TRANE

Product Catalogue

55° High Ambient | HIGH EFFICIENCY | R410a | 50Hz

Ducted-Split
System Concealed Unit

1.5~5 RT, Tropical T3
50Hz

FEB 2021

TRANE TECHNOLOGIES

Contents

Model Reference

Model Reference

Refer to the following table to determine the specific indoor and outdoor unit model number of your purchased equipment.

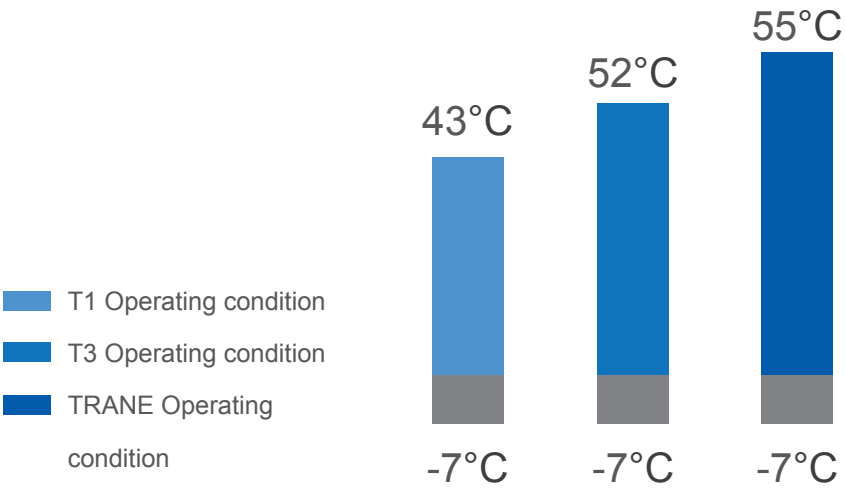
Indoor Unit Model	Outdoor Unit Model	Capacity (Btu/h)	Power Supply
4MCDRA18TB000AA	4TTKRA18TB000AA	18K	1Φ, 220-230V~, 50Hz
4MCDRA24TB000AA	4TTKRA24TB000AA	24K	
4MCDRA30TB000AA	4TTKRA30TB000AA	30K	
4MCDRA36TB000AA	4TTKRA36TB000AA	36K	
4MCDRA48TD000AA	4TTKRA48TD000AA	48K	3Φ, 380-410V~, 50Hz
4MCDRA60TD000AA	4TTKRA60TD000AA	60K	

Features and Benefits

Environment Friendly-R410A

Up To 55°C Running

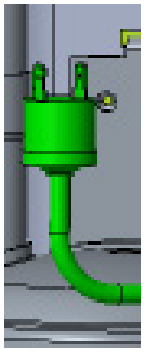
Enjoy excellent performance even under ambient temperature up to 55°C , suitable for T3 operating condition.

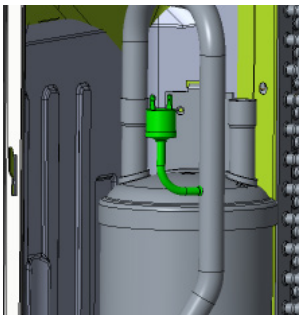


Features and Benefits

Multiple Protection

With Multiple Protection contents: High pressure protection,Low pressure protection,Compressor overloadding protection, High Ext. temperature protection,Phase protection (Phase-loss, phase-reverse),Over-heating protection, Anti-freezing protection, Sensor failure alarm,Failure code display,etc.The compressor could well run in reasonable operation range.





Double Anti-Corrosion Technology

Galvanized metal with world-class powder spraying tech-nology can improve the anti-corrosion ability of the hous-ing of outdoor units three times, especially, in salty, moist surroundings.

Nomenclature

Indoor Unit

4	M	C	D	R	A	1	8	T	B	0	0	0	A	A
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Digit #1 = Refrigerant
4 = R410A

Digit #2 = Brand
M = Trane Indoor unit

Digit #3 = Function Type
C = Cooling Only Fixed Speed, Single
W = Heat Pump Fixed Speed, Single
X = Heat Pump DC Inverter, Single

Digit #4 = Indoor Unit type
D = Concealed Duct Type
W = High wall unit
C = Cassette Type

Digit #5 = Product family
U = U-Match

Digit #6 = Major Development Sequence
A = First Development Sequence B = Second Development Sequence C = Third Development Sequence

Digit #7, 8 = Nominal Capacity (BTU/h x 1,000)
18 = 18,000 BTU/h
24 = 24,000 BTU/h
36 = 36,000 BTU/h
48 = 48,000 BTU/h
60 = 60,000 BTU/h

Digit #9 = Ambient Temperature
T = Tropical High Ambient, High efficiency and side discharge outdoor T3
S = T1 Standard Ambient

Digit #10 = Electric Power Supply Characteristics
B = 220-240/1/50 (V/Ph/Hz)
D = 380-415/3/50 (V/Ph/Hz)

Digit #11 = Factory Supplied
0 = Standard efficiency
S = Special

Digit #12 = Controls
0 = Default (Wireless Control for high wall & Wired Control for ducted)

Digit #13 = Reserved for Future Use

Digit #14 = Service Digit / Reserved for Future Use

A = First Sequence
A = Not currently used

Digit #15 = Minor Design Sequence
A = First Design Sequence
B = Second Design Sequence
C = Third Design Sequence

Nomenclature

Outdoor Unit

4	T	T	K	R	A	1	8	T	B	0	0	0	A	A
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Digit #1 = Refrigerant
4 = R410A

Digit #2 = Brand
T = Trane

Digit #3 = Function Type
T = Cooling Only Fixed Speed, Single
W = Heat Pump Fixed Speed, Single
X = Heat Pump DC Inverter, Single

Digit #4 = Configuration Outdoor Unit
K = Single Refrigerant Circuit, Horizontal Discharge
D = Dual Refrigerant Circuit, Horizontal Discharge
T = Triple Refrigerant Circuit, Horizontal Discharge
Q = Quadruple Refrigerant Circuit, Horizontal Discharge

Digit #5 = Product family
U = U-Match

Digit #6 = Major Development Sequence
A = First Development Sequence
B = Second Development Sequence
C = Third Development Sequence

Digit #7, 8 = Nominal Capacity (BTU/h x 1,000)
18 = 18,000 BTU/h
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Digit #9 = Ambient Temperature
T = Tropical High Ambient, High efficiency and side discharge outdoor T3
S = Standard Ambient

Digit #10 = Electric Power Supply Characteristics
B = 220-240/1/50 (V/Ph/Hz)
D = 380-415/3/50 (V/Ph/Hz)

Digit #11 = Factory Supplier Option
Measured in partial load condition, here SEER is defined by ARI testing conditions
0 = Standard
S = Special

Digit #12 Number of Refrigerant Ports
0 = Standard

Digit #13 = Coil Fin Protection
0 = Standard
C = Corrosion Resistant

Digit #14 = Service Digit / Reserved for Future Use
A = First Sequence
A = Not currently used

Digit #15 = Minor Design Sequence
A = First Design Sequence
B = Second Design Sequence
C = Third Design Sequence

General Specifications

Model			4MCDRA18SB000AA	4MCDRA24SB000AA	4MCDRA30SB000AA	4MCDRA36SB000AA	4MCDRA48SD000AA	4MCDRA60SD000AA
Model Code			4TTKRA18SB000AA	4TTKRA24SB000AA	4TTKRA30SB000AA	4TTKRA36SB000AA	4TTKRA48SD000AA	4TTKRA60SB000AA
Power Supply		V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220-240,50,1	380~415,50,3	380~415,50,3
Max. Input Consumption		W	2050	2800	3750		5600	6200
Max. Current		A	11.20	14.50	19.40		11.50	12.00
Capacity	Cooling(T1)	Btu/h	17500	23500	28000	34500	48000	52000
		TR	1.46	1.96	2.33	2.88	4.00	4.33
		kW	5.13	6.89	8.21	10.11	14.07	15.24
	Cooling(T3)	Btu/h	15200	20500	24500	30500	42000	45500
		TR	1.27	1.71	2.04	2.54	3.50	3.79
		kW	4.45	6.01	7.18	8.94	12.31	13.33
Electric Data	Rated Cooling Power Input(T1)	kW	1.48	1.96	2.40	2.88	4.00	4.40
	Rated Cooling Power Input(T3)	kW	1.78	2.35	2.90	3.50	4.80	5.23
	Rated Cooling Current(T1)	A	6.55	8.68	10.72	12.75	6.70	7.40
	Rated Cooling Current(T3)	A	7.85	10.33	12.85	15.50	8.10	8.80
Performance	EER(T1)	(Btu/h)/W	11.82	11.99	11.67	11.98	12.00	11.82
		W/W	3.47	3.51	3.42	3.51	3.52	3.46
	EER(T3)	(Btu/h)/W	8.54	8.72	8.45	8.71	8.75	8.70
		W/W	2.50	2.56	2.48	2.55	2.56	2.55
Indoor Coil	a.Number Of Row		3	3	3	3	3	3
	b.Tube Pitch(a)x Row Pitch(b)	mm	20.5×12.7	20.5×12.7	22×19.05	22×19.1	22×19.05	22×19.05
	c.Fin Pitch	mm	1.6	1.6	1.6	1.6	1.4	1.4
	d.Fin Material		Hydrophilic	Hydrophilic	Hydrophilic aluminum fin	Hydrophilic	Hydrophilic aluminum fin	Hydrophilic aluminum fin
	e.Tube Outside Dia.And Material	mm	Φ7,Inner grooved	Φ7,Inner grooved	φ7.94, Inner grooved	Φ7.94,Inner grooved	φ7.94, Inner grooved	φ7.94, Inner grooved
	f.Coil Length x Height x Width	mm	670×369×38.1	670×369×38.1	985×352×57.15	985×352×57.3	985×396×57.15	1135×484×57.15
	g.Heat Exchanging Area	m2	10.58	10.58	22.09	22.65	28.92	40.73
Indoor Fan Motor	Output Power x Fan quantity	W	100	160	160*1	250	240*1	250*1
	Capacitor	μF	4	4	4	/	12	12
	Speed (Hi/Mi/Lo)	r/min	880/780/720	1080/980/880	1080/980/880	1250/1150/1050	1385/1240/1160	1385/1240/1160
Indoor Unit	Indoor Air Flow (Hi/Mi/Lo)	m3/h	1000/800/700	1400/1250/1050	1650/1450/1250	2200/1850/1600	2600/2300/1950	3100/2600/2200
		CFM	588/471/412	824/735/618	971/853/735	1294/1088/941	1529/1353/1147	1824/1529/1294
	Noise Level(Hi/Mi/Lo)	dB(A)	43/41/40	45/43/41	45/41/39	47/43/40	50/47/44	53/50/47
	External Static Pressure	Pa	25	25	37	37	50	50
	External Static Pressure(Range)	Pa	0~60	0~60	0~80		0~150	0~150
	Net Dimension (W*H*D)	mm	890×735×290	890×735×290	1250×735×290	1250×735×290	1250×735×320	1400×820×380
	Packing Dimension (W*H*D)	mm	1070×800×360	1070×800×360	1430×800×360	1430×800×360	1430×800×390	1580×880×450
	Net Weight	Kg	34	34	43	44	47	57
	Gross Weight	Kg	37	37	49	50	53	64
Compressor	Type		ROTARY	ROTARY	ROTARY	Rotary	SCROLL	SCROLL
	Brand		GMCC	HIGHLY	GMCC	HIGHLY	LG	LG
	Capacity	W	4510	5700	7000	8400	12302	13100
	Input	W	1480	1900	2370	2830	3925	4150
	Rated Current(RLA)	A	6.55	8.68	10.72	13.5	6.35	7.2
	Locked Rotor Amp(LRA)	A	33.7	48	62.5	71	63	63
	Thermal Protection temp.	℃	Inside E class 115℃	Inside E class 115℃	Inside E class 115℃	Inside B class 135℃	Inside B class 135℃	Inside B class 135℃
	Capacitor	uF	55	55	60	70	-	-
	Refrigerant Oil	ml	700	480	950	880	1360	1360
Outdoor Coil	a.Number Of Row		2	2	2.5	3	2.5	2.5
	b.Tube Pitch(a)x Row Pitch(b)	mm	20.5×12.7	20.5×12.7	20.5×12.7	20.5×12.7	22×19.05	22×19.05
	c.Fin Pitch	mm	1.5	1.5	1.5	1.4	1.6	1.6
	d.Fin Material		Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Plain Hydrophilic aluminum foil	Hydrophilic aluminum fin	Hydrophilic aluminum fin
	e.Tube Outside Dia.And Material	mm	φ7.0, Inner grooved	φ7.0, Inner grooved	φ7.0, Inner grooved	φ7, Inner grooved	φ7.94, Inner grooved	φ7.94, Inner grooved
	f.Coil Length x Height x Width	mm	853×506×25.4	888×660×25.4	888×660×38.1	984×758×58.15	973×1320×57.15	973×1320×57.15
	g.Heat Exchanging Area	m^2	12.83	17.82	22.92	58.35	72.80	72.80
Outdoor fan motor	Model		YDK31-6F	CW85A	D-310-69-8	D-310-120-8A	YDK60-6H	YDK60-6H
	Brand		Tongdeli	Tongdeli	Welling/wolong	WOLONG	Sinjun	Sinjun
	Output Power x Fan quantity	W	31×1	85×1	69×1	120×1	60×2	60×2
	Capacitor	μF	2.5	4	/	/	3.5	3.5
	Speed	r/min	900	840	850	900	770	770
Air Flow Volume		m^3/h	2600	3500	3500	4200	6400	6400
		CFM	1529	2059	2059	2471	3765	3765
Noise Level		dB(A)	56	58	58	58	60	60
Dimension (W×D×H)	Net	mm	800×315×545	900×350×700	900×350×700	970×395×805	940×401×1366	940×401×1366
	Packing	mm	920×400×620	1020×430×770	1020×430×770	1105×495×895	1080x460x1490	1080x460x1490
			1.8P	2.3P	2.3P	新3P	6P(5P-D)	6P(5P-D)
Weight	Net	kg	39	49	55	68	101	102
	Gross	kg	42	53	59	73	117	118
Refrigerant type/Quantity	Type		R410a	R410a	R410a	R410a	R410a	R410a
	Charged Volume	g	1200	1750	2100		4100	4400
Design Pressure		MPa	4.4	4.4	4.4		4.4	4.4
Refrigerant Pipe	Liquid Side	mm	6.35	9.52	9.52	Φ9.52	9.52	9.52
	Gas Side	mm	12.7	15.88	15.88	Φ15.88	19.05	19.05
	Max. Length	m	30	30	30	50	50	50
	Max. Height	m	15	15	15	30	30	30
Operation Temperature Range		℃	16~32	16~32	16~32	16~32	16~32	16~32
Ambient Temp (Cooling/Heating)		℃	17~55	17~55	17~55	17~55	17~55	17~55
Connection Wiring	Power Wiring（Indoor）	mm^2	3×2.5mm^2	/	/		/	/
	Power Wiring（Outdoor）	mm^2	3×2.5mm^2	3×2.5mm^2	3×6mm^2		5×4mm^2	5×4mm^2
	Signal Wiring	mm^2	2×0.75mm^2	5×0.75mm^2	5×1mm^2		5×1mm^2	5×1mm^2
Remark:The above designs and specifications are subject to change of product improvement without prior notice.								

