	0.94	1.03	0.85
T*9X*B12	FC/MC/PC43B	0.94	1.00	0.88
T*9X*C16	FC/MC/PC43C	0.94	1.00	0.87
T*9X*C20	FC/MC/PC43C	0.93	1.00	0.87
T*(8,L)X*C16	FC/MC/PC48C	0.93	1.02	0.85
T*(8,L)X*C20	FC/MC/PC48C	0.93	1.02	0.85
T*9X*C16	FC/MC/PC48C	0.94	1.01	0.87
T*9X*C20	FC/MC/PC48C	0.93	1.00	0.87
T*(8,L)X*C16	UC48C	0.93	1.05	0.83
T*(8,L)X*C20	UC48C	0.94	1.05	0.83
T*9X*C16	UC48C	0.95	1.04	0.85
T*9X*C20	UC48C	0.94	1.04	0.84
T*(8,L)X*B12	HD48	0.94	1.00	0.88
T*(8,L)X*C16	HD48	0.93	1.02	0.85
T*9X*B12	HD48	0.94	1.00	0.88
T*9X*C16	HD48	0.94	1.01	0.87
T*9X*C20	HD48	0.93	1.00	0.87
(C*(8,L)C/T*8V)*B12	FC/MC/PC35B	1.01	0.94	1.00
(C*(8,L)C/T*8V)*C16	FC/MC/PC35C	1.00	0.96	0.97
(C*(8,L)C/T*8V)*C20	FC/MC/PC35C	0.99	0.96	0.96
(C*9C/T*9V)*B12	FC/MC/PC35B	1.02	0.94	1.02
(C*9C/T*9V)*C20	FC/MC/PC35C	1.01	0.96	0.98
(C*9C/T*9V)*C16	FC/MC/PC35C	1.00	0.96	0.97
(C*(8,L)C/T*8V)*A12	FC/MC/PC36A	1.01	0.93	1.00
(C*(8,L)C/T*8V)*B12	FC/MC/PC36B	1.01	0.95	0.98
(C*(8,L)C/T*8V)*C16	FC/MC/PC36C	1.00	0.96	0.97

Furnace	Coil	MBH	KW	COP
(C*(8,L)C/T*8V)*C20	FC/MC/PC36C	1.00	0.97	0.96
(C*9C/T*9V)*B12	FC/MC/PC36B	1.00	0.95	0.98
(C*9C/T*9V)*C16	FC/MC/PC36C	1.00	0.96	0.97
(C*9C/T*9V)*C20	FC/MC/PC36C	1.01	0.97	0.97
(C*(8,L)C/T*8V)*A12	FC/MC/PC37A	0.99	0.93	0.99
(C*(8,L)C/T*8V)*B12	FC/MC/PC43B	1.01	0.97	0.97
(C*(8,L)C/T*8V)*C16	FC/MC/PC43C	1.00	0.99	0.94
(C*(8,L)C/T*8V)*C20	FC/MC/PC43C	1.00	1.00	0.93
(C*9C/T*9V)*C16	FC/MC/PC43C	1.01	0.98	0.96
(C*9C/T*9V)*C20	FC/MC/PC43C	1.01	1.00	0.94
(C*9C/T*9V)*B12	FC/MC/PC43B	1.02	0.98	0.97
(C*9C/T*9V)*C20	FC/MC/PC48C	1.02	1.00	0.95
(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	1.00	1.00	0.93
(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	1.00	1.00	0.93
(C*9C/T*9V)*C16	FC/MC/PC48C	1.00	0.99	0.94
(C*(8,L)C/T*8V)*C16	HC42	1.00	0.99	0.94
(C*(8,L)C/T*8V)*C20	HC42	1.00	1.00	0.93
(C*9C/T*9V)*C16	HC42	1.01	0.98	0.96
(C*9C/T*9V)*C20	HC42	1.01	0.99	0.94
(C*(8,L)C/T*8V)*B12	HD48	0.99	0.89	1.04
(C*(8,L)C/T*8V)*C20	HD48	0.97	0.89	1.02
(C*9C/T*9V)*B12	HD48	0.99	0.87	1.06
(C*(8,L)C/T*8V)*C16	HD48	0.98	0.90	1.01
(C*9C/T*9V)*C16	HD48	0.98	0.90	1.02
(C*9C/T*9V)*C20	HD48	1.00	0.91	1.02
(C*(8,L)C/T*8V)*A12	UC36A	1.00	0.92	1.02
(C*(8,L)C/T*8V)*B12	UC36B	1.00	0.93	1.00
(C*(8,L)C/T*8V)*C16	UC36C	1.00	0.95	0.97
(C*(8,L)C/T*8V)*C20	UC36C	0.99	0.96	0.97
(C*9C/T*9V)*B12	UC36B	1.00	0.93	1.00
(C*9C/T*9V)*C16	UC36C	0.99	0.94	0.98
(C*9C/T*9V)*C20	UC36C	1.01	0.95	0.99
(C*(8,L)C/T*8V)*C16	UC48C	1.01	1.03	0.91
(C*9C/T*9V)*C16	UC48C	1.01	1.03	0.92
(C*(8,L)C/T*8V)*C20	UC48C	1.00	1.03	0.91
(C*9C/T*9V)*C20	UC48C	1.02	1.02	0.93