Performance Tables

18K(H)																											
ESP	Air Folw Rate	Indoor Air Temperature		Outdoor Air Temperature (°FDB)																							
				68.0			77.0			89.6			95.0			104.0			109.4			115.0			125.0		
	CFM	°FWB	°FDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
60	529	57.2(14)	68(20)	14.0	11.4	0.96	13.7	11.3	1.14	13.0	11.0	1.32	12.7	10.8	1.39	12.2	10.6	1.48	11.8	10.3	1.53	**11.0**	10.2	**1.68**	**10.2**	9.8	**1.72**
		60.8(16)	71.6(22)	16.3	13.0	0.97	16.0	12.9	1.15	15.2	12.5	1.34	14.8	12.2	1.42	14.2	11.9	1.51	13.7	11.6	1.56	**12.8**	11.5	**1.70**	**11.9**	11.1	**1.74**
		63(17.2)	76(24.4)	17.8	13.8	0.98	17.4	13.7	1.17	16.6	13.3	1.36	16.1	13.0	1.43	15.5	12.7	1.52	15.0	12.3	1.58	14.1	12.2	1.72	13.0	11.8	1.76
		64.4(18)	77(25)	18.2	14.1	0.99	17.8	14.0	1.17	17.0	13.5	1.36	16.5	13.2	1.44	15.9	12.9	1.53	15.3	12.6	1.58	**14.4**	12.5	**1.73**	**13.3**	12.0	**1.76**
		66.2(19)	80.6(27)	19.0	14.6	1.00	18.6	14.4	1.19	17.8	14.0	1.39	17.2	13.7	1.46	16.6	13.3	1.56	16.1	13.0	1.61	**14.6**	12.6	**1.74**	**13.5**	12.2	**1.77**
		67(19.4)	80(26.67)	19.5	14.5	1.01	19.1	14.3	1.19	18.2	13.9	1.39	17.6	13.6	1.47	17.0	13.2	1.56	16.4	12.9	1.61	14.9	12.6	1.75	13.8	12.1	1.79
		66.2(19)	84.2(29)	19.6	14.9	1.01	19.2	14.7	1.20	18.3	14.2	1.39	17.7	13.9	1.47	17.1	13.5	1.56	16.5	13.2	1.61	**15.0**	12.9	**1.76**	**13.9**	12.4	**1.80**
		71.6(22)	86(30)	20.9	15.5	1.02	20.5	15.3	1.21	19.5	14.8	1.41	18.9	14.4	1.48	18.2	14.0	1.58	17.6	13.6	1.63	**16.4**	13.6	**1.78**	**15.3**	13.1	**1.82**
		75.2(24)	89.6(32)	21.7	15.8	1.03	21.2	15.5	1.22	20.2	15.0	1.43	19.6	14.6	1.50	18.9	14.2	1.60	18.3	13.8	1.65	**17.0**	13.8	**1.81**	**15.8**	13.3	**1.84**
50	540	57.2(14)	68(20)	14.0	11.5	0.96	13.7	11.4	1.14	13.1	11.1	1.33	12.7	10.9	1.40	12.2	10.6	1.49	11.8	10.4	1.54	**11.1**	10.2	**1.68**	**10.3**	9.9	**1.72**
		60.8(16)	71.6(22)	16.4	13.1	0.98	16.0	12.9	1.16	15.3	12.6	1.35	14.8	12.3	1.42	14.3	12.0	1.51	13.8	11.7	1.56	**12.9**	11.6	**1.71**	**11.9**	11.2	**1.74**
		63(17.2)	76(24.4)	17.9	13.9	0.99	17.5	13.8	1.17	16.7	13.4	1.36	16.2	13.1	1.44	15.6	12.7	1.53	15.1	12.4	1.58	14.1	12.3	1.73	13.1	11.9	1.76
		64.4(18)	77(25)	18.3	14.2	0.99	17.9	14.1	1.17	17.0	13.6	1.37	16.5	13.3	1.44	15.9	13.0	1.53	15.4	12.7	1.58	**14.4**	12.5	**1.73**	**13.4**	12.1	**1.77**
		66.2(19)	80.6(27)	19.1	14.7	1.01	18.7	14.5	1.19	17.8	14.1	1.39	17.3	13.7	1.47	16.7	13.4	1.56	16.1	13.0	1.61	**14.7**	12.7	**1.74**	**13.6**	12.3	**1.78**
		67(19.4)	80(26.67)	19.6	14.6	1.01	19.2	14.4	1.20	18.3	14.0	1.40	17.7	13.7	1.47	17.1	13.3	1.56	16.5	13.0	1.62	15.0	12.7	1.76	13.9	12.2	1.80
		66.2(19)	84.2(29)	19.7	15.0	1.01	19.3	14.8	1.20	18.4	14.3	1.40	17.8	14.0	1.47	17.2	13.6	1.57	16.6	13.3	1.62	**15.0**	12.9	**1.76**	**13.9**	12.5	**1.80**
		71.6(22)	86(30)	21.0	15.6	1.02	20.5	15.4	1.21	19.6	14.9	1.41	19.0	14.5	1.49	18.3	14.1	1.58	17.7	13.7	1.63	**16.5**	13.7	**1.79**	**15.3**	13.2	**1.83**
		75.2(24)	89.6(32)	21.8	15.8	1.04	21.3	15.6	1.23	20.3	15.1	1.43	19.7	14.7	1.51	19.0	14.3	1.60	18.4	13.9	1.66	**17.1**	13.9	**1.81**	**15.9**	13.4	**1.85**
37	569	57.2(14)	68(20)	14.1	11.6	0.96	13.8	11.5	1.14	13.1	11.2	1.33	12.7	10.9	1.40	12.3	10.7	1.49	11.9	10.4	1.54	**11.1**	10.3	**1.69**	**10.3**	9.9	**1.73**
		60.8(16)	71.6(22)	16.4	13.2	0.98	16.1	13.0	1.16	15.3	12.6	1.35	14.9	12.4	1.42	14.3	12.1	1.52	13.9	11.8	1.57	**12.9**	11.6	**1.71**	**12.0**	11.2	**1.75**
		63(17.2)	76(24.4)	18.0	14.0	0.99	17.6	13.9	1.17	16.8	13.4	1.37	16.3	13.1	1.44	15.6	12.8	1.53	15.1	12.5	1.58	14.2	12.4	1.73	13.1	11.9	1.77
		64.4(18)	77(25)	18.3	14.3	0.99	18.0	14.1	1.18	17.1	13.7	1.37	16.6	13.4	1.45	16.0	13.1	1.54	15.5	12.7	1.59	**14.5**	12.6	**1.74**	**13.4**	12.2	**1.77**
		66.2(19)	80.6(27)	19.2	14.8	1.01	18.8	14.6	1.20	17.9	14.2	1.40	17.4	13.8	1.47	16.7	13.5	1.56	16.2	13.1	1.62	**14.8**	12.8	**1.75**	**13.7**	12.4	**1.79**
		67(19.4)	80(26.67)	19.7	14.7	1.01	19.2	14.5	1.20	18.3	14.1	1.40	17.8	13.7	1.48	17.1	13.4	1.57	16.6	13.0	1.62	15.0	12.8	1.77	13.9	12.3	1.80
		66.2(19)	84.2(29)	19.8	15.1	1.01	19.4	14.9	1.20	18.5	14.4	1.40	17.9	14.1	1.48	17.2	13.7	1.57	16.7	13.3	1.62	**15.1**	13.0	**1.77**	**14.0**	12.6	**1.81**
		71.6(22)	86(30)	21.1	15.7	1.02	20.6	15.5	1.21	19.6	15.0	1.41	19.1	14.6	1.49	18.4	14.2	1.58	17.8	13.8	1.64	**16.6**	13.7	**1.79**	**15.4**	13.3	**1.83**
		75.2(24)	89.6(32)	21.9	15.9	1.04	21.4	15.7	1.23	20.4	15.2	1.43	19.8	14.8	1.51	19.0	14.4	1.61	18.4	14.0	1.66	**17.2**	13.9	**1.82**	**15.9**	13.5	**1.86**
25	588	57.2(14)	68(20)	14.2	11.7	0.97	13.9	11.6	1.15	13.2	11.3	1.34	12.8	11.1	1.41	12.4	10.8	1.50	12.0	10.6	1.55	**11.2**	10.4	**1.70**	**10.4**	10.1	**1.74**
		60.8(16)	71.6(22)	16.6	13.3	0.98	16.2	13.2	1.17	15.4	12.8	1.36	15.0	12.5	1.43	14.4	12.2	1.52	14.0	11.9	1.58	**13.0**	11.8	**1.72**	**12.1**	11.4	**1.76**
		63(17.2)	76(24.4)	18.1	14.2	1.00	17.7	14.0	1.18	16.9	13.6	1.38	16.4	13.3	1.45	15.8	13.0	1.54	15.2	12.6	1.59	14.3	12.5	1.74	13.2	12.1	1.78
		64.4(18)	77(25)	18.5	14.5	1.00	18.1	14.3	1.18	17.2	13.9	1.38	16.7	13.6	1.46	16.1	13.2	1.55	15.6	12.9	1.60	**14.6**	12.8	**1.75**	**13.5**	12.3	**1.79**
		66.2(19)	80.6(27)	19.3	15.0	1.02	18.9	14.8	1.20	18.0	14.3	1.40	17.5	14.0	1.48	16.8	13.6	1.57	16.3	13.3	1.63	**15.0**	13.0	**1.77**	**13.9**	12.6	**1.81**
		67(19.4)	80(26.67)	19.8	14.9	1.02	19.4	14.7	1.21	18.5	14.2	1.41	18.0	13.9	1.49	17.3	13.6	1.58	16.7	13.2	1.63	15.2	13.0	1.78	14.1	12.5	1.82
		66.2(19)	84.2(29)	20.0	15.3	1.02	19.5	15.1	1.21	18.6	14.6	1.41	18.1	14.3	1.49	17.4	13.9	1.58	16.8	13.5	1.63	**15.2**	13.2	**1.78**	**14.1**	12.7	**1.82**
		71.6(22)	86(30)	21.2	15.9	1.03	20.8	15.7	1.22	19.8	15.1	1.42	19.2	14.8	1.50	18.5	14.4	1.59	17.9	14.0	1.65	**16.7**	13.9	**1.80**	**15.5**	13.4	**1.84**
		75.2(24)	89.6(32)	22.0	16.1	1.04	21.6	15.9	1.24	20.5	15.4	1.44	19.9	15.0	1.52	19.2	14.6	1.62	18.6	14.2	1.67	**17.3**	14.1	**1.83**	**16.0**	13.6	**1.87**
0	706	57.2(14)	68(20)	14.7	12.6	0.98	14.4	12.5	1.17	13.7	12.1	1.36	13.3	11.9	1.43	12.8	11.6	1.52	12.4	11.3	1.57	**11.6**	11.2	**1.72**	**10.8**	10.8	**1.76**
		60.8(16)	71.6(22)	17.1	14.3	1.00	16.8	14.2	1.18	16.0	13.7	1.38	15.5	13.4	1.45	14.9	13.1	1.55	14.4	12.8	1.60	**13.5**	12.7	**1.75**	**12.5**	12.2	**1.79**
		63(17.2)	76(24.4)	18.7	15.2	1.01	18.3	15.1	1.20	17.5	14.6	1.40	16.9	14.3	1.47	16.3	13.9	1.56	15.8	13.6	1.62	14.8	13.4	1.77	13.7	13.0	1.81
		64.4(18)	77(25)	19.1	15.6	1.01	18.7	15.4	1.20	17.8	14.9	1.40	17.3	14.6	1.48	16.7	14.2	1.57	16.1	13.8	1.62	**15.1**	13.7	**1.77**	**14.0**	13.2	**1.81**
		66.2(19)	80.6(27)	20.0	16.1	1.03	19.6	15.9	1.22	18.7	15.4	1.42	18.1	15.0	1.50	17.4	14.7	1.60	16.9	14.3	1.65	**15.4**	13.9	**1.79**	**14.2**	13.4	**1.82**
		67(19.4)	80(26.67)	20.6	16.0	1.04	20.2	15.8	1.23	19.3	15.3	1.43	18.7	14.9	1.51	18.0	14.6	1.60	17.4	14.2	1.66	15.7	13.9	1.80	14.5	13.4	1.84
		66.2(19)	84.2(29)	20.8	16.5	1.04	20.4	16.3	1.23	19.4	15.7	1.43	18.8	15.4	1.51	18.1	15.0	1.60	17.5	14.6	1.66	**15.7**	14.2	**1.80**	**14.6**	13.7	**1.84**
		71.6(22)	86(30)	22.0	17.1	1.04	21.5	16.8	1.24	20.5	16.3	1.44	19.9	15.9	1.52	19.1	15.4	1.62	18.5	15.0	1.67	**17.3**	14.9	**1.83**	**16.0**	14.4	**1.87**
		75.2(24)	89.6(32)	22.8	17.3	1.06	22.3	17.1	1.26	21.3	16.5	1.46	20.6	16.1	1.54	19.9	15.6	1.64	19.2	15.2	1.69	**17.9**	15.1	**1.85**	**16.6**	14.6	**1.89**

18K(M)																											
ESP	Air Folw Rate	Indoor Air Temperature		Outdoor Air Temperature (°FDB)																							
				68.0			77.0			89.6			95.0			104.0			109.4			115.0			125.0		
	CFM	°FWB	°FDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
60	419	57.2(14)	68(20)	13.3	10.8	0.94	13.1	10.7	1.11	12.4	10.4	1.30	12.1	10.2	1.37	11.6	10.0	1.45	11.2	9.7	1.50	**10.5**	9.6	**1.64**	**9.8**	9.3	**1.68**
		60.8(16)	71.6(22)	15.6	12.2	0.95	15.2	12.1	1.13	14.5	11.8	1.32	14.1	11.5	1.39	13.6	11.2	1.48	13.1	11.0	1.52	**12.2**	10.8	**1.66**	**11.3**	10.5	**1.70**
		63(17.2)	76(24.4)	17.0	13.0	0.96	16.6	12.9	1.14	15.9	12.5	1.33	15.4	12.2	1.40	14.8	11.9	1.49	14.3	11.6	1.54	13.4	11.5	1.68	12.4	11.1	1.72
		64.4(18)	77(25)	17.4	13.3	0.97	17.0	13.2	1.15	16.2	12.8	1.34	15.7	12.5	1.41	15.1	12.2	1.50	14.6	11.9	1.55	**13.7**	11.7	**1.69**	**12.7**	11.3	**1.72**
		66.2(19)	80.6(27)	18.2	13.8	0.98	17.8	13.6	1.17	17.0	13.2	1.36	16.4	12.9	1.43	15.8	12.5	1.52	15.3	12.2	1.57	**13.9**	11.9	**1.70**	**12.9**	11.5	**1.73**
		67(19.4)	80(26.67)	18.6	13.7	0.99	18.2	13.5	1.17	17.4	13.1	1.36	16.8	12.8	1.44	16.2	12.5	1.53	15.7	12.1	1.58	14.2	11.8	1.71	13.2	11.4	1.75
		66.2(19)	84.2(29)	18.7	14.0	0.99	18.3	13.8	1.17	17.5	13.4	1.37	16.9	13.1	1.44	16.3	12.8	1.53	15.8	12.4	1.58	**14.3**	12.1	**1.72**	**13.2**	11.7	**1.76**
		71.6(22)	86(30)	20.0	14.6	1.00	19.5	14.4	1.18	18.6	13.9	1.38	18.1	13.6	1.45	17.4	13.2	1.54	16.8	12.9	1.59	**15.7**	12.8	**1.74**	**14.6**	12.4	**1.78**
		75.2(24)	89.6(32)	20.7	14.8	1.01	20.3	14.6	1.20	19.3	14.1	1.40	18.7	13.8	1.47	18.0	13.4	1.57	17.4	13.0	1.62	**16.3**	13.0	**1.77**	**15.1**	12.5	**1.80**
50	430	57.2(14)	68(20)	13.4	10.8	0.94	13.1	10.7	1.12	12.5	10.4	1.30	12.1	10.2	1.37	11.7	10.0	1.46	11.3	9.7	1.51	**10.6**	9.6	**1.65**	9.8	9.3	**1.68**
		60.8(16)	71.6(22)	15.6	12.3	0.96	15.3	12.2	1.13	14.6	11.8	1.32	14.1	11.5	1.39	13.6	11.3	1.48	13.2	11.0	1.53	**12.3**	10.9	**1.67**	11.4	10.5	**1.71**
		63(17.2)	76(24.4)	17.1	13.1	0.97	16.7	12.9	1.15	15.9	12.5	1.34	15.4	12.3	1.41	14.9	12.0	1.50	14.4	11.7	1.55	13.5	11.5	1.69	12.5	11.2	1.73
		64.4(18)	77(25)	17.4	13.4	0.97	17.1	13.2	1.15	16.3	12.8	1.34	15.8	12.5	1.41	15.2	12.2	1.50	14.7	11.9	1.55	**13.8**	11.8	**1.69**	12.8	11.4	**1.73**
		66.2(19)	80.6(27)	18.2	13.8	0.99	17.9	13.6	1.17	17.0	13.2	1.36	16.5	12.9	1.44	15.9	12.6	1.53	15.4	12.3	1.58	**13.9**	11.9	**1.70**	12.9	11.5	**1.74**
		67(19.4)	80(26.67)	18.7	13.7	0.99	18.3	13.6	1.17	17.4	13.1	1.37	16.9	12.8	1.44	16.3	12.5	1.53	15.8	12.2	1.58	14.3	11.9	1.72	13.2	11.5	1.76
		66.2(19)	84.2(29)	18.8	14.1	0.99	18.4	13.9	1.17	17.5	13.4	1.37	17.0	13.1	1.44	16.4	12.8	1.53	15.8	12.5	1.59	**14.3**	12.2	**1.73**	13.3	11.7	**1.76**
		71.6(22)	86(30)	20.0	14.6	1.00	19.6	14.5	1.18	18.7	14.0	1.38	18.1	13.6	1.46	17.4	13.3	1.55	16.9	12.9	1.60	**15.8**	12.8	**1.75**	14.6	12.4	**1.79**
		75.2(24)	89.6(32)	20.8	14.9	1.01	20.3	14.7	1.20	19.4	14.2	1.40	18.8	13.8	1.48	18.1	13.4	1.57	17.5	13.1	1.62	**16.3**	13.0	**1.77**	15.1	12.6	**1.81**
37	458	57.2(14)	68(20)	13.5	10.9	0.95	13.2	10.8	1.12	12.6	10.5	1.31	12.2	10.3	1.38	11.8	10.0	1.47	11.4	9.8	1.52	**10.7**	9.7	**1.66**	9.9	9.3	**1.70**
		60.8(16)	71.6(22)	15.8	12.4	0.96	15.4	12.2	1.14	14.7	11.9	1.33	14.3	11.6	1.40	13.7	11.3	1.49	13.3	11.1	1.54	**12.4**	10.9	**1.68**	11.5	10.6	**1.72**
		63(17.2)	76(24.4)	17.2	13.2	0.97	16.9	13.0	1.15	16.1	12.6	1.35	15.6	12.3	1.42	15.0	12.0	1.51	14.5	11.7	1.56	13.6	11.6	1.70	12.6	11.2	1.74
		64.4(18)	77(25)	17.6	13.4	0.98	17.2	13.3	1.16	16.4	12.9	1.35	15.9	12.6	1.42	15.3	12.3	1.51	14.8	12.0	1.56	**13.9**	11.8	**1.71**	12.9	11.4	**1.74**
		66.2(19)	80.6(27)	18.4	13.9	0.99	18.0	13.7	1.18	17.2	13.3	1.37	16.6	13.0	1.45	16.0	12.7	1.54	15.5	12.3	1.59	**14.1**	12.0	**1.72**	13.1	11.6	**1.76**
		67(19.4)	80(26.67)	18.9	13.8	1.00	18.5	13.6	1.18	17.6	13.2	1.38	17.1	12.9	1.45	16.5	12.6	1.54	15.9	12.3	1.60	14.4	12.0	1.74	13.3	11.5	1.77
		66.2(19)	84.2(29)	19.0	14.2	1.00	18.6	14.0	1.18	17.7	13.6	1.38	17.2	13.2	1.45	16.6	12.9	1.55	16.0	12.6	1.60	**14.5**	12.2	**1.74**	13.4	11.8	**1.78**
		71.6(22)	86(30)	20.2	14.7	1.01	19.8	14.5	1.19	18.8	14.1	1.39	18.3	13.7	1.47	17.6	13.3	1.56	17.0	13.0	1.61	**15.9**	12.9	**1.76**	14.7	12.5	**1.80**
		75.2(24)	89.6(32)	21.0	15.0	1.02	20.5	14.8	1.21	19.5	14.3	1.41	19.0	13.9	1.49	18.3	13.5	1.58	17.7	13.1	1.63	**16.5**	13.1	**1.79**	15.3	12.6	**1.82**
25	471	57.2(14)	68(20)	13.5	10.9	0.95	13.3	10.8	1.13	12.6	10.5	1.31	12.3	10.3	1.38	11.8	10.1	1.47	11.4	9.8	1.52	**10.7**	9.7	**1.67**	**9.9**	9.4	**1.70**
		60.8(16)	71.6(22)	15.8	12.4	0.96	15.5	12.3	1.14	14.7	11.9	1.33	14.3	11.6	1.40	13.8	11.4	1.49	13.3	11.1	1.54	**12.4**	11.0	**1.69**	**11.5**	10.6	**1.73**
		63(17.2)	76(24.4)	17.3	13.2	0.98	16.9	13.1	1.16	16.1	12.7	1.35	15.6	12.4	1.42	15.0	12.1	1.51	14.5	11.8	1.56	13.6	11.6	1.71	12.6	11.2	1.74
		64.4(18)	77(25)	17.6	13.5	0.98	17.3	13.3	1.16	16.4	12.9	1.35	16.0	12.6	1.43	15.4	12.3	1.52	14.9	12.0	1.57	**13.9**	11.9	**1.71**	**12.9**	11.5	**1.75**
		66.2(19)	80.6(27)	18.5	13.9	1.00	18.1	13.8	1.18	17.2	13.3	1.38	16.7	13.0	1.45	16.1	12.7	1.54	15.5	12.4	1.59	**14.1**	12.0	**1.72**	**13.1**	11.6	**1.76**
		67(19.4)	80(26.67)	19.0	13.8	1.00	18.6	13.7	1.19	17.7	13.2	1.38	17.2	12.9	1.46	16.5	12.6	1.55	16.0	12.3	1.60	14.4	12.0	1.74	13.4	11.6	1.78
		66.2(19)	84.2(29)	19.1	14.2	1.00	18.7	14.0	1.19	17.8	13.6	1.38	17.3	13.3	1.46	16.6	12.9	1.55	16.1	12.6	1.60	**14.5**	12.3	**1.74**	**13.5**	11.8	**1.78**
		71.6(22)	86(30)	20.2	14.8	1.01	19.8	14.6	1.20	18.9	14.1	1.39	18.3	13.7	1.47	17.6	13.4	1.56	17.1	13.0	1.61	**15.9**	12.9	**1.77**	**14.8**	12.5	**1.81**
		75.2(24)	89.6(32)	21.0	15.0	1.02	20.6	14.8	1.21	19.6	14.3	1.41	19.0	13.9	1.49	18.3	13.5	1.59	17.7	13.2	1.64	**16.5**	13.1	**1.79**	**15.3**	12.7	**1.83**
0	588	57.2(14)	68(20)	14.2	11.7	0.97	13.9	11.6	1.15	13.2	11.3	1.34	12.8	11.1	1.41	12.4	10.8	1.50	12.0	10.6	1.55	**11.2**	10.4	**1.70**	**10.4**	10.1	**1.74**
		60.8(16)	71.6(22)	16.6	13.3	0.98	16.2	13.2	1.17	15.4	12.8	1.36	15.0	12.5	1.43	14.4	12.2	1.52	14.0	11.9	1.58	**13.0**	11.8	**1.72**	**12.1**	11.4	**1.76**
		63(17.2)	76(24.4)	18.1	14.2	1.00	17.7	14.0	1.18	16.9	13.6	1.38	16.4	13.3	1.45	15.8	13.0	1.54	15.2	12.6	1.59	14.3	12.5	1.74	13.2	12.1	1.78
		64.4(18)	77(25)	18.5	14.5	1.00	18.1	14.3	1.18	17.2	13.9	1.38	16.7	13.6	1.46	16.1	13.2	1.55	15.6	12.9	1.60	**14.6**	12.8	**1.75**	**13.5**	12.3	**1.79**
		66.2(19)	80.6(27)	19.3	15.0	1.02	18.9	14.8	1.20	18.0	14.3	1.40	17.5	14.0	1.48	16.8	13.6	1.57	16.3	13.3	1.63	**14.8**	12.9	**1.76**	**13.8**	12.5	**1.80**
		67(19.4)	80(26.67)	19.9	14.9	1.02	19.5	14.7	1.21	18.6	14.2	1.41	18.0	13.9	1.49	17.4	13.6	1.58	16.8	13.2	1.63	15.1	12.9	1.78	14.0	12.5	1.81
		66.2(19)	84.2(29)	20.1	15.3	1.02	19.7	15.1	1.21	18.7	14.7	1.41	18.2	14.3	1.49	17.5	13.9	1.58	16.9	13.6	1.63	**15.2**	13.2	**1.78**	**14.1**	12.7	**1.82**
		71.6(22)	86(30)	21.2	15.9	1.03	20.8	15.7	1.22	19.8	15.1	1.42	19.2	14.8	1.50	18.5	14.4	1.59	17.9	14.0	1.65	**16.7**	13.9	**1.80**	**15.5**	13.4	**1.84**
		75.2(24)	89.6(32)	22.0	16.1	1.04	21.6	15.9	1.24	20.5	15.4	1.44	19.9	15.0	1.52	19.2	14.6	1.62	18.6	14.2	1.67	**17.3**	14.1	**1.83**	**16.0**	13.6	**1.87**