HEATING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		HC5B048F1(C)								
INDOOR COIL MODEL NO.		FC/MC/PC60D + MV20D								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		950			1000			1050		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	38.9	2.5	4.6	39.3	2.5	4.7	39.8	2.4	4.8
	70	37.6	2.8	4.0	37.8	2.7	4.1	38.1	2.7	4.2
	80	36.2	3.1	3.4	36.3	3.0	3.6	36.4	2.9	3.7
47	60	33.1	2.4	4.1	33.2	2.3	4.2	33.4	2.3	4.3
	70	31.3	2.6	3.5	31.8	2.6	3.6	32.3	2.6	3.7
	80	29.6	2.9	3.0	30.4	2.8	3.1	31.2	2.8	3.2
40	60	29.4	2.3	3.7	29.7	2.3	3.8	29.9	2.3	3.9
	70	28.4	2.7	3.1	28.7	2.6	3.2	28.9	2.6	3.3
	80	27.4	3.0	2.7	27.7	2.9	2.8	28.0	2.9	2.8
30	60	25.6	2.2	3.4	25.5	2.2	3.4	25.5	2.2	3.4
	70	24.3	2.6	2.8	24.3	2.6	2.8	24.3	2.6	2.8
	80	23.0	2.9	2.3	23.0	2.9	2.3	23.1	2.9	2.3
17	60	19.7	2.3	2.6	19.6	2.2	2.6	19.4	2.2	2.6
	70	17.3	2.6	2.0	17.2	2.5	2.0	17.0	2.5	2.0
	80	15.0	2.9	1.5	14.8	2.8	1.6	14.6	2.7	1.6
10	60	15.9	2.2	2.1	15.9	2.2	2.1	15.9	2.2	2.1
	70	14.9	2.5	1.7	15.0	2.5	1.8	15.0	2.5	1.8
	80	13.9	2.8	1.4	14.0	2.8	1.5	14.1	2.7	1.5

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

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

LOW CFM

Air Handler	Coil	MBH	KW	COP
AHX48	–	1.00	1.02	0.98
AHX60	–	0.99	1.02	0.97
AV/SV*48	–	0.83	0.85	0.98
AV/SV*60	–	0.83	0.84	1.00
F*FV060	–	1.00	1.01	0.99
MV20D	FC/MC60D	1.00	1.01	0.99
MV20D	FC/MC62D	1.00	1.01	0.99
MV20D	FC64D	0.99	1.06	0.94
–	FC64	1.03	1.00	1.03

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Furnace	Coil	MBH	KW	COP
T*(8,L)X*C16	FC/PC60C	1.01	1.02	0.99
T*(8,L)X*C20	FC/PC60C	0.98	0.95	1.03
T*9X*C16	FC/PC60C	1.01	1.01	1.00
T*9X*C20	FC/PC60C	1.01	1.03	0.99
T*9X*D20	FC/MC/PC60D	1.01	1.05	0.96
T*9X*D20	FC/MC62D	1.00	1.05	0.96
T*(8,L)X*C16	FC64D	0.99	1.03	0.97
T*(8,L)X*C20	FC64D	0.97	0.98	1.00
T*9X*C16	FC64D	0.99	1.02	0.97
T*9X*C20	FC64D	1.01	1.03	0.98
T*(8,L)X*C16	HD60	1.01	1.02	0.99
T*(8,L)X*C20	HD60	0.98	0.95	1.03
T*9X*C16	HD60	1.01	1.01	1.00
T*9X*C20	HD60	1.01	1.03	0.99
T*9X*D20	HD60	1.01	1.05	0.96
T*(8,L)X*C16	UC60C	1.01	1.04	0.97
T*(8,L)X*C20	UC60C	1.01	0.99	1.02
T*9X*C16	UC60C	1.01	1.04	0.97
T*9X*C20	UC60C	1.02	1.05	0.97
T*9X*D20	UC60D	1.01	1.08	0.94
(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	0.99	0.99	1.00
(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	0.99	0.99	1.00
(C*9C/T*9V)*C16	FC/MC/PC48C	1.00	0.99	1.01
(C*9C/T*9V)*C20	FC/MC/PC48C	1.00	1.00	1.00
(C*9C/T*9V)*D20	FC/MC/PC48D	0.99	0.99	1.00
(C*(8,L)C/T*8V)*C16	FC/PC60C	1.00	1.00	1.00
(C*(8,L)C/T*8V)*C20	FC/PC60C	1.00	1.01	0.99
(C*9C/T*9V)*C16	FC/PC60C	1.01	1.00	1.01

Furnace	Coil	MBH	KW	COP
(C*9C/T*9V)*C20	FC/PC60C	1.00	1.00	1.01
(C*9C/T*9V)*D20	FC/MC/PC60D	1.01	1.00	1.01
(C*9C/T*9V)*D20	FC/MC62D	1.01	1.02	0.99
(C*(8,L)C/T*8V)*C16	FC64D	0.99	1.03	0.97
(C*(8,L)C/T*8V)*C20	FC64D	0.99	1.03	0.97
(C*9C/T*9V)*C16	FC64D	1.00	1.02	0.98
(C*9C/T*9V)*C20	FC64D	1.00	1.03	0.97
(C*9C/T*9V)*D20	HC60	1.02	1.05	0.97
(C*(8,L)C/T*8V)*C16	HD48	0.98	0.89	1.10
(C*(8,L)C/T*8V)*C20	HD48	0.98	0.88	1.11
(C*9C/T*9V)*C16	HD48	0.98	0.89	1.10
(C*9C/T*9V)*C20	HD48	0.98	0.89	1.10
(C*9C/T*9V)*D20	HD48	0.98	0.88	1.11
(C*(8,L)C/T*8V)*C16	HD60	0.98	0.92	1.07
(C*(8,L)C/T*8V)*C20	HD60	0.98	0.93	1.06
(C*9C/T*9V)*C16	HD60	0.98	0.92	1.08
(C*9C/T*9V)*C20	HD60	0.98	0.92	1.07
(C*9C/T*9V)*D20	HD60	0.98	0.92	1.07
(C*(8,L)C/T*8V)*C16	UC48C	1.02	1.03	0.98
(C*(8,L)C/T*8V)*C20	UC48C	1.02	1.03	0.99
(C*9C/T*9V)*C16	UC48C	1.02	1.02	1.00
(C*9C/T*9V)*C20	UC48C	1.01	1.00	1.01
(C*9C/T*9V)*D20	UC48D	1.02	1.03	0.99
(C*(8,L)C/T*8V)*C16	UC60C	1.01	1.03	0.99
(C*(8,L)C/T*8V)*C20	UC60C	1.01	1.03	0.98
(C*9C/T*9V)*C16	UC60C	1.02	1.02	1.00
(C*9C/T*9V)*C20	UC60C	1.02	1.02	1.00
(C*9C/T*9V)*D20	UC60D	1.02	1.02	1.00