Performance Tables

24K(H)

ESP	Air Folw Rate	Indoor Air Temperature		Outdoor Air Temperature (°FDB)																									
				68.0			77.0			89.6			95.0			104.0			109.4			115.0			125.0		
	CFM	°FWB	°FDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
60	658	57.2(14)	68(20)	18.2	14.6	1.26	17.8	14.5	1.49	17.0	14.1	1.74	16.5	13.8	1.83	15.8	13.5	1.95	15.3	13.2	2.01	**14.4**	13.0	**2.20**	**13.4**	12.6	**2.25**
		60.8(16)	71.6(22)	21.2	16.6	1.28	20.8	16.5	1.51	19.8	16.0	1.77	19.2	15.6	1.86	18.5	15.3	1.98	17.9	14.9	2.04	**16.7**	14.7	**2.23**	**15.5**	14.2	**2.28**
		63(17.2)	76(24.4)	23.2	17.7	1.29	22.7	17.5	1.53	21.6	17.0	1.79	21.0	16.6	1.88	20.2	16.2	2.00	19.5	15.8	2.07	18.4	15.6	2.26	17.0	15.1	2.30
		64.4(18)	77(25)	23.7	18.1	1.30	23.2	17.9	1.54	22.1	17.3	1.79	21.4	16.9	1.89	20.6	16.5	2.01	19.9	16.1	2.08	**18.8**	15.9	**2.26**	**17.4**	15.4	**2.31**
		66.2(19)	80.6(27)	24.8	18.7	1.32	24.3	18.5	1.56	23.1	17.9	1.82	22.4	17.5	1.92	21.6	17.0	2.04	20.9	16.6	2.11	**19.0**	16.1	**2.27**	**17.6**	15.5	**2.32**
		67(19.4)	80(26.67)	25.4	18.6	1.32	24.8	18.4	1.57	23.6	17.8	1.83	22.9	17.4	1.93	22.1	16.9	2.05	21.4	16.5	2.12	19.4	16.1	2.30	18.0	15.5	2.35
		66.2(19)	84.2(29)	25.5	19.0	1.32	25.0	18.8	1.57	23.8	18.2	1.83	23.1	17.8	1.93	22.2	17.3	2.05	21.5	16.9	2.12	**19.6**	16.5	**2.30**	**18.1**	15.9	**2.35**
		71.6(22)	86(30)	27.2	19.8	1.34	26.6	19.6	1.58	25.4	18.9	1.85	24.6	18.5	1.95	23.7	18.0	2.07	22.9	17.5	2.14	**21.5**	17.4	**2.33**	**19.9**	16.8	**2.38**
		75.2(24)	89.6(32)	28.2	20.2	1.36	27.6	19.9	1.61	26.3	19.2	1.87	25.5	18.7	1.97	24.6	18.2	2.10	23.8	17.7	2.17	**22.3**	17.6	**2.37**	**20.6**	17.0	**2.42**
50	742	57.2(14)	68(20)	18.6	15.2	1.27	18.2	15.1	1.51	17.4	14.6	1.76	16.9	14.3	1.85	16.2	14.0	1.97	15.7	13.7	2.03	**14.8**	13.5	**2.22**	**13.7**	13.0	**2.27**
		60.8(16)	71.6(22)	21.7	17.3	1.29	21.3	17.1	1.53	20.3	16.6	1.78	19.7	16.2	1.88	18.9	15.8	2.00	18.3	15.4	2.07	**17.1**	15.3	**2.25**	**15.9**	14.7	**2.30**
		63(17.2)	76(24.4)	23.7	18.4	1.31	23.2	18.2	1.55	22.1	17.6	1.81	21.5	17.2	1.90	20.7	16.8	2.02	20.0	16.4	2.09	18.8	16.2	2.28	17.5	15.7	2.33
		64.4(18)	77(25)	24.2	18.8	1.31	23.7	18.6	1.55	22.6	18.0	1.81	21.9	17.6	1.91	21.1	17.1	2.03	20.4	16.7	2.10	**19.2**	16.5	**2.28**	**17.8**	16.0	**2.33**
		66.2(19)	80.6(27)	25.4	19.4	1.33	24.8	19.2	1.58	23.7	18.6	1.84	23.0	18.1	1.94	22.1	17.7	2.06	21.4	17.2	2.13	**19.6**	16.8	**2.30**	**18.2**	16.2	**2.35**
		67(19.4)	80(26.67)	26.0	19.3	1.34	25.4	19.0	1.58	24.2	18.5	1.85	23.5	18.0	1.95	22.6	17.6	2.07	21.9	17.1	2.14	19.9	16.8	2.32	18.5	16.2	2.37
		66.2(19)	84.2(29)	26.2	19.8	1.34	25.6	19.5	1.59	24.4	18.9	1.85	23.7	18.5	1.95	22.8	18.0	2.07	22.0	17.5	2.14	**20.0**	17.1	**2.33**	**18.6**	16.5	**2.38**
		71.6(22)	86(30)	27.8	20.6	1.35	27.3	20.3	1.60	26.0	19.6	1.87	25.2	19.2	1.97	24.3	18.6	2.09	23.5	18.1	2.16	**22.0**	18.0	**2.36**	**20.4**	17.4	**2.41**
		75.2(24)	89.6(32)	28.9	20.9	1.37	28.3	20.6	1.62	27.0	19.9	1.89	26.1	19.4	1.99	25.2	18.9	2.12	24.4	18.3	2.19	**22.8**	18.3	**2.39**	**21.1**	17.7	**2.44**
37	803	57.2(14)	68(20)	19.0	15.6	1.28	18.5	15.5	1.52	17.7	15.0	1.77	17.1	14.7	1.86	16.5	14.4	1.98	16.0	14.1	2.05	**15.0**	13.9	**2.24**	**13.9**	13.4	**2.29**
		60.8(16)	71.6(22)	22.1	17.7	1.30	21.6	17.5	1.54	20.6	17.0	1.80	20.0	16.7	1.89	19.3	16.3	2.01	18.6	15.9	2.08	**17.4**	15.7	**2.27**	**16.2**	15.1	**2.32**
		63(17.2)	76(24.4)	24.2	18.9	1.32	23.6	18.7	1.56	22.5	18.1	1.82	21.9	17.7	1.92	21.0	17.3	2.04	20.4	16.8	2.11	19.1	16.7	2.30	17.8	16.1	2.34
		64.4(18)	77(25)	24.7	19.3	1.32	24.1	19.1	1.57	23.0	18.5	1.83	22.3	18.1	1.92	21.5	17.6	2.04	20.8	17.2	2.11	**19.6**	17.0	**2.30**	**18.2**	16.4	**2.35**
		66.2(19)	80.6(27)	25.8	19.9	1.34	25.3	19.7	1.59	24.1	19.1	1.86	23.4	18.6	1.96	22.5	18.2	2.08	21.8	17.7	2.15	**20.1**	17.3	**2.33**	**18.6**	16.7	**2.38**
		67(19.4)	80(26.67)	26.5	19.8	1.35	25.9	19.6	1.60	24.7	19.0	1.86	24.0	18.5	1.96	23.1	18.0	2.09	22.3	17.6	2.16	20.3	17.3	2.34	18.8	16.7	2.39
		66.2(19)	84.2(29)	26.6	20.3	1.35	26.1	20.1	1.60	24.9	19.4	1.86	24.1	19.0	1.96	23.2	18.5	2.09	22.5	18.0	2.16	**20.4**	17.5	**2.34**	**18.9**	16.9	**2.39**
		71.6(22)	86(30)	28.3	21.1	1.36	27.7	20.9	1.61	26.4	20.2	1.88	25.6	19.7	1.98	24.7	19.1	2.11	23.9	18.6	2.18	**22.4**	18.5	**2.38**	**20.8**	17.9	**2.43**
		75.2(24)	89.6(32)	29.4	21.5	1.38	28.8	21.2	1.64	27.4	20.4	1.91	26.6	19.9	2.01	25.6	19.4	2.14	24.8	18.8	2.21	**23.2**	18.8	**2.41**	**21.5**	18.1	**2.46**
25	824	57.2(14)	68(20)	19.1	15.7	1.28	18.7	15.6	1.52	17.8	15.2	1.77	17.2	14.9	1.87	16.6	14.5	1.99	16.1	14.2	2.05	**15.1**	14.0	**2.24**	**14.0**	13.5	**2.29**
		60.8(16)	71.6(22)	22.2	17.9	1.30	21.8	17.7	1.55	20.7	17.2	1.80	20.1	16.8	1.90	19.4	16.4	2.02	18.7	16.0	2.09	**17.5**	15.8	**2.28**	**16.3**	15.3	**2.32**
		63(17.2)	76(24.4)	24.3	19.1	1.32	23.8	18.8	1.56	22.7	18.3	1.82	22.0	17.9	1.92	21.2	17.4	2.04	20.5	17.0	2.11	19.3	16.8	2.30	17.9	16.2	2.35
		64.4(18)	77(25)	24.8	19.4	1.32	24.3	19.2	1.57	23.1	18.6	1.83	22.5	18.2	1.93	21.6	17.8	2.05	20.9	17.3	2.12	**19.7**	17.1	**2.31**	**18.3**	16.6	**2.36**
		66.2(19)	80.6(27)	26.0	20.1	1.35	25.4	19.9	1.60	24.2	19.2	1.86	23.5	18.8	1.96	22.6	18.3	2.08	21.9	17.8	2.15	**20.2**	17.5	**2.34**	**18.8**	16.9	**2.39**
		67(19.4)	80(26.67)	26.6	20.0	1.35	26.1	19.7	1.60	24.8	19.1	1.87	24.1	18.7	1.97	23.2	18.2	2.09	22.4	17.7	2.16	20.4	17.4	2.35	19.0	16.8	2.40
		66.2(19)	84.2(29)	26.8	20.5	1.35	26.2	20.3	1.60	25.0	19.6	1.87	24.3	19.1	1.97	23.4	18.6	2.09	22.6	18.2	2.16	**20.5**	17.7	**2.35**	**19.0**	17.1	**2.40**
		71.6(22)	86(30)	28.5	21.3	1.36	27.9	21.0	1.62	26.6	20.3	1.88	25.8	19.9	1.99	24.8	19.3	2.11	24.0	18.8	2.18	**22.5**	18.7	**2.38**	**20.9**	18.0	**2.43**
		75.2(24)	89.6(32)	29.6	21.7	1.38	29.0	21.4	1.64	27.6	20.6	1.91	26.8	20.1	2.01	25.8	19.6	2.14	24.9	19.0	2.21	**23.3**	18.9	**2.41**	**21.6**	18.3	**2.46**
0	941	57.2(14)	68(20)	19.3	16.1	1.29	18.9	16.0	1.53	18.0	15.5	1.78	17.5	15.2	1.88	16.9	14.9	2.00	16.3	14.5	2.06	**15.3**	14.3	**2.25**	**14.2**	13.8	**2.30**
		60.8(16)	71.6(22)	22.6	18.3	1.31	22.1	18.1	1.55	21.1	17.6	1.81	20.4	17.2	1.91	19.7	16.8	2.03	19.0	16.4	2.09	**17.8**	16.2	**2.29**	**16.5**	15.6	**2.33**
		63(17.2)	76(24.4)	24.7	19.5	1.33	24.1	19.3	1.57	23.0	18.7	1.83	22.3	18.3	1.93	21.5	17.8	2.05	20.8	17.4	2.12	19.5	17.2	2.31	18.1	16.6	2.36
		64.4(18)	77(25)	25.2	19.9	1.33	24.7	19.7	1.58	23.5	19.1	1.84	22.8	18.7	1.94	21.9	18.2	2.06	21.2	17.7	2.13	**20.0**	17.6	**2.32**	**18.5**	17.0	**2.37**
		66.2(19)	80.6(27)	26.4	20.6	1.35	25.8	20.3	1.60	24.6	19.7	1.87	23.9	19.3	1.97	23.0	18.8	2.09	22.2	18.3	2.16	**20.3**	17.8	**2.33**	**18.8**	17.2	**2.38**
		67(19.4)	80(26.67)	27.2	20.4	1.36	26.6	20.2	1.61	25.4	19.6	1.88	24.6	19.1	1.98	23.7	18.6	2.10	22.9	18.2	2.17	20.7	17.7	2.35	19.2	17.1	2.40
		66.2(19)	84.2(29)	27.4	21.1	1.36	26.8	20.8	1.61	25.5	20.2	1.88	24.8	19.7	1.98	23.9	19.2	2.10	23.1	18.7	2.17	**20.8**	18.1	**2.36**	**19.3**	17.5	**2.41**
		71.6(22)	86(30)	28.9	21.8	1.37	28.3	21.5	1.62	27.0	20.8	1.89	26.2	20.3	1.99	25.2	19.8	2.12	24.4	19.2	2.19	**22.9**	19.1	**2.39**	**21.2**	18.5	**2.44**
		75.2(24)	89.6(32)	30.0	22.2	1.39	29.4	21.9	1.65	28.0	21.1	1.92	27.2	20.6	2.02	26.2	20.0	2.15	25.3	19.5	2.22	**23.7**	19.4	**2.42**	**22.0**	18.7	**2.47**