HEATING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		HC5B048F1(C)								
INDOOR COIL MODEL NO.		FC/MC/PC60D + MV20D								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1500			1600			1700		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	60.1	3.5	5.0	60.5	3.5	5.0	61.0	3.5	5.1
	70	58.6	3.9	4.4	58.9	3.8	4.5	59.3	3.8	4.5
	80	57.2	4.2	4.0	57.4	4.2	4.0	57.6	4.2	4.1
47	60	48.7	3.2	4.4	49.2	3.2	4.5	49.6	3.2	4.5
	70	47.7	3.6	3.9	48.0	3.6	4.0	48.4	3.5	4.0
	80	46.6	3.9	3.5	46.8	3.9	3.5	47.1	3.9	3.5
40	60	44.4	3.2	4.1	44.4	3.1	4.2	44.3	3.1	4.2
	70	43.0	3.5	3.6	42.9	3.5	3.6	42.8	3.4	3.6
	80	41.6	3.8	3.2	41.4	3.8	3.2	41.2	3.8	3.2
30	60	35.5	3.0	3.5	34.4	2.9	3.5	33.3	2.9	3.4
	70	33.9	3.2	3.1	33.6	3.2	3.0	33.3	3.3	3.0
	80	32.3	3.5	2.7	32.8	3.6	2.7	33.2	3.7	2.7
17	60	28.5	2.9	2.9	28.6	2.8	3.0	28.8	2.8	3.0
	70	27.3	3.3	2.5	27.6	3.2	2.5	27.9	3.2	2.6
	80	26.1	3.6	2.1	26.6	3.6	2.2	27.1	3.5	2.2
10	60	25.0	2.8	2.7	24.0	2.8	2.5	23.0	2.8	2.4
	70	22.5	3.2	2.1	23.1	3.2	2.1	23.8	3.2	2.2
	80	19.9	3.6	1.6	22.2	3.6	1.8	24.5	3.6	2.0

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

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

HIGH CFM

Air Handler	Coil	MBH	KW	COP
AHX48	–	1.06	1.01	0.99
AHX60	–	1.06	1.02	0.99
AV/SV*48	–	0.88	0.87	0.97
AV/SV*60	–	0.88	0.87	0.96
F*FV060	–	0.99	1.00	0.99
MV20D	FC/MC60D	0.99	1.00	0.99
MV20D	FC/MC62D	0.99	1.00	0.99
MV20D	FC64D	1.00	1.05	0.96
–	FC64	1.00	1.00	1.00

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Furnace	Coil	MBH	KW	COP
T*(8,L)X*C16	FC/PC60C	1.06	0.99	1.02
T*(8,L)X*C20	FC/PC60C	1.06	0.99	1.02
T*9X*C16	FC/PC60C	1.06	0.98	1.02
T*9X*C20	FC/PC60C	1.06	1.00	1.01
T*9X*D20	FC/MC/PC60D	1.04	1.00	0.99
T*9X*D20	FC/MC62D	1.06	1.01	1.00
T*(8,L)X*C16	FC64D	1.00	1.03	0.98
T*(8,L)X*C20	FC64D	1.00	1.03	0.98
T*9X*C16	FC64D	1.00	1.01	0.99
T*9X*C20	FC64D	1.00	1.01	0.99
T*(8,L)X*C16	HD60	1.06	0.99	1.02
T*(8,L)X*C20	HD60	1.06	0.99	1.02
T*9X*C16	HD60	1.06	0.98	1.02
T*9X*C20	HD60	1.06	1.00	1.01
T*9X*D20	HD60	1.04	1.00	0.99
T*(8,L)X*C16	UC60C	1.06	1.02	0.99
T*(8,L)X*C20	UC60C	1.05	1.04	0.96
T*9X*C16	UC60C	1.06	1.01	0.99
T*9X*C20	UC60C	1.06	1.02	0.98
T*9X*D20	UC60D	1.05	1.03	0.97
(C*(8,L)C/T*8V)*C16	FC/MC/PC48C	1.01	0.98	0.98
(C*(8,L)C/T*8V)*C20	FC/MC/PC48C	1.01	0.98	0.99
(C*9C/T*9V)*C16	FC/MC/PC48C	1.01	0.97	0.99
(C*9C/T*9V)*C20	FC/MC/PC48C	1.01	0.98	0.99
(C*9C/T*9V)*D20	FC/MC/PC48D	1.01	0.98	0.99
(C*(8,L)C/T*8V)*C16	FC/PC60C	1.01	0.99	0.97
(C*(8,L)C/T*8V)*C20	FC/PC60C	1.00	1.00	0.96
(C*9C/T*9V)*C16	FC/PC60C	1.01	0.98	0.99

Furnace	Coil	MBH	KW	COP
(C*9C/T*9V)*C20	FC/PC60C	1.01	0.98	0.99
(C*9C/T*9V)*D20	FC/MC/PC60D	1.01	0.99	0.98
(C*9C/T*9V)*D20	FC/MC62D	1.01	1.00	0.97
(C*(8,L)C/T*8V)*C16	FC64D	1.00	1.03	0.98
(C*(8,L)C/T*8V)*C20	FC64D	1.00	1.03	0.98
(C*9C/T*9V)*C16	FC64D	1.00	1.01	0.99
(C*9C/T*9V)*C20	FC64D	1.00	1.01	0.99
(C*9C/T*9V)*D20	HC60	1.02	1.01	0.96
(C*(8,L)C/T*8V)*C16	HD48	0.99	0.91	1.04
(C*(8,L)C/T*8V)*C20	HD48	0.99	0.91	1.04
(C*9C/T*9V)*C16	HD48	0.99	0.90	1.05
(C*9C/T*9V)*C20	HD48	0.99	0.90	1.05
(C*9C/T*9V)*D20	HD48	0.99	0.91	1.05
(C*(8,L)C/T*8V)*C16	HD60	0.99	0.94	1.02
(C*(8,L)C/T*8V)*C20	HD60	0.99	0.95	1.00
(C*9C/T*9V)*C16	HD60	1.00	0.93	1.03
(C*9C/T*9V)*C20	HD60	1.00	0.93	1.03
(C*9C/T*9V)*D20	HD60	0.99	0.93	1.02
(C*(8,L)C/T*8V)*C16	UC48C	1.01	1.00	0.97
(C*(8,L)C/T*8V)*C20	UC48C	1.01	1.00	0.97
(C*9C/T*9V)*C16	UC48C	1.02	0.98	0.99
(C*9C/T*9V)*C20	UC48C	1.01	0.97	0.99
(C*9C/T*9V)*D20	UC48D	1.02	1.00	0.97
(C*(8,L)C/T*8V)*C16	UC60C	1.01	1.01	0.96
(C*(8,L)C/T*8V)*C20	UC60C	1.01	1.02	0.95
(C*9C/T*9V)*C16	UC60C	1.01	1.00	0.97
(C*9C/T*9V)*C20	UC60C	1.01	1.00	0.97
(C*9C/T*9V)*D20	UC60D	1.01	1.00	0.97

HEATING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		HC5B060F1(C)								
INDOOR COIL MODEL NO.		MC61D + MV20D								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1100			1150			1200		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	44.8	3.1	4.2	45.8	3.1	4.3	46.7	3.1	4.4
	70	44.4	3.6	3.7	44.9	3.5	3.7	45.5	3.5	3.8
	80	44.0	4.0	3.2	44.1	4.0	3.3	44.3	3.9	3.3
47	60	38.6	3.1	3.7	38.6	3.0	3.8	38.7	2.9	3.9
	70	37.4	3.4	3.2	37.6	3.4	3.3	37.8	3.3	3.3
	80	36.2	3.8	2.8	36.6	3.8	2.8	36.9	3.7	2.9
40	60	34.0	3.0	3.3	34.4	2.9	3.4	34.8	2.9	3.6
	70	33.3	3.4	2.9	33.5	3.3	3.0	33.8	3.2	3.1
	80	32.7	3.7	2.6	32.7	3.6	2.6	32.8	3.6	2.7
30	60	24.7	2.9	2.5	23.3	2.8	2.4	21.9	2.8	2.3
	70	25.8	3.3	2.3	24.9	3.3	2.2	23.9	3.2	2.2
	80	26.8	3.7	2.1	26.4	3.7	2.1	26.0	3.6	2.1
17	60	22.6	2.8	2.4	22.4	2.8	2.4	22.1	2.7	2.4
	70	20.5	3.1	2.0	20.3	3.0	2.0	20.0	3.0	1.9
	80	18.4	3.4	1.6	18.2	3.3	1.6	17.9	3.3	1.6
10	60	16.8	2.6	1.9	16.6	2.6	1.9	16.5	2.6	1.9
	70	17.1	3.0	1.7	16.9	3.0	1.7	16.7	2.9	1.7
	80	17.4	3.4	1.5	17.1	3.4	1.5	16.9	3.3	1.5

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

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

LOW CFM

Air Handler	Coil	MBH	KW	COP
AHX60	-	0.91	0.91	1.00
AV/SV*60	-	0.94	0.90	1.04
F*FV060	-	1.00	1.00	1.00
MV20D	FC/MC60D	1.00	1.00	1.00
MV20D	FC/MC62D	1.00	1.00	1.00
MV20D	FC64D	0.93	0.98	0.95
-	FC64	0.97	0.95	1.02