24K(M)

ESP	Air Folw Rate	Indoor Air Temperature		Outdoor Air Temperature (°FDB)																									
				68.0			77.0			89.6			95.0			104.0			109.4			115.0			125.0		
	CFM	°FWB	°FDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
60	614	57.2(14)	68(20)	17.9	14.2	1.25	17.5	14.1	1.48	16.7	13.7	1.72	16.2	13.4	1.81	15.6	13.1	1.93	15.1	12.8	1.99	**14.2**	12.6	**2.17**	**13.2**	12.2	**2.22**
		60.8(16)	71.6(22)	20.9	16.1	1.26	20.4	16.0	1.50	19.5	15.5	1.75	18.9	15.2	1.84	18.2	14.8	1.96	17.6	14.5	2.02	**16.5**	14.3	**2.20**	**15.3**	13.8	**2.25**
		63(17.2)	76(24.4)	22.8	17.2	1.28	22.3	17.0	1.52	21.3	16.5	1.77	20.6	16.1	1.86	19.9	15.7	1.98	19.2	15.3	2.05	18.1	15.2	2.23	16.8	14.7	2.27
		64.4(18)	77(25)	23.3	17.6	1.28	22.8	17.4	1.52	21.7	16.8	1.77	21.1	16.4	1.87	20.3	16.0	1.99	19.6	15.6	2.05	**18.5**	15.5	**2.23**	**17.2**	15.0	**2.28**
		66.2(19)	80.6(27)	24.4	18.1	1.31	23.8	17.9	1.55	22.7	17.4	1.80	22.0	17.0	1.90	21.2	16.5	2.02	20.5	16.1	2.09	**18.7**	15.6	**2.24**	**17.4**	15.1	**2.29**
		67(19.4)	80(26.67)	24.9	18.0	1.31	24.4	17.8	1.55	23.2	17.3	1.81	22.6	16.9	1.91	21.7	16.4	2.03	21.0	16.0	2.10	19.2	15.6	2.27	17.8	15.1	2.32
		66.2(19)	84.2(29)	25.1	18.5	1.31	24.5	18.3	1.55	23.4	17.7	1.81	22.7	17.3	1.91	21.8	16.8	2.03	21.1	16.4	2.10	**19.3**	16.0	**2.27**	**17.9**	15.4	**2.32**
		71.6(22)	86(30)	26.7	19.2	1.32	26.2	19.0	1.57	24.9	18.4	1.83	24.2	17.9	1.93	23.3	17.4	2.05	22.5	17.0	2.12	**21.2**	16.9	**2.30**	**19.6**	16.3	**2.35**
		75.2(24)	89.6(32)	27.7	19.6	1.34	27.1	19.3	1.59	25.9	18.6	1.85	25.1	18.2	1.95	24.2	17.6	2.08	23.4	17.2	2.15	**21.9**	17.1	**2.34**	**20.3**	16.5	**2.38**
50	650	57.2(14)	68(20)	18.3	14.8	1.26	17.9	14.7	1.49	17.1	14.3	1.74	16.6	14.0	1.83	16.0	13.7	1.95	15.4	13.3	2.01	**14.5**	13.1	**2.19**	**13.5**	12.7	**2.24**
		60.8(16)	71.6(22)	21.4	16.8	1.28	20.9	16.6	1.51	19.9	16.1	1.76	19.3	15.8	1.86	18.6	15.4	1.98	18.0	15.0	2.04	**16.9**	14.9	**2.23**	**15.7**	14.4	**2.27**
		63(17.2)	76(24.4)	23.4	17.9	1.29	22.9	17.7	1.53	21.8	17.2	1.79	21.1	16.8	1.88	20.4	16.4	2.00	19.7	16.0	2.07	18.5	15.8	2.25	17.2	15.3	2.30
		64.4(18)	77(25)	23.9	18.3	1.30	23.4	18.1	1.54	22.3	17.5	1.79	21.6	17.1	1.89	20.8	16.7	2.01	20.1	16.3	2.07	**19.0**	16.1	**2.26**	**17.6**	15.6	**2.30**
		66.2(19)	80.6(27)	25.0	18.9	1.32	24.4	18.7	1.56	23.3	18.1	1.82	22.6	17.7	1.92	21.8	17.2	2.04	21.0	16.8	2.11	**19.2**	16.3	**2.27**	**17.8**	15.7	**2.32**
		67(19.4)	80(26.67)	25.6	18.8	1.32	25.0	18.5	1.57	23.8	18.0	1.83	23.1	17.6	1.92	22.3	17.1	2.05	21.5	16.7	2.11	19.6	16.2	2.29	18.2	15.7	2.34
		66.2(19)	84.2(29)	25.7	19.2	1.32	25.2	19.0	1.57	24.0	18.4	1.83	23.3	18.0	1.93	22.4	17.5	2.05	21.7	17.0	2.12	**19.7**	16.6	**2.30**	**18.3**	16.1	**2.35**
		71.6(22)	86(30)	27.4	20.0	1.33	26.8	19.8	1.58	25.6	19.1	1.84	24.8	18.6	1.94	23.9	18.1	2.07	23.1	17.6	2.14	**21.7**	17.6	**2.33**	**20.1**	17.0	**2.38**
		75.2(24)	89.6(32)	28.4	20.4	1.35	27.8	20.1	1.61	26.5	19.4	1.87	25.7	18.9	1.97	24.8	18.4	2.10	24.0	17.9	2.17	**22.5**	17.8	**2.36**	**20.8**	17.2	**2.41**
37	706	57.2(14)	68(20)	18.6	15.2	1.26	18.2	15.0	1.50	17.4	14.6	1.75	16.9	14.3	1.84	16.2	14.0	1.96	15.7	13.7	2.02	**14.8**	13.5	**2.21**	**13.7**	13.0	**2.26**
		60.8(16)	71.6(22)	21.7	17.2	1.28	21.3	17.1	1.52	20.3	16.6	1.78	19.7	16.2	1.87	18.9	15.8	1.99	18.3	15.4	2.05	**17.1**	15.2	**2.24**	**15.9**	14.7	**2.29**
		63(17.2)	76(24.4)	23.7	18.4	1.30	23.2	18.2	1.54	22.1	17.6	1.80	21.5	17.2	1.89	20.7	16.8	2.01	20.0	16.4	2.08	18.8	16.2	2.27	17.5	15.7	2.31
		64.4(18)	77(25)	24.2	18.7	1.30	23.7	18.5	1.55	22.6	18.0	1.80	21.9	17.6	1.90	21.1	17.1	2.02	20.4	16.7	2.09	**19.2**	16.5	**2.27**	**17.9**	16.0	**2.32**
		66.2(19)	80.6(27)	25.4	19.4	1.33	24.8	19.1	1.57	23.7	18.5	1.83	23.0	18.1	1.93	22.1	17.7	2.05	21.4	17.2	2.12	**19.5**	16.7	**2.29**	**18.1**	16.1	**2.33**
		67(19.4)	80(26.67)	26.0	19.2	1.33	25.4	19.0	1.58	24.2	18.4	1.84	23.5	18.0	1.94	22.6	17.5	2.06	21.9	17.1	2.13	19.9	16.7	2.31	18.5	16.1	2.36
		66.2(19)	84.2(29)	26.1	19.7	1.33	25.6	19.5	1.58	24.4	18.9	1.84	23.6	18.4	1.94	22.8	17.9	2.06	22.0	17.5	2.13	**20.0**	17.1	**2.31**	**18.6**	16.5	**2.36**
		71.6(22)	86(30)	27.8	20.5	1.34	27.3	20.3	1.59	26.0	19.6	1.86	25.2	19.1	1.96	24.3	18.6	2.08	23.5	18.1	2.15	**22.0**	18.0	**2.35**	**20.4**	17.4	**2.39**
		75.2(24)	89.6(32)	28.9	20.9	1.36	28.3	20.6	1.62	27.0	19.9	1.88	26.2	19.4	1.98	25.2	18.8	2.11	24.4	18.3	2.18	**22.8**	18.3	**2.38**	**21.2**	17.6	**2.43**
25	735	57.2(14)	68(20)	18.8	15.4	1.27	18.4	15.2	1.50	17.5	14.8	1.75	17.0	14.5	1.85	16.4	14.2	1.96	15.8	13.9	2.03	**14.9**	13.7	**2.22**	**13.8**	13.2	**2.26**
		60.8(16)	71.6(22)	21.9	17.4	1.29	21.4	17.3	1.53	20.4	16.8	1.78	19.8	16.4	1.88	19.1	16.0	2.00	18.5	15.6	2.06	**17.3**	15.4	**2.25**	**16.0**	14.9	**2.30**
		63(17.2)	76(24.4)	23.9	18.6	1.30	23.4	18.4	1.55	22.3	17.8	1.80	21.7	17.4	1.90	20.9	17.0	2.02	20.2	16.6	2.09	19.0	16.4	2.27	17.6	15.9	2.32
		64.4(18)	77(25)	24.4	19.0	1.31	23.9	18.8	1.55	22.8	18.2	1.81	22.1	17.8	1.90	21.3	17.3	2.03	20.6	16.9	2.09	**19.4**	16.7	**2.28**	**18.0**	16.2	**2.33**
		66.2(19)	80.6(27)	25.6	19.6	1.33	25.0	19.4	1.58	23.9	18.8	1.84	**23.1**	18.3	**1.94**	22.3	17.9	2.06	21.6	17.4	2.13	**19.7**	16.9	**2.29**	**18.2**	16.3	**2.34**
		67(19.4)	80(26.67)	26.2	19.5	1.33	25.6	19.3	1.58	24.4	18.7	1.84	23.7	18.2	1.94	22.8	17.8	2.07	22.1	17.3	2.13	20.1	16.9	2.32	18.6	16.3	2.37
		66.2(19)	84.2(29)	26.3	20.0	1.34	25.8	19.7	1.58	24.6	19.1	1.85	23.8	18.7	1.94	22.9	18.2	2.07	22.2	17.7	2.14	**20.2**	17.3	**2.32**	**18.7**	16.7	**2.37**
		71.6(22)	86(30)	28.1	20.8	1.35	27.5	20.5	1.60	26.2	19.8	1.86	25.4	19.4	1.96	24.5	18.8	2.09	23.7	18.3	2.16	**22.2**	18.2	**2.35**	**20.6**	17.6	**2.40**
		75.2(24)	89.6(32)	29.1	21.2	1.37	28.5	20.9	1.62	27.2	20.1	1.89	26.4	19.6	1.99	25.4	19.1	2.12	24.6	18.5	2.19	**23.0**	18.5	**2.38**	**21.3**	17.9	**2.44**
0	823	57.2(14)	68(20)	19.1	15.7	1.28	18.7	15.6	1.52	17.8	15.2	1.77	17.2	14.9	1.87	16.6	14.5	1.99	16.1	14.2	2.05	**15.1**	14.0	**2.24**	**14.0**	13.5	**2.29**
		60.8(16)	71.6(22)	22.2	17.9	1.30	21.8	17.7	1.55	20.7	17.2	1.80	20.1	16.8	1.90	19.4	16.4	2.02	18.7	16.0	2.09	**17.5**	15.8	**2.28**	**16.3**	15.3	**2.32**
		63(17.2)	76(24.4)	24.3	19.1	1.32	23.8	18.8	1.56	22.7	18.3	1.82	22.0	17.9	1.92	21.2	17.4	2.04	20.5	17.0	2.11	19.3	16.8	2.30	17.9	16.2	2.35
		64.4(18)	77(25)	24.8	19.4	1.32	24.3	19.2	1.57	23.1	18.6	1.83	22.5	18.2	1.93	21.6	17.8	2.05	20.9	17.3	2.12	**19.7**	17.1	**2.31**	**18.3**	16.6	**2.36**
		66.2(19)	80.6(27)	26.0	20.1	1.35	25.4	19.9	1.60	24.2	19.2	1.86	23.5	18.8	1.96	22.6	18.3	2.08	21.9	17.8	2.15	**20.0**	17.4	**2.32**	**18.6**	16.8	**2.37**
		67(19.4)	80(26.67)	26.8	20.0	1.35	26.2	19.7	1.60	25.0	19.1	1.87	24.2	18.7	1.97	23.3	18.2	2.09	22.6	17.7	2.16	20.4	17.3	2.34	18.9	16.7	2.39
		66.2(19)	84.2(29)	27.0	20.6	1.35	26.4	20.3	1.60	25.2	19.7	1.87	24.4	19.2	1.97	23.5	18.7	2.10	22.7	18.2	2.16	**20.5**	17.7	**2.35**	**19.0**	17.1	**2.40**
		71.6(22)	86(30)	28.5	21.3	1.36	27.9	21.0	1.62	26.6	20.3	1.88	25.8	19.9	1.99	24.8	19.3	2.11	24.0	18.8	2.18	**22.5**	18.7	**2.38**	**20.9**	18.0	**2.43**
		75.2(24)	89.6(32)	29.6	21.7	1.38	29.0	21.4	1.64	27.6	20.6	1.91	26.8	20.1	2.01	25.8	19.6	2.14	24.9	19.0	2.21	**23.3**	18.9	**2.41**	**21.6**	18.3	**2.46**

Performance Tables

30K(H)