Furnace	Coil	MBH	KW	COP
T*(8,L)X*C20	FC/PC60C	0.92	0.82	1.11
T*9X*C20	FC/PC60C	0.94	0.93	1.02
T*9X*D20	FC/MC/PC60D	0.94	0.95	0.99
T*(8,L)X*C20	FC/MC/PC60D	0.92	0.84	1.09
T*9X*C20	FC/MC/PC60D	0.94	0.95	0.99
T*(8,L)X*C20	FC/MC62D	0.90	0.84	1.08
T*9X*C20	FC/MC62D	0.94	0.95	0.99
T*9X*D20	FC/MC62D	0.94	0.96	0.98
T*(8,L)X*C20	FC64D	0.91	0.86	1.06
T*9X*C20	FC64D	0.94	0.93	1.01
T*9X*D20	FC64D	0.94	0.94	1.00
T*(8,L)X*C20	HD60	0.92	0.82	1.11
T*9X*C20	HD60	0.94	0.93	1.02
T*9X*D20	HD60	0.94	0.95	0.99

Furnace	Coil	MBH	KW	COP
T*(8,L)X*C20	UC60C	0.95	0.87	1.08
T*9X*C20	UC60C	0.95	0.96	0.99
T*9X*D20	UC60D	0.96	0.99	0.96
T*(8,L)X*C20	UC60D	0.95	0.88	1.07
T*9X*C20	UC60D	0.96	0.99	0.97
(C*(8,L)C/T*8V)*C20	FC/PC60C	0.98	0.93	1.05
(C*9C/T*9V)*C20	FC/PC60C	0.98	0.92	1.06
(C*(8,L)C/T*8V)*C20	FC/MC/PC60D	1.05	0.95	1.11
(C*9C/T*9V)*C20	FC/MC/PC60D	1.05	0.94	1.12
(C*9C/T*9V)*D20	FC/MC/PC60D	1.05	0.96	1.10
(C*(8,L)C/T*8V)*C20	FC/MC62D	1.04	0.96	1.08
(C*9C/T*9V)*C20	FC/MC62D	1.05	0.96	1.09
(C*9C/T*9V)*D20	FC/MC62D	0.99	0.96	1.03
(C*(8,L)C/T*8V)*C20	FC64D	0.93	0.92	1.01
(C*9C/T*9V)*C20	FC64D	0.94	0.93	1.01
(C*9C/T*9V)*D20	FC64D	0.93	0.94	0.99
(C*9C/T*9V)*D20	HC60	1.05	0.96	1.10
(C*(8,L)C/T*8V)*C20	HD60	1.02	0.85	1.19
(C*9C/T*9V)*C20	HD60	1.02	0.87	1.18
(C*9C/T*9V)*D20	HD60	1.02	0.87	1.17
(C*9C/T*9V)*D20	UC60D	1.06	0.98	1.08
(C*(8,L)C/T*8V)*C20	UC60C	1.05	0.97	1.08
(C*9C/T*9V)*C20	UC60C	1.05	0.97	1.09
(C*9C/T*9V)*D20	UC60D	1.06	0.98	1.08

HEATING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		HC5B060F1(C)								
INDOOR COIL MODEL NO.		MC61D + MV20D								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1750			1850			1950		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	64.0	4.5	4.2	64.6	4.5	4.2	65.2	4.5	4.3
	70	62.8	5.0	3.7	63.3	4.9	3.7	63.8	4.9	3.8
	80	61.5	5.4	3.3	61.9	5.4	3.4	62.4	5.4	3.4
47	60	55.7	4.2	3.9	55.9	4.2	3.9	56.2	4.2	3.9
	70	54.1	4.6	3.4	54.5	4.6	3.5	54.9	4.6	3.5
	80	52.5	5.0	3.1	53.1	5.0	3.1	53.6	5.0	3.1
40	60	49.5	4.0	3.7	49.0	4.0	3.6	48.6	4.0	3.6
	70	42.4	4.2	2.9	45.2	4.3	3.1	48.1	4.4	3.2
	80	35.2	4.5	2.3	41.4	4.7	2.6	47.5	4.9	2.9
30	60	42.5	3.8	3.3	39.9	3.7	3.1	37.3	3.7	2.9
	70	38.8	4.0	2.8	39.1	4.1	2.8	39.4	4.2	2.8
	80	35.0	4.3	2.4	38.3	4.5	2.5	41.6	4.6	2.6
17	60	34.3	3.6	2.8	32.3	3.5	2.7	30.4	3.4	2.6
	70	34.2	4.1	2.4	32.6	4.0	2.4	31.0	3.9	2.3
	80	34.0	4.6	2.2	32.9	4.5	2.1	31.7	4.5	2.1
10	60	30.5	3.4	2.6	31.1	3.4	2.7	31.7	3.5	2.7
	70	29.4	3.8	2.3	29.2	3.8	2.3	29.0	3.7	2.3
	80	28.2	4.1	2.0	27.3	4.1	2.0	26.4	4.0	1.9