BSP	Air Folw Rate	Air Folw Rate	Indoor Air Temperature		Outdoor Air Temperature (°FDB)																							
					68.0			77.0			89.6			95.0			104.0			109.4			115.0			125.0		
	m3/h	CFM	°FWB	°FDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
			57.2(14)	68(20)	21.7	17.4	1.54	21.2	17.3	1.83	20.2	16.8	2.13	19.6	16.5	2.24	18.9	16.1	2.39	18.3	15.7	2.47	**17.2**	15.5	**2.71**	**16.0**	15.0	**2.77**
			60.8(16)	71.6(22)	25.3	19.8	1.56	24.7	19.6	1.85	23.6	19.0	2.16	22.9	18.6	2.28	22.0	18.2	2.42	21.3	17.7	2.50	**20.0**	17.5	**2.75**	**18.5**	16.9	**2.81**
			63(17.2)	76(24.4)	27.6	21.1	1.58	27.0	20.9	1.88	25.8	20.2	2.19	25.0	19.8	2.31	24.1	19.3	2.45	23.3	18.8	2.53	22.0	18.6	2.78	20.4	18.0	2.84
			64.4(18)	77(25)	28.2	21.5	1.59	27.6	21.3	1.88	26.3	20.6	2.20	25.5	20.2	2.31	24.6	19.7	2.46	23.8	19.2	2.54	**22.5**	19.0	**2.79**	**20.8**	18.4	**2.85**
80	1320	776	66.2(19)	80.6(27)	29.5	22.3	1.62	28.9	22.0	1.91	27.5	21.3	2.23	26.7	20.8	2.35	25.7	20.3	2.50	24.9	19.8	2.58	**22.7**	19.2	**2.81**	**21.1**	18.5	**2.87**
			67(19.4)	80(26.67)	30.2	22.1	1.62	29.6	21.9	1.92	28.2	21.2	2.24	27.3	20.7	2.36	26.3	20.2	2.51	25.5	19.6	2.59	23.2	19.1	2.83	21.6	18.5	2.90
			66.2(19)	84.2(29)	30.4	22.7	1.62	29.7	22.4	1.92	28.3	21.7	2.24	27.5	21.2	2.36	26.5	20.6	2.51	25.6	20.1	2.59	**23.4**	19.6	**2.84**	**21.7**	18.9	**2.90**
			71.6(22)	86(30)	32.4	23.6	1.64	31.7	23.3	1.94	30.2	22.5	2.26	29.3	22.0	2.38	28.2	21.4	2.53	27.3	20.8	2.62	**25.7**	20.7	**2.88**	**23.8**	20.0	**2.94**
			75.2(24)	89.6(32)	33.6	24.0	1.66	32.9	23.7	1.97	31.4	22.9	2.29	30.4	22.3	2.42	29.3	21.7	2.57	28.3	21.1	2.66	**26.6**	21.0	**2.92**	**24.7**	20.3	**2.98**
			57.2(14)	68(20)	22.4	18.3	1.55	21.9	18.1	1.84	20.9	17.6	2.15	20.2	17.3	2.26	19.5	16.9	2.41	18.9	16.5	2.49	**17.8**	16.3	**2.74**	**16.5**	15.7	**2.79**
			60.8(16)	71.6(22)	26.1	20.8	1.58	25.5	20.6	1.87	24.3	20.0	2.18	23.6	19.5	2.30	22.7	19.1	2.44	22.0	18.6	2.52	**20.6**	18.4	**2.77**	**19.1**	17.8	**2.83**
			63(17.2)	76(24.4)	28.5	22.2	1.60	27.9	21.9	1.89	26.6	21.2	2.21	25.8	20.8	2.32	24.8	20.3	2.47	24.0	19.7	2.55	22.7	19.6	2.81	21.0	18.9	2.87
			64.4(18)	77(25)	29.1	22.6	1.60	28.5	22.4	1.90	27.2	21.7	2.21	26.4	21.2	2.33	25.4	20.7	2.48	24.5	20.1	2.56	**23.2**	19.9	**2.81**	**21.5**	19.3	**2.87**
50	1485	874	66.2(19)	80.6(27)	30.5	23.4	1.63	29.8	23.1	1.93	28.4	22.4	2.25	27.6	21.9	2.37	26.6	21.3	2.52	25.7	20.7	2.61	**23.5**	20.1	**2.83**	**21.8**	19.5	**2.89**
			67(19.4)	80(26.67)	31.2	23.2	1.63	30.6	23.0	1.94	29.1	22.2	2.26	28.3	21.7	2.38	27.2	21.2	2.53	26.3	20.6	2.61	24.0	20.1	2.86	22.3	19.4	2.92
			66.2(19)	84.2(29)	31.4	23.8	1.64	30.8	23.5	1.94	29.3	22.8	2.26	28.4	22.3	2.38	27.4	21.7	2.53	26.5	21.1	2.62	**24.1**	20.6	**2.87**	**22.4**	19.9	**2.93**
			71.6(22)	86(30)	33.4	24.8	1.65	32.7	24.5	1.96	31.2	23.6	2.28	30.3	23.1	2.40	29.1	22.5	2.55	28.2	21.8	2.64	**26.5**	21.7	**2.90**	**24.6**	21.0	**2.97**
			75.2(24)	89.6(32)	34.7	25.2	1.67	34.0	24.9	1.98	32.4	24.0	2.31	31.4	23.4	2.44	30.2	22.7	2.59	29.3	22.1	2.68	**27.5**	22.0	**2.94**	**25.5**	21.3	**3.01**
			57.2(14)	68(20)	22.7	18.8	1.57	22.2	18.6	1.86	21.2	18.1	2.17	20.5	17.7	2.29	19.8	17.3	2.43	19.1	16.9	2.52	**18.1**	16.7	**2.77**	**16.7**	16.1	**2.83**
			60.8(16)	71.6(22)	26.5	21.3	1.60	25.9	21.1	1.89	24.7	20.5	2.21	24.0	20.0	2.32	23.1	19.6	2.47	22.3	19.1	2.55	**21.0**	18.9	**2.81**	**19.4**	18.2	**2.87**
			63(17.2)	76(24.4)	29.0	22.7	1.62	28.3	22.5	1.92	27.0	21.8	2.23	26.2	21.3	2.35	25.2	20.8	2.50	24.4	20.2	2.59	23.0	20.0	2.84	21.4	19.4	2.90
			64.4(18)	77(25)	29.6	23.2	1.62	28.9	22.9	1.92	27.6	22.2	2.24	26.8	21.7	2.36	25.8	21.2	2.51	24.9	20.6	2.59	**23.5**	20.4	**2.85**	**21.8**	19.7	**2.91**
37	1650	971	66.2(19)	80.6(27)	30.9	24.0	1.65	30.3	23.7	1.95	28.9	22.9	2.28	28.0	22.4	2.40	27.0	21.8	2.55	26.1	21.3	2.64	**24.2**	20.9	**2.88**	**22.4**	20.1	**2.94**
			67(19.4)	80(26.67)	31.7	23.8	1.65	31.1	23.5	1.96	29.6	22.8	2.29	28.7	22.3	2.41	27.7	21.7	2.56	26.7	21.1	2.65	24.4	20.8	2.90	22.7	20.1	2.96
			66.2(19)	84.2(29)	31.9	24.4	1.66	31.3	24.1	1.96	29.8	23.4	2.29	28.9	22.8	2.41	27.8	22.2	2.56	26.9	21.6	2.65	**24.5**	21.1	**2.90**	**22.7**	20.4	**2.96**
			71.6(22)	86(30)	34.0	25.4	1.67	33.2	25.1	1.98	31.7	24.2	2.31	30.7	23.7	2.43	29.6	23.0	2.59	28.6	22.4	2.67	**26.9**	22.3	**2.94**	**25.0**	21.5	**3.00**
			75.2(24)	89.6(32)	35.2	25.8	1.69	34.5	25.5	2.01	32.9	24.6	2.34	31.9	24.0	2.47	30.7	23.3	2.62	29.7	22.6	2.71	**27.9**	22.6	**2.98**	**25.9**	21.8	**3.04**
			57.2(14)	68(20)	23.1	19.2	1.58	22.6	19.0	1.87	21.5	18.5	2.18	20.9	18.1	2.30	20.1	17.7	2.44	19.4	17.3	2.53	**18.3**	17.1	**2.78**	**17.0**	16.5	**2.84**
			60.8(16)	71.6(22)	26.9	21.8	1.60	26.3	21.6	1.90	25.1	21.0	2.22	24.3	20.5	2.33	23.4	20.0	2.48	22.7	19.5	2.56	**21.3**	19.3	**2.82**	**19.7**	18.6	**2.88**
			63(17.2)	76(24.4)	29.4	23.2	1.62	28.8	23.0	1.92	27.4	22.3	2.24	26.6	21.8	2.36	25.6	21.3	2.51	24.8	20.7	2.60	23.4	20.5	2.85	21.7	19.8	2.91
			64.4(18)	77(25)	30.0	23.7	1.63	29.4	23.5	1.93	28.0	22.7	2.25	27.2	22.2	2.37	26.1	21.7	2.52	25.3	21.1	2.60	**23.9**	20.9	**2.86**	**22.2**	20.2	**2.92**
25	1815	1068	66.2(19)	80.6(27)	31.4	24.5	1.66	30.7	24.2	1.96	29.3	23.5	2.29	28.4	22.9	2.41	27.4	22.4	2.56	26.5	21.8	2.65	**24.2**	21.2	**2.88**	**22.5**	20.4	**2.94**
			67(19.4)	80(26.67)	32.3	24.4	1.66	31.6	24.1	1.97	30.1	23.3	2.30	29.2	22.8	2.42	28.1	22.2	2.57	27.2	21.6	2.66	24.7	21.1	2.90	23.0	20.4	2.97
			66.2(19)	84.2(29)	32.5	25.1	1.66	31.8	24.8	1.97	30.3	24.0	2.30	29.4	23.4	2.42	28.3	22.8	2.57	27.4	22.2	2.66	**24.9**	21.6	**2.91**	**23.1**	20.9	**2.97**
			71.6(22)	86(30)	34.5	26.0	1.68	33.7	25.7	1.99	32.1	24.8	2.32	31.2	24.2	2.44	30.0	23.6	2.60	29.0	22.9	2.68	**27.3**	22.8	**2.95**	**25.3**	22.0	**3.01**
			75.2(24)	89.6(32)	35.8	26.4	1.70	35.0	26.1	2.02	33.4	25.2	2.35	32.4	24.6	2.48	31.2	23.9	2.63	30.1	23.2	2.72	**28.3**	23.1	**2.99**	**26.3**	22.3	**3.05**
			57.2(14)	68(20)	23.5	20.1	1.59	23.0	20.0	1.89	21.9	19.4	2.20	21.3	19.0	2.32	20.5	18.6	2.47	19.8	18.2	2.55	**18.7**	17.9	**2.81**	**17.3**	17.3	**2.87**
			60.8(16)	71.6(22)	27.4	22.9	1.62	26.8	22.6	1.92	25.6	22.0	2.24	24.8	21.5	2.36	23.9	21.0	2.51	23.1	20.5	2.59	**21.7**	20.2	**2.85**	**20.1**	19.6	**2.91**
			63(17.2)	76(24.4)	30.0	24.4	1.64	29.3	24.1	1.94	28.0	23.4	2.26	27.1	22.9	2.39	26.1	22.3	2.54	25.3	21.7	2.62	23.8	21.5	2.88	22.1	20.8	2.94
			64.4(18)	77(25)	30.6	24.9	1.64	30.0	24.6	1.95	28.5	23.8	2.27	27.7	23.3	2.39	26.7	22.7	2.55	25.8	22.1	2.63	**24.4**	21.9	**2.89**	**22.6**	21.2	**2.95**
0	1980	1165	66.2(19)	80.6(27)	32.0	25.7	1.67	31.3	25.4	1.98	29.9	24.6	2.31	29.0	24.1	2.43	27.9	23.4	2.59	27.0	22.8	2.67	**24.8**	22.2	**2.91**	**23.0**	21.5	**2.97**
			67(19.4)	80(26.67)	33.0	25.6	1.68	32.3	25.3	1.99	30.8	24.5	2.32	29.9	23.9	2.44	28.8	23.3	2.60	27.8	22.7	2.68	25.2	22.2	2.93	23.4	21.4	3.00
			66.2(19)	84.2(29)	33.3	26.3	1.68	32.6	26.0	1.99	31.0	25.2	2.32	30.1	24.6	2.45	29.0	23.9	2.60	28.0	23.3	2.69	**25.4**	22.6	**2.94**	**23.5**	21.9	**3.00**
			71.6(22)	86(30)	35.1	27.3	1.69	34.4	26.9	2.01	32.8	26.0	2.34	31.8	25.4	2.46	30.6	24.7	2.62	29.6	24.0	2.71	**27.9**	23.9	**2.98**	**25.8**	23.1	**3.04**
			75.2(24)	89.6(32)	36.5	27.7	1.72	35.7	27.4	2.04	34.0	26.4	2.37	33.0	25.8	2.50	31.8	25.0	2.66	30.7	24.3	2.75	**28.9**	24.2	**3.02**	**26.8**	23.4	**3.08**

30K(M)

ESP	Air Folw Rate	Air Folw Rate	Indoor Air Temperature		Outdoor Air Temperature (°FDB)																							
					68.0			77.0			89.6			95.0			104.0			109.4			115.0			125.0		
	m3/h	CFM	°FWB	°FDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
			57.2(14)	68(20)	21.4	17.2	1.52	20.9	17.0	1.80	19.9	16.6	2.10	19.3	16.2	2.22	18.6	15.9	2.36	18.0	15.5	2.43	**16.9**	15.3	**2.69**	**15.7**	14.8	**2.74**
			60.8(16)	71.6(22)	24.9	19.5	1.55	24.4	19.3	1.83	23.2	18.8	2.14	22.5	18.4	2.25	21.7	17.9	2.39	21.0	17.5	2.47	**19.7**	17.3	**2.72**	**18.2**	16.7	**2.78**
			63(17.2)	76(24.4)	27.2	20.8	1.56	26.6	20.6	1.85	25.4	20.0	2.16	24.6	19.5	2.28	23.7	19.0	2.42	22.9	18.5	2.50	21.6	18.4	2.75	20.0	17.7	2.81
			64.4(18)	77(25)	27.8	21.2	1.57	27.2	21.0	1.86	25.9	20.4	2.17	25.2	19.9	2.28	24.2	19.4	2.43	23.4	18.9	2.51	**22.1**	18.7	**2.76**	**20.5**	18.1	**2.82**
80	1160	682	66.2(19)	80.6(27)	29.1	22.0	1.60	28.5	21.7	1.89	27.1	21.0	2.20	26.3	20.5	2.32	25.4	20.0	2.47	24.5	19.5	2.55	**22.4**	18.9	**2.78**	**20.7**	18.3	**2.84**
			67(19.4)	80(26.67)	29.7	21.8	1.60	29.1	21.6	1.90	27.7	20.9	2.21	26.9	20.4	2.33	26.0	19.9	2.48	25.1	19.4	2.56	22.9	18.9	2.81	21.2	18.3	2.87
			66.2(19)	84.2(29)	29.9	22.4	1.60	29.3	22.1	1.90	27.9	21.4	2.21	27.1	20.9	2.33	26.1	20.3	2.48	25.2	19.4	2.56	**23.0**	19.3	**2.81**	**21.3**	18.7	**2.87**
			71.6(22)	86(30)	31.9	23.3	1.62	31.3	23.0	1.92	29.8	22.2	2.23	28.9	21.7	2.35	27.8	21.1	2.50	26.9	20.5	2.58	**25.3**	20.4	**2.85**	**23.4**	19.7	**2.91**
			75.2(24)	89.6(32)	33.1	23.7	1.64	32.4	23.3	1.94	30.9	22.5	2.27	30.0	22.0	2.39	28.9	21.4	2.54	27.9	20.8	2.62	**26.2**	20.7	**2.89**	**24.3**	20.0	**2.95**
			57.2(14)	68(20)	21.7	17.4	1.54	21.2	17.3	1.83	20.2	16.8	2.13	19.6	16.5	2.24	18.9	16.1	2.39	18.3	15.7	2.47	**17.2**	15.5	**2.71**	**16.0**	15.0	**2.77**
			60.8(16)	71.6(22)	25.3	19.8	1.56	24.7	19.6	1.85	23.6	19.0	2.16	22.9	18.6	2.28	22.0	18.2	2.42	21.3	17.7	2.50	**20.0**	17.5	**2.75**	**18.5**	16.9	**2.81**
			63(17.2)	76(24.4)	27.6	21.1	1.58	27.0	20.9	1.88	25.8	20.2	2.19	25.0	19.8	2.31	24.1	19.3	2.45	23.3	18.8	2.53	22.0	18.6	2.78	20.4	18.0	2.84
			64.4(18)	77(25)	28.2	21.5	1.59	27.6	21.3	1.88	26.3	20.6	2.20	25.5	20.2	2.31	24.6	19.7	2.46	23.8	19.2	2.54	**22.5**	19.0	**2.79**	**20.8**	18.4	**2.85**
50	1320	776	66.2(19)	80.6(27)	29.5	22.3	1.62	28.9	22.0	1.91	27.5	21.3	2.23	26.7	20.8	2.35	25.7	20.3	2.50	24.9	19.8	2.58	**22.7**	19.2	**2.81**	**21.1**	18.5	**2.87**
			67(19.4)	80(26.67)	30.2	22.1	1.62	29.6	21.9	1.92	28.2	21.2	2.24	27.3	20.7	2.36	26.3	20.2	2.51	25.5	19.6	2.59	23.2	19.2	2.84	21.6	18.5	2.90
			66.2(19)	84.2(29)	30.4	22.7	1.62	29.8	22.4	1.92	28.4	21.7	2.24	27.5	21.2	2.36	26.5	20.6	2.51	25.7	20.1	2.59	**23.4**	19.6	**2.84**	**21.7**	18.9	**2.90**
			71.6(22)	86(30)	32.4	23.6	1.64	31.7	23.3	1.94	30.2	22.5	2.26	29.3	22.0	2.38	28.2	21.4	2.53	27.3	20.8	2.62	**25.7**	20.7	**2.88**	**23.8**	20.0	**2.94**
			75.2(24)	89.6(32)	33.6	24.0	1.66	32.9	23.7	1.97	31.4	22.9	2.29	30.4	22.3	2.42	29.3	21.7	2.57	28.3	21.1	2.66	**26.6**	21.0	**2.92**	**24.7**	20.3	**2.98**
			57.2(14)	68(20)	22.4	18.3	1.55	21.9	18.1	1.84	20.9	17.6	2.15	20.24	17.3	2.26	19.5	16.9	2.41	18.9	16.5	2.49	**17.8**	16.3	**2.74**	**16.5**	15.7	**2.79**
			60.8(16)	71.6(22)	26.1	20.8	1.58	25.5	20.6	1.87	24.3	20.0	2.18	23.62	19.5	2.30	22.7	19.1	2.44	22.0	18.6	2.52	**20.6**	18.4	**2.77**	**19.1**	17.8	**2.83**
			63(17.2)	76(24.4)	28.5	22.2	1.60	27.9	21.9	1.89	26.6	21.2	2.21	25.8	20.8	2.32	24.8	20.3	2.47	24.0	19.7	2.55	22.7	19.6	2.81	21.0	18.9	2.87
			64.4(18)	77(25)	29.1	22.6	1.60	28.5	22.4	1.90	27.2	21.7	2.21	26.35	21.2	2.33	25.4	20.7	2.48	24.5	20.1	2.56	**23.2**	19.9	**2.81**	**21.5**	19.3	**2.87**
37	1450	853	66.2(19)	80.6(27)	30.5	23.4	1.63	29.8	23.1	1.93	28.4	22.4	2.25	27.6	21.9	2.37	26.6	21.3	2.52	25.7	20.7	2.61	**23.5**	20.2	**2.83**	**21.8**	19.5	**2.89**
			67(19.4)	80(26.67)	31.3	23.2	1.63	30.6	23.0	1.94	29.2	22.2	2.26	28.3	21.7	2.38	27.3	21.2	2.53	26.4	20.6	2.61	24.0	20.1	2.86	22.3	19.4	2.92
			66.2(19)	84.2(29)	31.5	23.9	1.64	30.8	23.6	1.94	29.4	22.8	2.26	28.49	22.3	2.38	27.4	21.7	2.53	26.5	21.1	2.62	**24.1**	20.6	**2.87**	**22.4**	19.9	**2.93**
			71.6(22)	86(30)	33.4	24.8	1.65	32.7	24.5	1.96	31.2	23.6	2.28	30.27	23.1	2.40	29.1	22.5	2.55	28.2	21.8	2.64	**26.5**	21.7	**2.90**	**24.6**	21.0	**2.97**
			75.2(24)	89.6(32)	34.7	25.2	1.67	34.0	24.9	1.98	32.4	24.0	2.31	31.41	23.4	2.44	30.2	22.7	2.59	29.3	22.1	2.68	**27.5**	22.0	**2.94**	**25.5**	21.3	**3.01**
			57.2(14)	68(20)	22.7	18.8	1.57	22.2	18.6	1.86	21.2	18.1	2.17	20.55	17.7	2.29	19.8	17.3	2.43	19.1	16.9	2.52	**18.1**	16.7	**2.77**	**16.7**	16.1	**2.83**
			60.8(16)	71.6(22)	26.5	21.3	1.60	25.9	21.1	1.89	24.7	20.5	2.21	23.98	20.0	2.32	23.1	19.6	2.47	22.3	19.1	2.55	**21.0**	18.9	**2.81**	**19.4**	18.2	**2.87**
			63(17.2)	76(24.4)	29.0	22.7	1.62	28.3	22.5	1.92	27.0	21.8	2.23	26.2	21.3	2.35	25.2	20.8	2.50	24.4	20.2	2.59	23.0	20.0	2.84	21.4	19.4	2.90
			64.4(18)	77(25)	29.6	23.2	1.62	28.9	22.9	1.92	27.6	22.2	2.24	26.75	21.7	2.36	25.8	21.2	2.51	24.9	20.6	2.59	**23.5**	20.4	**2.85**	**21.8**	19.7	**2.91**
25	1650	971	66.2(19)	80.6(27)	30.9	24.0	1.65	30.3	23.7	1.95	28.9	22.9	2.28	28.0	22.4	2.40	27.0	21.8	2.55	26.1	21.3	2.64	**23.9**	20.7	**2.87**	**22.2**	20.0	**2.93**
			67(19.4)	80(26.67)	31.8	23.8	1.65	31.1	23.5	1.96	29.7	22.8	2.29	28.8	22.3	2.41	27.7	21.7	2.56	26.8	21.1	2.65	24.4	20.6	2.89	22.6	19.9	2.95
			66.2(19)	84.2(29)	32.0	24.5	1.66	31.4	24.2	1.96	29.9	23.4	2.29	28.98	22.9	2.41	27.9	22.3	2.56	27.0	21.7	2.65	**24.5**	21.1	**2.90**	**22.7**	20.4	**2.96**
			71.6(22)	86(30)	34.0	25.4	1.67	33.2	25.1	1.98	31.7	24.2	2.31	30.73	23.7	2.43	29.6	23.0	2.59	28.6	22.4	2.67	**26.9**	22.3	**2.94**	**25.0**	21.5	**3.00**
			75.2(24)	89.6(32)	35.2	25.8	1.69	34.5	25.5	2.01	32.9	24.6	2.34	31.89	24.0	2.47	30.7	23.3	2.62	29.7	22.6	2.71	**27.9**	22.6	**2.98**	**25.9**	21.8	**3.04**
			57.2(14)	68(20)	23.1	19.2	1.58	22.6	19.0	1.87	21.5	18.5	2.18	20.86	18.1	2.30	20.1	17.7	2.44	19.4	17.3	2.53	**18.3**	17.1	**2.78**	**17.0**	16.5	**2.84**
			60.8(16)	71.6(22)	26.9	21.8	1.60	26.3	21.6	1.90	25.1	21.0	2.22	24.34	20.5	2.33	23.4	20.0	2.48	22.7	19.5	2.56	**21.3**	19.3	**2.82**	**19.7**	18.6	**2.88**
			63(17.2)	76(24.4)	29.4	23.2	1.62	28.8	23.0	1.92	27.4	22.3	2.24	26.6	21.8	2.36	25.6	21.3	2.51	24.8	20.7	2.60	23.4	20.5	2.85	21.7	19.8	2.91
			64.4(18)	77(25)	30.0	23.7	1.63	29.4	23.5	1.93	28.0	22.7	2.25	27.16	22.2	2.37	26.1	21.7	2.52	25.3	21.1	2.60	**23.9**	20.9	**2.86**	**22.2**	20.2	**2.92**
0	1815	1068	66.2(19)	80.6(27)	31.4	24.5	1.66	30.7	24.2	1.96	29.3	23.5	2.29	28.4	22.9	2.41	27.4	22.4	2.56	26.5	21.8	2.65	**24.3**	21.2	**2.88**	**22.5**	20.5	**2.94**
			67(19.4)	80(26.67)	32.4	24.4	1.66	31.7	24.1	1.97	30.2	23.3	2.30	29.3	22.8	2.42	28.2	22.2	2.57	27.3	21.6	2.66	24.7	21.1	2.91	23.0	20.4	2.97
			66.2(19)	84.2(29)	32.6	25.1	1.66	31.9	24.8	1.97	30.4	24.0	2.30	29.53	23.5	2.42	28.4	22.8	2.58	27.5	22.2	2.66	**24.9**	21.6	**2.91**	**23.1**	20.9	**2.97**
			71.6(22)	86(30)	34.5	26.0	1.68	33.7	25.7	1.99	32.1	24.8	2.32	31.19	24.2	2.44	30.0	23.6	2.60	29.0	22.9	2.68	**27.3**	22.8	**2.95**	**25.3**	22.0	**3.01**
			75.2(24)	89.6(32)	35.8	26.4	1.70	35.0	26.1	2.02	33.4	25.2	2.35	32.37	24.6	2.48	31.2	23.9	2.63	30.1	23.2	2.72	**28.3**	23.1	**2.99**	**26.3**	22.3	**3.05**

Performance Tables

36K(H)

ESP	Air Folw Rate	Air Folw Rate	Indoor Air Temperature		Outdoor Air Temperature (°FDB)																							
					68.0			77.0			89.6			95.0			104.0			109.4			115.0			125.0		
	m3/h	CFM	°FWB	°FDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
			57.2(14)	68(20)	26.3	21.0	1.83	25.7	20.8	2.16	24.5	20.2	2.52	23.8	19.8	2.66	22.9	19.4	2.83	22.1	18.9	2.92	**21.1**	18.6	**3.24**	**19.6**	18.0	**3.31**
			60.8(16)	71.6(22)	30.7	23.8	1.85	30.0	23.6	2.20	28.6	22.9	2.56	27.8	22.4	2.70	26.7	21.9	2.87	25.8	21.3	2.97	**24.5**	21.1	**3.28**	**22.7**	20.4	**3.35**
			63(17.2)	76(24.4)	33.5	25.4	1.88	32.8	25.1	2.22	31.3	24.3	2.59	30.3	23.8	2.73	29.2	23.2	2.91	28.2	22.6	3.00	26.9	22.4	3.32	25.0	21.6	3.39
100	**1632**	**960**	64.4(18)	77(25)	34.2	25.9	1.88	33.5	25.6	2.23	31.9	24.8	2.60	31.0	24.3	2.74	29.8	23.7	2.91	28.8	23.1	3.01	**27.5**	22.8	**3.33**	**25.5**	22.1	**3.40**
			66.2(19)	80.6(27)	35.8	26.8	1.91	35.1	26.5	2.27	33.4	25.6	2.64	32.4	25.0	2.79	31.2	24.4	2.96	30.2	23.8	3.06	**27.9**	23.1	**3.35**	**25.9**	22.3	**3.42**
			67(19.4)	80(26.67)	36.7	26.6	1.92	35.9	26.3	2.28	34.2	25.5	2.65	33.2	24.9	2.79	31.9	24.3	2.97	30.9	23.6	3.07	28.5	23.0	3.38	26.4	22.2	3.45
			66.2(19)	84.2(29)	36.9	27.3	1.92	36.1	26.9	2.28	34.4	26.1	2.66	33.4	25.5	2.80	32.1	24.8	2.97	31.1	24.1	3.07	**28.7**	23.6	**3.39**	**26.6**	22.8	**3.46**
			71.6(22)	86(30)	39.3	28.4	1.94	38.5	28.0	2.30	36.7	27.1	2.68	35.6	26.4	2.82	34.2	25.7	3.00	33.1	25.0	3.10	**31.5**	24.9	**3.43**	**29.2**	24.0	**3.51**
			75.2(24)	89.6(32)	40.8	28.9	1.97	39.9	28.5	2.33	38.0	27.5	2.72	36.9	26.8	2.86	35.5	26.0	3.05	34.4	25.3	3.15	**32.6**	25.2	**3.48**	**30.3**	24.4	**3.55**
			57.2(14)	68(20)	26.7	21.5	1.85	26.1	21.3	2.19	24.9	20.7	2.56	24.2	20.3	2.69	23.3	19.8	2.86	22.5	19.4	2.96	**21.4**	19.1	**3.28**	**19.9**	18.4	**3.35**
			60.8(16)	71.6(22)	31.1	24.4	1.88	30.5	24.2	2.23	29.1	23.5	2.60	28.2	23.0	2.73	27.1	22.4	2.91	26.2	21.9	3.00	**24.9**	21.6	**3.32**	**23.1**	20.9	**3.39**
			63(17.2)	76(24.4)	34.0	26.0	1.90	33.3	25.7	2.25	31.7	24.9	2.63	30.8	24.4	2.77	29.7	23.8	2.94	28.7	23.2	3.04	27.3	23.0	3.36	25.4	22.2	3.43
80	**1783**	**1049**	64.4(18)	77(25)	34.8	26.5	1.91	34.0	26.3	2.26	32.4	25.4	2.63	31.4	24.9	2.78	30.3	24.3	2.95	29.3	23.6	3.05	**27.9**	23.4	**3.37**	**25.9**	22.6	**3.44**
			66.2(19)	80.6(27)	36.4	27.4	1.94	35.6	27.1	2.30	33.9	26.3	2.68	32.9	25.7	2.82	31.7	25.0	3.00	30.7	24.4	3.10	**28.3**	23.6	**3.39**	**26.2**	22.8	**3.46**
			67(19.4)	80(26.67)	37.2	27.3	1.94	36.4	27.0	2.30	34.7	26.1	2.69	33.7	25.5	2.83	32.4	24.9	3.01	31.4	24.2	3.11	28.9	23.6	3.42	26.8	22.8	3.49
			66.2(19)	84.2(29)	37.4	27.9	1.95	36.6	27.6	2.31	34.9	26.7	2.69	33.9	26.1	2.83	32.6	25.4	3.01	31.5	24.7	3.11	**29.1**	24.2	**3.43**	**27.0**	23.3	**3.50**
			71.6(22)	86(30)	39.9	29.1	1.96	39.1	28.7	2.33	37.2	27.8	2.71	36.1	27.1	2.86	34.8	26.4	3.04	33.6	25.6	3.14	**32.0**	25.5	**3.48**	**29.7**	24.6	**3.55**
			75.2(24)	89.6(32)	41.4	29.6	1.99	40.5	29.2	2.36	38.6	28.2	2.75	37.5	27.5	2.90	36.1	26.7	3.08	34.9	25.9	3.19	**33.1**	25.9	**3.52**	**30.7**	25.0	**3.60**
			57.2(14)	68(20)	27.6	22.6	1.86	27.0	22.4	2.21	25.7	21.7	2.58	24.9	21.3	2.71	24.0	20.8	2.89	23.2	20.3	2.98	**22.1**	20.0	**3.30**	**20.5**	19.4	**3.37**
			60.8(16)	71.6(22)	32.2	25.6	1.89	31.5	25.4	2.24	30.0	24.6	2.62	29.1	24.1	2.76	28.0	23.5	2.93	27.1	22.9	3.03	**25.7**	22.7	**3.35**	**23.8**	21.9	**3.42**
			63(17.2)	76(24.4)	35.1	27.3	1.92	34.4	27.0	2.27	32.8	26.2	2.65	31.8	25.6	2.79	30.6	25.0	2.97	29.6	24.3	3.07	28.2	24.1	3.39	26.2	23.3	3.46
			64.4(18)	77(25)	35.9	27.9	1.92	35.1	27.5	2.28	33.5	26.7	2.66	32.5	26.1	2.80	31.3	25.4	2.98	30.2	24.8	3.07	**28.9**	24.6	**3.40**	**26.8**	23.7	**3.47**
50	**1980**	**1165**	66.2(19)	80.6(27)	37.6	28.8	1.95	36.8	28.5	2.32	35.0	27.6	2.70	34.0	26.9	2.85	32.7	26.2	3.03	31.6	25.6	3.13	**29.2**	24.8	**3.42**	**27.1**	24.0	**3.49**
			67(19.4)	80(26.67)	38.5	28.6	1.96	37.7	28.3	2.32	35.9	27.4	2.71	34.8	26.8	2.85	33.5	26.1	3.04	32.4	25.4	3.14	29.9	24.8	3.45	27.7	23.9	3.52
			66.2(19)	84.2(29)	38.7	29.4	1.96	37.9	29.0	2.33	36.1	28.1	2.71	35.0	27.4	2.86	33.7	26.7	3.04	32.6	26.0	3.14	**30.0**	25.4	**3.46**	**27.9**	24.5	**3.53**
			71.6(22)	86(30)	41.2	30.6	1.98	40.3	30.2	2.35	38.4	29.1	2.74	37.3	28.4	2.88	35.9	27.7	3.07	34.7	26.9	3.17	**33.0**	26.8	**3.50**	**30.6**	25.9	**3.58**
			75.2(24)	89.6(32)	42.8	31.1	2.01	41.9	30.6	2.38	39.9	29.6	2.78	38.7	28.8	2.92	37.3	28.0	3.11	36.0	27.2	3.21	**34.2**	27.1	**3.55**	**31.7**	26.2	**3.63**
			57.2(14)	68(20)	28.0	23.1	1.89	27.4	22.9	2.24	26.1	22.3	2.61	25.3	21.8	2.75	24.4	21.3	2.92	23.6	20.8	3.02	**22.5**	20.5	**3.34**	**20.8**	19.8	**3.41**
			60.8(16)	71.6(22)	32.6	26.2	1.92	32.0	26.0	2.27	30.5	25.2	2.65	29.5	24.7	2.79	28.4	24.1	2.97	27.5	23.5	3.07	**26.1**	23.2	**3.39**	**24.2**	22.4	**3.46**
			63(17.2)	76(24.4)	35.7	28.0	1.94	34.9	27.7	2.30	33.3	26.8	2.68	32.3	26.2	2.82	31.1	25.6	3.00	30.1	24.9	3.10	28.7	24.7	3.43	26.6	23.8	3.50
			64.4(18)	77(25)	36.4	28.5	1.95	35.7	28.2	2.31	34.0	27.4	2.69	33.0	26.7	2.83	31.7	26.1	3.01	30.7	25.4	3.11	**29.3**	25.2	**3.44**	**27.2**	24.3	**3.51**
37	**2250**	**1324**	66.2(19)	80.6(27)	38.1	29.5	1.98	37.3	29.2	2.34	35.6	28.2	2.73	34.5	27.6	2.88	33.2	26.9	3.06	32.1	26.2	3.16	**30.0**	25.7	**3.47**	**27.8**	24.8	**3.55**
			67(19.4)	80(26.67)	39.2	29.3	1.99	38.3	29.0	2.35	36.5	28.1	2.74	35.4	27.4	2.89	34.1	26.7	3.07	33.0	26.0	3.18	30.4	25.6	3.49	28.2	24.7	3.57
			66.2(19)	84.2(29)	39.4	30.1	1.99	38.6	29.8	2.36	36.8	28.8	2.75	35.7	28.1	2.89	34.4	27.4	3.08	33.2	26.7	3.18	**30.5**	26.0	**3.50**	**28.3**	25.1	**3.57**
			71.6(22)	86(30)	41.8	31.3	2.00	41.0	30.9	2.37	39.0	29.9	2.77	37.9	29.1	2.92	36.5	28.3	3.10	35.3	27.6	3.21	**33.5**	27.4	**3.55**	**31.1**	26.5	**3.62**
			75.2(24)	89.6(32)	43.4	31.8	2.03	42.5	31.4	2.41	40.5	30.3	2.81	39.3	29.5	2.96	37.8	28.7	3.15	36.6	27.9	3.25	**34.7**	27.8	**3.59**	**32.2**	26.9	**3.67**
			57.2(14)	68(20)	28.4	23.7	1.89	27.8	23.5	2.25	26.5	22.8	2.62	25.7	22.3	2.76	24.7	21.9	2.93	23.9	21.3	3.03	**22.8**	21.0	**3.36**	**21.2**	20.3	**3.43**
			60.8(16)	71.6(22)	33.1	26.9	1.92	32.4	26.6	2.28	30.9	25.8	2.66	30.0	25.3	2.80	28.9	24.7	2.98	27.9	24.1	3.08	**26.5**	23.8	**3.40**	**24.6**	23.0	**3.48**
			63(17.2)	76(24.4)	36.2	28.6	1.95	35.4	28.3	2.31	33.8	27.5	2.69	32.8	26.9	2.83	31.5	26.2	3.02	30.5	25.5	3.11	29.1	25.3	3.44	27.0	24.4	3.51
			64.4(18)	77(25)	37.0	29.2	1.95	36.2	28.9	2.31	34.5	28.0	2.70	33.5	27.4	2.84	32.2	26.7	3.02	31.2	26.0	3.12	**29.7**	25.8	**3.45**	**27.6**	24.9	**3.52**
0	**2566**	**1509**	66.2(19)	80.6(27)	38.7	30.2	1.99	37.9	29.9	2.35	36.1	28.9	2.74	35.0	28.3	2.89	33.7	27.5	3.08	32.6	26.8	3.18	**30.2**	26.1	**3.48**	**28.0**	25.2	**3.55**
			67(19.4)	80(26.67)	39.9	30.0	1.99	39.1	29.7	2.36	37.2	28.7	2.76	36.1	28.1	2.90	34.8	27.4	3.09	33.6	26.7	3.19	30.8	26.0	3.51	28.6	25.2	3.58
			66.2(19)	84.2(29)	40.2	31.0	2.00	39.4	30.6	2.37	37.5	29.6	2.76	36.4	28.9	2.91	35.0	28.1	3.09	33.9	27.4	3.19	**31.0**	26.6	**3.51**	**28.7**	25.7	**3.59**
			71.6(22)	86(30)	42.5	32.1	2.01	41.6	31.6	2.38	39.6	30.6	2.78	38.4	29.8	2.93	37.0	29.0	3.11	35.8	28.2	3.22	**34.0**	28.1	**3.56**	**31.5**	27.1	**3.64**
			75.2(24)	89.6(32)	44.1	32.6	2.04	43.1	32.1	2.42	41.1	31.0	2.82	39.9	30.3	2.97	38.4	29.4	3.16	37.1	28.6	3.26	**35.2**	28.5	**3.61**	**32.7**	27.5	**3.69**

36K(M)