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

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

HIGH CFM

Air Handler	Coil	MBH	KW	COP
AHX60	-	0.96	0.98	0.91
AV/SV*60	-	0.95	0.96	0.92
F*FV060	-	1.00	1.00	1.00
MV20D	FC/MC60D	1.00	1.00	1.00
MV20D	FC/MC62D	1.00	1.00	1.00
MV20D	FC64D	1.00	1.01	0.99
-	FC64	1.01	0.98	1.03

Furnace	Coil	MBH	KW	COP
T*(8,L)X*C20	FC/PC60C	0.94	0.93	0.93
T*9X*C20	FC/PC60C	0.94	0.94	0.93
T*9X*D20	FC/MC/PC60D	0.95	0.96	0.91
T*(8,L)X*C20	FC/MC/PC60D	0.95	0.96	0.91
T*9X*C20	FC/MC/PC60D	0.95	0.95	0.92
T*(8,L)X*C20	FC/MC62D	0.95	0.98	0.89
T*9X*C20	FC/MC62D	0.95	0.97	0.91
T*9X*D20	FC/MC62D	0.95	0.97	0.91
T*(8,L)X*C20	FC64D	0.99	0.98	1.01
T*9X*C20	FC64D	0.99	0.97	1.02
T*9X*D20	FC64D	0.99	0.98	1.01
T*(8,L)X*C20	HD60	0.94	0.93	0.93
T*9X*C20	HD60	0.94	0.94	0.93
T*9X*D20	HD60	0.95	0.96	0.91

Furnace	Coil	MBH	KW	COP
T*(8,L)X*C20	UC60C	0.95	0.97	0.91
T*9X*C20	UC60C	0.95	0.97	0.90
T*9X*D20	UC60D	0.95	1.00	0.88
T*(8,L)X*C20	UC60D	1.00	1.08	0.86
T*9X*C20	UC60D	0.95	0.98	0.90
(C*(8,L)C/T*8V)*C20	FC/PC60C	0.99	0.95	0.96
(C*9C/T*9V)*C20	FC/PC60C	0.99	0.93	0.98
(C*(8,L)C/T*8V)*C20	FC/MC/PC60D	0.99	0.95	0.96
(C*9C/T*9V)*C20	FC/MC/PC60D	0.99	0.93	0.98
(C*9C/T*9V)*D20	FC/MC/PC60D	0.99	0.94	0.97
(C*(8,L)C/T*8V)*C20	FC/MC62D	0.99	0.97	0.94
(C*9C/T*9V)*C20	FC/MC62D	1.00	0.95	0.96
(C*9C/T*9V)*D20	FC/MC62D	1.00	0.96	0.96
(C*(8,L)C/T*8V)*C20	FC64D	0.99	0.98	1.01
(C*9C/T*9V)*C20	FC64D	1.00	0.97	1.03
(C*9C/T*9V)*D20	FC64D	1.00	0.98	1.02
(C*9C/T*9V)*D20	HC60	0.99	0.94	0.97
(C*(8,L)C/T*8V)*C20	HD60	0.98	0.88	1.02
(C*9C/T*9V)*C20	HD60	0.98	0.88	1.03
(C*9C/T*9V)*D20	HD60	0.98	0.87	1.03
(C*9C/T*9V)*D20	UC60D	1.00	0.96	0.96
(C*(8,L)C/T*8V)*C20	UC60C	0.99	0.97	0.94
(C*9C/T*9V)*C20	UC60C	1.00	0.95	0.96
(C*9C/T*9V)*D20	UC60D	1.00	0.96	0.96

NOTES