ESP	Air Folw Rate	Air Folw Rate	Indoor Air Temperature		Outdoor Air Temperature (°FDB)																							
					68.0			77.0			89.6			95.0			104.0			109.4			115.0			125.0		
	m3/h	CFM	°FWB	°FDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
			57.2(14)	68(20)	22.3	17.7	1.57	21.8	17.7	1.85	20.8	17.1	2.17	20.2	16.8	2.28	19.4	16.4	2.43	18.8	16.1	2.51	17.9	15.8	2.77	16.7	15.3	2.83
			60.8(16)	71.6(22)	26.0	20.1	1.60	25.5	20.1	1.89	24.3	19.4	2.21	23.6	19.0	2.31	22.7	18.5	2.47	21.9	18.1	2.54	20.8	17.9	2.81	19.3	17.3	2.87
			63(17.2)	76(24.4)	28.4	21.5	1.62	27.9	21.5	1.91	26.5	20.6	2.23	25.7	20.3	2.34	24.8	19.6	2.50	24.0	19.2	2.57	22.9	19.0	2.84	21.2	18.4	2.91
			64.4(18)	77(25)	29.0	21.9	1.62	28.5	21.9	1.91	27.1	21.0	2.24	26.3	20.7	2.35	25.3	20.0	2.51	24.5	19.6	2.58	23.4	19.4	2.85	21.7	18.8	2.92
100	**1379**	**811**	66.2(19)	80.6(27)	30.4	22.6	1.65	29.8	22.5	1.95	28.3	21.7	2.28	27.5	21.3	2.4	26.5	20.6	2.55	25.7	20.2	2.63	23.7	19.6	2.87	22.0	19.0	2.94
			67(19.4)	80(26.67)	31.1	22.5	1.66	30.5	22.4	1.95	29.0	21.5	2.29	28.2	21.1	2.40	27.1	20.5	2.56	26.3	20.1	2.64	24.2	19.5	2.90	22.5	18.9	2.96
			66.2(19)	84.2(29)	31.3	23.0	1.66	30.6	22.9	1.96	29.2	22.1	2.29	28.3	21.6	2.40	27.2	20.9	2.56	26.4	20.5	2.64	24.3	20.1	2.9	22.6	19.4	2.97
			71.6(22)	86(30)	33.4	24.0	1.67	32.6	23.8	1.97	31.1	22.9	2.31	30.2	22.4	2.42	29.1	21.7	2.59	28.1	21.3	2.66	26.7	21.2	2.94	24.8	20.4	3.01
			75.2(24)	89.6(32)	34.6	24.4	1.69	33.9	24.2	2.00	32.3	23.2	2.34	31.4	22.8	2.46	30.2	22.0	2.62	29.2	21.5	2.69	27.7	21.4	2.98	25.7	20.7	3.04
			57.2(14)	68(20)	23.0	18.5	1.57	22.4	18.3	1.88	21.4	17.8	2.17	20.8	17.5	2.31	20.0	17.1	2.43	19.4	16.7	2.55	18.4	16.4	2.82	17.1	15.8	2.88
			60.8(16)	71.6(22)	26.8	21.0	1.60	26.2	20.8	1.92	25.0	20.2	2.21	24.3	19.8	2.35	23.3	19.3	2.47	22.5	18.8	2.58	21.4	18.6	2.86	19.9	18.0	2.92
			63(17.2)	76(24.4)	29.3	22.4	1.62	28.6	22.2	1.94	27.3	21.5	2.23	26.5	21.0	2.38	25.5	20.5	2.50	24.7	19.9	2.61	23.5	19.7	2.89	21.8	19.1	2.95
			64.4(18)	77(25)	29.9	22.8	1.62	29.2	22.6	1.94	27.9	21.9	2.24	27.0	21.4	2.39	26.0	20.9	2.51	25.2	20.3	2.62	24.0	20.1	2.90	22.3	19.4	2.96
80	**1543**	**908**	66.2(19)	80.6(27)	31.3	23.6	1.65	30.6	23.3	1.98	29.2	22.6	2.28	28.3	22.1	2.4	27.2	21.5	2.55	26.4	21.0	2.67	24.3	20.3	2.92	22.6	19.6	2.98
			67(19.4)	80(26.67)	32.1	23.4	1.65	31.3	23.2	1.98	29.9	22.4	2.29	29.0	22.0	2.44	27.9	21.4	2.56	27.0	20.8	2.68	24.9	20.3	2.94	23.1	19.6	3.00
			66.2(19)	84.2(29)	32.3	24.1	1.66	31.5	23.7	1.99	30.1	23.0	2.29	29.1	22.5	2.44	28.1	21.9	2.56	27.2	21.3	2.68	25.0	20.8	3.0	23.2	20.0	3.01
			71.6(22)	86(30)	34.3	25.0	1.67	33.6	24.7	2.00	32.0	23.9	2.31	31.1	23.3	2.46	29.9	22.7	2.59	28.9	22.0	2.70	27.5	21.9	2.99	25.5	21.2	3.05
			75.2(24)	89.6(32)	35.6	25.4	1.69	34.8	25.1	2.03	33.2	24.2	2.34	32.3	23.7	2.49	31.0	23.0	2.62	30.0	22.3	2.74	28.5	22.3	3.03	26.4	21.5	3.10
			57.2(14)	68(20)	24.2	19.6	1.64	23.7	19.6	1.94	22.5	18.9	2.26	21.8	18.7	2.37	21.1	18.2	2.54	20.3	17.8	2.61	19.4	17.5	2.89	18.0	17.0	2.95
			60.8(16)	71.6(22)	28.2	22.3	1.66	27.6	22.3	1.96	26.3	21.4	2.30	25.5	21.1	2.42	24.6	20.6	2.58	23.7	20.1	2.65	22.5	19.9	2.93	20.9	19.2	3.00
			63(17.2)	76(24.4)	30.8	23.8	1.68	30.1	23.7	1.99	28.7	22.8	2.33	27.9	22.4	2.44	26.8	21.8	2.61	25.9	21.3	2.68	24.8	21.1	2.97	23.0	20.4	3.03
			64.4(18)	77(25)	31.5	24.3	1.69	30.7	24.1	2.00	29.4	23.2	2.33	28.5	22.9	2.45	27.4	22.2	2.61	26.5	21.7	2.69	25.3	21.6	2.98	23.5	20.8	3.04
50	**1742**	**1025**	66.2(19)	80.6(27)	32.9	25.1	1.72	32.2	25.0	2.03	30.7	24.0	2.37	29.8	23.6	2.5	28.7	22.9	2.66	27.7	22.4	2.74	25.6	21.8	3.00	23.8	21.0	3.06
			67(19.4)	80(26.67)	33.8	24.9	1.72	33.0	24.8	2.04	31.6	23.9	2.38	30.5	23.4	2.51	29.5	22.8	2.67	28.4	22.3	2.75	26.1	21.7	3.02	24.3	20.9	3.08
			66.2(19)	84.2(29)	34.1	25.6	1.72	33.2	25.5	2.04	31.8	24.5	2.38	30.7	24.0	2.51	29.7	23.4	2.67	28.6	22.8	2.75	26.3	22.1	3.0	24.4	21.5	3.09
			71.6(22)	86(30)	36.1	26.6	1.74	35.3	26.5	2.06	33.7	25.4	2.40	32.7	24.9	2.52	31.5	24.2	2.69	30.4	23.6	2.78	28.9	23.5	3.07	26.8	22.7	3.14
			75.2(24)	89.6(32)	37.5	27.0	1.76	36.7	26.8	2.08	35.0	25.7	2.44	33.9	25.2	2.56	32.7	24.5	2.73	31.5	23.8	2.81	30.0	23.7	3.11	27.8	23.0	3.18
			57.2(14)	68(20)	27.1	22.0	1.83	26.6	21.8	2.20	25.3	21.2	2.54	24.5	20.8	2.70	23.6	20.4	2.84	22.9	19.9	2.97	21.8	19.6	3.29	20.2	18.9	3.36
			60.8(16)	71.6(22)	31.6	25.0	1.86	31.0	24.8	2.23	29.5	24.0	2.57	28.6	23.5	2.74	27.5	23.0	2.88	26.7	22.4	3.02	25.3	22.1	3.34	23.5	21.4	3.41
			63(17.2)	76(24.4)	34.5	26.6	1.89	33.9	26.4	2.26	32.2	25.5	2.61	31.3	25.0	2.78	30.1	24.5	2.92	29.1	23.8	3.05	27.8	23.5	3.37	25.8	22.7	3.44
			64.4(18)	77(25)	35.3	27.2	1.89	34.6	26.9	2.27	32.9	26.1	2.61	32.0	25.5	2.79	30.7	24.9	2.93	29.8	24.2	3.06	28.4	24.0	3.38	26.3	23.2	3.45
37	**1900**	**1118**	66.2(19)	80.6(27)	36.9	28.1	1.92	36.2	27.8	2.31	34.4	26.9	2.66	33.4	26.3	2.8	32.2	25.7	2.98	31.2	25.0	3.11	28.8	24.2	3.40	26.7	23.4	3.47
			67(19.4)	80(26.67)	38.0	27.9	1.93	37.1	27.6	2.31	35.4	26.7	2.67	34.3	26.1	2.84	33.1	25.6	2.99	31.9	24.8	3.12	29.4	24.2	3.44	27.3	23.4	3.51
			66.2(19)	84.2(29)	38.3	28.8	1.93	37.3	28.3	2.32	35.7	27.5	2.67	34.5	26.8	2.85	33.3	26.2	2.99	32.1	25.4	3.13	29.6	24.8	3.4	27.4	23.9	3.52
			71.6(22)	86(30)	40.5	29.8	1.95	39.7	29.4	2.34	37.8	28.4	2.69	36.7	27.8	2.87	35.3	27.1	3.02	34.2	26.3	3.15	32.5	26.1	3.49	30.1	25.2	3.56
			75.2(24)	89.6(32)	42.0	30.3	1.98	41.2	29.9	2.37	39.2	28.8	2.73	38.1	28.2	2.91	36.6	27.4	3.06	35.5	26.6	3.20	33.7	26.5	3.54	31.2	25.6	3.61
			57.2(14)	68(20)	27.6	22.6	1.86	27.0	22.4	2.21	25.7	21.7	2.58	24.9	21.3	2.71	24.0	20.8	2.89	23.2	20.3	2.98	22.1	20.0	3.30	20.5	19.4	3.37
			60.8(16)	71.6(22)	32.2	25.6	1.89	31.5	25.4	2.24	30.0	24.6	2.62	29.1	24.1	2.76	28.0	23.5	2.93	27.1	22.9	3.03	25.7	22.7	3.35	23.8	21.9	3.42
			63(17.2)	76(24.4)	35.1	27.3	1.92	34.4	27.0	2.27	32.8	26.2	2.65	31.8	25.6	2.79	30.6	25.0	2.97	29.6	24.3	3.07	28.2	24.1	3.39	26.2	23.3	3.46
			64.4(18)	77(25)	35.9	27.9	1.92	35.1	27.5	2.28	33.5	26.7	2.66	32.5	26.1	2.80	31.3	25.4	2.98	30.2	24.8	3.07	28.9	24.6	3.40	26.8	23.7	3.47
0	**1968**	**1158**	66.2(19)	80.6(27)	37.6	28.8	1.95	36.8	28.5	2.32	35.0	27.6	2.70	34.0	26.9	2.8	32.7	26.2	3.03	31.6	25.6	3.13	29.2	24.8	3.42	27.1	24.0	3.49
			67(19.4)	80(26.67)	38.5	28.6	1.96	37.7	28.3	2.32	35.9	27.4	2.71	34.8	26.8	2.85	33.5	26.1	3.04	32.4	25.4	3.14	29.9	24.8	3.45	27.7	23.9	3.52
			66.2(19)	84.2(29)	38.7	29.4	1.96	37.9	29.0	2.33	36.1	28.1	2.71	35.0	27.4	2.86	33.7	26.7	3.04	32.6	26.0	3.14	30.0	25.4	3.46	27.9	24.5	3.53
			71.6(22)	86(30)	41.2	30.6	1.98	40.3	30.2	2.35	38.4	29.1	2.74	37.3	28.4	2.88	35.9	27.7	3.07	34.7	26.9	3.17	33.0	26.8	3.50	30.6	25.9	3.58
			75.2(24)	89.6(32)	42.8	31.1	2.01	41.9	30.6	2.38	39.9	29.6	2.78	38.7	28.8	2.92	37.3	28.0	3.11	36.0	27.2	3.21	34.2	27.1	3.55	31.7	26.2	3.63

Performance Tables

48K(H)																													
ESP	Air Folw Rate	Air Folw Rate	Indoor Air Temperature		Outdoor Air Temperature (°FDB)																								
					68.0			77.0			89.6			95.0			104.0			109.4			115.0			125.0		
	m3/h	CFM	°FWB	°FDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
150	1803	1061	57.2(14)	68(20)	35.4	27.8	2.52	34.7	27.6	2.98	33.1	26.8	3.48	32.1	26.3	3.66	30.9	25.7	3.90	29.9	25.1	4.03	**28.2**	24.7	**4.40**	**26.1**	23.9	**4.49**
			60.8(16)	71.6(22)	41.3	31.6	2.56	40.5	31.3	3.03	38.6	30.4	3.53	37.4	29.7	3.72	36.0	29.0	3.96	34.8	28.3	4.09	**32.7**	28.0	**4.46**	**30.3**	27.0	**4.56**
			63(17.2)	76(24.4)	45.2	33.7	2.59	44.2	33.3	3.07	42.1	32.3	3.58	40.9	31.6	3.77	39.4	30.8	4.01	38.1	30.0	4.14	35.9	29.7	4.51	33.3	28.7	4.61
			64.4(18)	77(25)	46.1	34.4	2.59	45.2	34.0	3.08	43.0	32.9	3.59	41.7	32.2	3.78	40.2	31.4	4.02	38.9	30.6	4.15	**36.7**	30.3	**4.52**	**34.1**	29.3	**4.62**
			66.2(19)	80.6(27)	48.3	35.5	2.64	47.3	35.1	3.13	45.0	34.0	3.65	43.7	33.2	3.84	42.1	32.4	4.09	40.7	31.5	4.22	**37.2**	30.6	**4.55**	**34.5**	29.5	**4.64**
			67(19.4)	80(26.67)	49.4	35.3	2.65	48.4	34.9	3.14	46.1	33.8	3.66	44.7	33.0	3.85	43.1	32.2	4.10	41.6	31.3	4.23	38.0	30.5	4.59	35.3	29.5	4.69
			66.2(19)	84.2(29)	49.7	36.2	2.65	48.6	35.7	3.14	46.4	34.6	3.66	45.0	33.8	3.86	43.3	32.9	4.10	41.9	32.0	4.24	**38.3**	31.3	**4.61**	**35.5**	30.2	**4.70**
			71.6(22)	86(30)	53.0	37.7	2.67	51.9	37.2	3.17	49.4	35.9	3.69	48.0	35.1	3.89	46.2	34.1	4.14	44.7	33.2	4.28	**42.0**	33.0	**4.67**	**39.0**	31.9	**4.77**
			75.2(24)	89.6(32)	55.0	38.3	2.71	53.8	37.8	3.21	51.3	36.5	3.75	49.8	35.6	3.95	47.9	34.6	4.20	46.3	33.6	4.34	**43.5**	33.5	**4.73**	**40.4**	32.3	**4.83**
100	2254	1326	57.2(14)	68(20)	37.1	29.9	2.57	36.4	29.6	3.04	34.6	28.8	3.55	33.6	28.2	3.74	32.4	27.6	3.98	31.3	27.0	4.11	**29.5**	26.6	**4.49**	**27.4**	25.7	**4.59**
			60.8(16)	71.6(22)	43.3	34.0	2.61	42.4	33.6	3.09	40.4	32.6	3.60	39.2	31.9	3.80	37.8	31.2	4.04	36.5	30.4	4.17	**34.3**	30.1	**4.56**	**31.8**	29.0	**4.65**
			63(17.2)	76(24.4)	47.4	36.2	2.64	46.3	35.8	3.13	44.2	34.7	3.65	42.8	33.9	3.84	41.3	33.1	4.09	39.9	32.3	4.22	37.6	31.9	4.61	34.9	30.9	4.70
			64.4(18)	77(25)	48.4	36.9	2.65	47.3	36.5	3.14	45.1	35.4	3.66	43.8	34.6	3.85	42.1	33.7	4.10	40.7	32.9	4.24	**38.5**	32.6	**4.62**	**35.7**	31.5	**4.72**
			66.2(19)	80.6(27)	50.6	38.2	2.69	49.5	37.7	3.19	47.2	36.5	3.72	45.8	35.7	3.92	44.1	34.8	4.17	42.6	33.9	4.31	**39.0**	32.9	**4.64**	**36.1**	31.8	**4.74**
			67(19.4)	80(26.67)	51.8	37.9	2.70	50.7	37.5	3.20	48.3	36.3	3.73	46.9	35.5	3.93	45.1	34.6	4.18	43.6	33.7	4.32	39.8	32.8	4.69	37.0	31.7	4.79
			66.2(19)	84.2(29)	52.1	38.9	2.70	51.0	38.4	3.20	48.6	37.2	3.74	47.1	36.3	3.94	45.4	35.4	4.19	43.9	34.4	4.32	**40.1**	33.6	**4.70**	**37.2**	32.5	**4.80**
			71.6(22)	86(30)	55.5	40.5	2.73	54.4	40.0	3.23	51.8	38.6	3.77	50.3	37.7	3.97	48.4	36.7	4.22	46.8	35.7	4.36	**44.0**	35.5	**4.77**	**40.8**	34.3	**4.87**
			75.2(24)	89.6(32)	57.6	41.2	2.77	56.4	40.6	3.28	53.8	39.2	3.82	52.2	38.2	4.03	50.2	37.1	4.28	48.6	36.1	4.43	**45.6**	36.0	**4.83**	**42.3**	34.8	**4.93**
80	2429	1429	57.2(14)	68(20)	38.3	31.4	2.59	37.5	31.1	3.07	35.8	30.3	3.58	34.7	29.6	3.77	33.4	29.0	4.01	32.3	28.3	4.14	**30.5**	27.9	**4.53**	**28.3**	26.9	**4.63**
			60.8(16)	71.6(22)	44.7	35.6	2.63	43.8	35.3	3.12	41.7	34.3	3.63	40.5	33.5	3.83	39.0	32.7	4.07	37.7	31.9	4.21	**35.4**	31.5	**4.59**	**32.8**	30.5	**4.69**
			63(17.2)	76(24.4)	48.9	38.0	2.66	47.9	37.6	3.15	45.6	36.4	3.68	44.2	35.6	3.87	42.6	34.7	4.12	41.2	33.9	4.26	38.9	33.5	4.64	36.1	32.4	4.74
			64.4(18)	77(25)	49.9	38.8	2.67	48.9	38.3	3.16	46.6	37.1	3.69	45.2	36.3	3.89	43.5	35.4	4.13	42.1	34.5	4.27	**39.7**	34.2	**4.66**	**36.9**	33.0	**4.76**
			66.2(19)	80.6(27)	52.3	40.1	2.71	51.1	39.6	3.22	48.7	38.4	3.75	47.3	37.5	3.95	45.5	36.5	4.20	44.0	35.6	4.34	**40.3**	34.6	**4.69**	**37.4**	33.4	**4.79**
			67(19.4)	80(26.67)	53.7	39.8	2.72	52.5	39.4	3.23	50.1	38.1	3.77	48.6	37.2	3.97	46.8	36.3	4.22	45.2	35.4	4.36	41.2	34.5	4.73	38.2	33.3	4.83
			66.2(19)	84.2(29)	54.0	40.9	2.73	52.9	40.4	3.23	50.4	39.1	3.77	48.9	38.2	3.97	47.1	37.2	4.22	45.5	36.2	4.36	**41.4**	35.3	**4.74**	**38.4**	34.1	**4.84**
			71.6(22)	86(30)	57.3	42.5	2.75	56.1	42.0	3.26	53.5	40.5	3.80	51.9	39.6	4.00	50.0	38.5	4.26	48.3	37.4	4.40	**45.5**	37.2	**4.81**	**42.2**	36.0	**4.91**
			75.2(24)	89.6(32)	59.5	43.2	2.79	58.2	42.6	3.31	55.5	41.1	3.85	53.8	40.1	4.06	51.8	39.0	4.32	50.1	37.9	4.46	**47.1**	37.8	**4.87**	**43.7**	36.5	**4.97**
50	2600	1529	57.2(14)	68(20)	38.9	32.2	2.62	38.1	31.9	3.11	36.3	31.0	3.62	35.2	30.4	3.82	33.9	29.7	4.06	32.8	29.0	4.19	**30.9**	28.6	**4.58**	**28.7**	27.6	**4.68**
			60.8(16)	71.6(22)	45.4	36.5	2.66	44.5	36.1	3.15	42.4	35.1	3.68	41.1	34.3	3.87	39.6	33.5	4.12	38.3	32.7	4.26	**35.9**	32.3	**4.65**	**33.3**	31.2	**4.75**
			63(17.2)	76(24.4)	49.6	38.9	2.69	48.6	38.5	3.19	46.3	37.3	3.72	44.9	36.5	3.92	43.2	35.6	4.17	41.8	34.7	4.31	39.5	34.3	4.70	36.6	33.2	4.80
			64.4(18)	77(25)	50.7	39.7	2.70	49.6	39.3	3.20	47.3	38.1	3.73	45.9	37.2	3.93	44.2	36.3	4.18	42.7	35.3	4.32	**40.3**	35.0	**4.71**	**37.4**	33.8	**4.81**
			66.2(19)	80.6(27)	53.0	41.1	2.75	51.9	40.6	3.26	49.5	39.3	3.80	48.0	38.4	4.00	46.2	37.4	4.25	44.7	36.4	4.40	**41.5**	35.8	**4.77**	**38.5**	34.6	**4.88**
			67(19.4)	80(26.67)	54.7	40.8	2.76	53.5	40.3	3.27	51.0	39.1	3.81	49.5	38.2	4.02	47.7	37.2	4.27	46.1	36.2	4.41	41.9	35.6	4.79	38.9	34.4	4.90
			66.2(19)	84.2(29)	55.1	42.1	2.76	53.9	41.5	3.27	51.4	40.2	3.82	49.9	39.3	4.02	48.0	38.2	4.28	46.4	37.2	4.42	**42.0**	36.1	**4.80**	**39.0**	34.9	**4.90**
			71.6(22)	86(30)	58.2	43.5	2.78	57.0	43.0	3.30	54.3	41.5	3.85	52.7	40.5	4.05	50.7	39.4	4.31	49.1	38.4	4.45	**46.1**	38.2	**4.86**	**42.8**	36.9	**4.97**
			75.2(24)	89.6(32)	60.4	44.3	2.82	59.1	43.7	3.35	56.4	42.1	3.90	54.7	41.1	4.11	52.6	39.9	4.37	50.9	38.8	4.52	**47.8**	38.7	**4.93**	**44.3**	37.4	**5.03**
0	2950	1735	57.2(14)	68(20)	39.5	32.9	2.63	38.7	32.6	3.12	36.9	31.7	3.64	35.8	31.1	3.83	34.4	30.4	4.07	33.3	29.7	4.21	**31.4**	29.3	**4.60**	**29.1**	28.3	**4.70**
			60.8(16)	71.6(22)	46.1	37.4	2.67	45.1	37.0	3.17	43.0	35.9	3.69	41.7	35.2	3.89	40.2	34.3	4.14	38.9	33.5	4.27	**36.5**	33.1	**4.67**	**33.8**	32.0	**4.77**
			63(17.2)	76(24.4)	50.4	39.8	2.70	49.3	39.4	3.21	47.0	38.2	3.74	45.6	37.4	3.94	43.9	36.4	4.19	42.5	35.5	4.33	40.0	35.2	4.72	37.1	34.0	4.82
			64.4(18)	77(25)	51.4	40.7	2.71	50.4	40.2	3.22	48.0	39.0	3.75	46.6	38.1	3.95	44.8	37.1	4.20	43.4	36.2	4.34	**40.9**	35.9	**4.73**	**38.0**	34.6	**4.83**
			66.2(19)	80.6(27)	53.8	42.0	2.76	52.7	41.6	3.27	50.2	40.2	3.81	48.7	39.3	4.02	46.9	38.3	4.27	45.4	37.3	4.41	**41.7**	36.4	**4.77**	**38.7**	35.1	**4.87**
			67(19.4)	80(26.67)	55.7	41.8	2.77	54.5	41.3	3.28	52.0	40.0	3.83	50.4	39.1	4.03	48.6	38.1	4.29	47.0	37.1	4.43	42.4	36.3	4.81	39.4	35.0	4.91
			66.2(19)	84.2(29)	56.2	43.2	2.77	55.0	42.7	3.29	52.4	41.3	3.83	50.9	40.3	4.04	49.0	39.2	4.30	47.4	38.2	4.44	**42.6**	37.0	**4.82**	**39.5**	35.7	**4.92**
			71.6(22)	86(30)	59.1	44.6	2.79	57.8	44.0	3.31	55.1	42.5	3.86	53.5	41.5	4.07	51.5	40.4	4.33	49.8	39.3	4.47	**46.8**	39.1	**4.88**	**43.4**	37.7	**4.99**
			75.2(24)	89.6(32)	61.3	45.3	2.83	60.0	44.7	3.36	57.2	43.1	3.92	55.5	42.1	4.13	53.4	40.9	4.39	51.7	39.7	4.53	**48.5**	39.6	**4.95**	**45.0**	38.3	**5.05**

48K(M)																													
BSP	Air Folw Rate	Air Folw Rate	Indoor Air Temperature		Outdoor Air Temperature (°FDB)																								
					68.0			77.0			89.6			95.0			104.0			109.4			115.0			125.0		
	m3/h	CFM	°FWB	°FDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
150	1450	853	57.2(14)	68(20)	33.8	25.8	2.47	33.1	25.6	2.92	31.5	24.9	3.41	30.6	24.4	3.59	29.5	23.9	3.82	28.5	23.3	3.94	**26.9**	23.0	**4.31**	**25.0**	22.2	**4.41**
			60.8(16)	71.6(22)	39.5	29.3	2.50	38.6	29.0	2.97	36.8	28.2	3.46	35.7	27.6	3.65	34.4	26.9	3.88	33.2	26.3	4.01	**31.2**	26.0	**4.38**	**29.0**	25.1	**4.47**
			63(17.2)	76(24.4)	43.1	31.3	2.53	42.2	30.9	3.00	40.2	30.0	3.50	39.0	29.3	3.69	37.6	28.6	3.92	36.3	27.9	4.05	34.3	27.6	4.42	31.8	26.6	4.52
			64.4(18)	77(25)	44.0	31.9	2.54	43.1	31.5	3.01	41.1	30.6	3.51	39.8	29.9	3.70	38.4	29.1	3.94	37.1	28.4	4.07	**35.1**	28.1	**4.44**	**32.6**	27.2	**4.53**
			66.2(19)	80.6(27)	46.1	33.0	2.58	45.1	32.6	3.06	43.0	31.6	3.57	41.7	30.8	3.76	40.1	30.1	4.00	38.8	29.3	4.13	**35.5**	28.4	**4.46**	**33.0**	27.4	**4.56**
			67(19.4)	80(26.67)	47.2	32.8	2.59	46.2	32.4	3.07	44.0	31.4	3.58	42.7	30.7	3.77	41.1	29.9	4.02	39.7	29.1	4.15	36.3	28.3	4.51	33.7	27.4	4.60
			66.2(19)	84.2(29)	47.4	33.6	2.59	46.4	33.2	3.08	44.2	32.1	3.59	42.9	31.4	3.78	41.3	30.5	4.02	40.0	29.7	4.15	**36.5**	29.0	**4.52**	**33.9**	28.0	**4.61**
			71.6(22)	86(30)	50.6	35.0	2.62	49.5	34.5	3.10	47.2	33.4	3.62	45.8	32.6	3.81	44.1	31.7	4.05	42.6	30.8	4.19	**40.1**	30.7	**4.58**	**37.2**	29.6	**4.68**
			75.2(24)	89.6(32)	52.5	35.6	2.66	51.4	35.1	3.15	48.9	33.8	3.67	47.5	33.0	3.87	45.7	32.1	4.11	44.2	31.2	4.25	**41.6**	31.1	**4.64**	**38.6**	30.0	**4.74**
100	1840	1082	57.2(14)	68(20)	35.4	27.8	2.52	34.7	27.6	2.98	33.1	26.8	3.48	32.1	26.3	3.66	30.9	25.7	3.90	29.9	25.1	4.03	**28.2**	24.7	**4.40**	**26.1**	23.9	**4.49**
			60.8(16)	71.6(22)	41.3	31.6	2.56	40.5	31.3	3.03	38.6	30.4	3.53	37.4	29.7	3.72	36.0	29.0	3.96	34.8	28.3	4.09	**32.7**	28.0	**4.46**	**30.3**	27.0	**4.56**
			63(17.2)	76(24.4)	45.2	33.7	2.59	44.2	33.3	3.07	42.1	32.3	3.58	40.9	31.6	3.77	39.4	30.8	4.01	38.1	30.0	4.14	35.9	29.7	4.51	33.3	28.7	4.61
			64.4(18)	77(25)	46.1	34.4	2.59	45.2	34.0	3.08	43.0	32.9	3.59	41.7	32.2	3.78	40.2	31.4	4.02	38.9	30.6	4.15	**36.7**	30.3	**4.52**	**34.1**	29.3	**4.62**
			66.2(19)	80.6(27)	48.3	35.5	2.64	47.3	35.1	3.13	45.0	34.0	3.65	43.7	33.2	3.84	42.1	32.4	4.09	40.7	31.5	4.22	**37.2**	30.6	**4.55**	**34.5**	29.5	**4.64**
			67(19.4)	80(26.67)	49.4	35.3	2.65	48.4	34.9	3.14	46.1	33.8	3.66	44.7	33.0	3.85	43.1	32.2	4.10	41.6	31.3	4.23	38.0	30.3	4.59	35.2	29.3	4.69
			66.2(19)	84.2(29)	49.7	36.2	2.65	48.6	35.7	3.14	46.4	34.6	3.66	45.0	33.8	3.86	43.3	32.9	4.10	41.9	32.0	4.24	**38.3**	31.3	**4.61**	**35.5**	30.2	**4.70**
			71.6(22)	86(30)	53.0	37.7	2.67	51.9	37.2	3.17	49.4	35.9	3.69	48.0	35.1	3.89	46.2	34.1	4.14	44.7	33.2	4.28	**42.0**	33.0	**4.67**	**39.0**	31.9	**4.77**
			75.2(24)	89.6(32)	55.0	38.3	2.71	53.8	37.8	3.21	51.3	36.5	3.75	49.8	35.6	3.95	47.9	34.6	4.20	46.3	33.6	4.34	**43.5**	33.5	**4.73**	**40.4**	32.3	**4.83**
80	2080	1224	57.2(14)	68(20)	36.6	29.2	2.54	35.8	28.9	3.01	34.1	28.1	3.51	33.1	27.6	3.69	31.9	27.0	3.93	30.8	26.3	4.06	**29.1**	25.9	**4.43**	**27.0**	25.1	**4.53**
			60.8(16)	71.6(22)	42.7	33.2	2.58	41.8	32.8	3.05	39.8	31.9	3.56	38.6	31.2	3.75	37.2	30.4	3.99	36.0	29.7	4.12	**33.8**	29.3	**4.50**	**31.3**	28.3	**4.59**
			63(17.2)	76(24.4)	46.6	35.3	2.61	45.7	35.0	3.09	43.5	33.9	3.60	42.2	33.1	3.80	40.6	32.3	4.04	39.3	31.5	4.17	37.1	31.2	4.55	34.4	30.1	4.64
			64.4(18)	77(25)	47.6	36.1	2.62	46.6	35.7	3.10	44.4	34.6	3.62	43.1	33.8	3.81	41.5	32.9	4.05	40.1	32.1	4.18	**37.9**	31.8	**4.56**	**35.2**	30.7	**4.66**
			66.2(19)	80.6(27)	49.9	37.3	2.66	48.8	36.8	3.15	46.5	35.7	3.68	45.1	34.9	3.87	43.4	34.0	4.12	42.0	33.1	4.26	**38.4**	32.1	**4.59**	**35.7**	31.0	**4.68**
			67(19.4)	80(26.67)	51.2	37.0	2.67	50.1	36.6	3.16	47.8	35.5	3.69	46.3	34.7	3.89	44.6	33.8	4.13	43.2	32.9	4.27	39.3	32.1	4.63	36.4	31.0	4.73
			66.2(19)	84.2(29)	51.6	38.1	2.67	50.5	37.6	3.17	48.1	36.4	3.69	46.7	35.5	3.89	44.9	34.6	4.14	43.4	33.7	4.27	**39.5**	32.8	**4.64**	**36.6**	31.7	**4.74**
			71.6(22)	86(30)	54.7	39.5	2.69	53.6	39.0	3.19	51.0	37.7	3.72	49.5	36.8	3.92	47.7	35.8	4.17	46.1	34.8	4.31	**43.4**	34.7	**4.71**	**40.3**	33.5	**4.81**
			75.2(24)	89.6(32)	56.8	40.2	2.73	55.6	39.6	3.24	53.0	38.3	3.78	51.4	37.3	3.98	49.5	36.3	4.23	47.9	35.2	4.37	**45.0**	35.1	**4.77**	**41.7**	33.9	**4.87**
50	2300	1353	57.2(14)	68(20)	37.1	29.9	2.57	36.4	29.6	3.04	34.6	28.8	3.55	33.6	28.2	3.74	32.4	27.6	3.98	31.3	27.0	4.11	**29.5**	26.6	**4.49**	**27.4**	25.7	**4.59**
			60.8(16)	71.6(22)	43.3	34.0	2.61	42.4	33.6	3.09	40.4	32.6	3.60	39.2	31.9	3.80	37.8	31.2	4.04	36.5	30.4	4.17	**34.3**	30.1	**4.56**	**31.8**	29.0	**4.65**
			63(17.2)	76(24.4)	47.4	36.2	2.64	46.3	35.8	3.13	44.2	34.7	3.65	42.8	33.9	3.84	41.3	33.1	4.09	39.9	32.3	4.22	37.6	31.9	4.61	34.9	30.9	4.70
			64.4(18)	77(25)	48.4	36.9	2.65	47.3	36.5	3.14	45.1	35.4	3.66	43.8	34.6	3.85	42.1	33.7	4.10	40.7	32.9	4.24	**38.5**	32.6	**4.62**	**35.7**	31.5	**4.72**
			66.2(19)	80.6(27)	50.6	38.2	2.69	49.5	37.7	3.19	47.2	36.5	3.72	45.8	35.7	3.92	44.1	34.8	4.17	42.6	33.9	4.31	**39.0**	32.9	**4.65**	**36.2**	31.8	**4.75**
			67(19.4)	80(26.67)	52.2	37.9	2.70	51.1	37.5	3.20	48.7	36.3	3.74	47.2	35.5	3.94	45.5	34.6	4.19	44.0	33.7	4.32	39.9	32.9	4.69	37.0	31.7	4.79
			66.2(19)	84.2(29)	52.6	39.1	2.71	51.5	38.6	3.21	49.0	37.4	3.74	47.6	36.5	3.94	45.8	35.5	4.19	44.3	34.6	4.33	**40.1**	33.6	**4.70**	**37.2**	32.5	**4.80**
			71.6(22)	86(30)	55.5	40.5	2.73	54.4	40.0	3.23	51.8	38.6	3.77	50.3	37.7	3.97	48.4	36.7	4.22	46.8	35.7	4.36	**44.0**	35.5	**4.77**	**40.8**	34.3	**4.87**
			75.2(24)	89.6(32)	57.6	41.2	2.77	56.4	40.6	3.28	53.8	39.2	3.82	52.2	38.2	4.03	50.2	37.1	4.28	48.6	36.1	4.43	**45.6**	36.0	**4.83**	**42.3**	34.8	**4.93**
0	2500	1471	57.2(14)	68(20)	37.7	30.6	2.58	36.9	30.4	3.06	35.2	29.5	3.56	34.1	28.9	3.75	32.8	28.3	3.99	31.8	27.6	4.12	**30.0**	27.2	**4.51**	**27.8**	26.3	**4.60**
			60.8(16)	71.6(22)	44.0	34.8	2.62	43.1	34.4	3.10	41.0	33.4	3.62	39.8	32.7	3.81	38.3	31.9	4.05	37.1	31.1	4.19	**34.8**	30.8	**4.57**	**32.3**	29.7	**4.67**
			63(17.2)	76(24.4)	48.1	37.1	2.65	47.1	36.7	3.14	44.8	35.6	3.66	43.5	34.8	3.86	41.9	33.9	4.10	40.5	33.0	4.24	38.2	32.7	4.62	35.5	31.6	4.72
			64.4(18)	77(25)	49.1	37.8	2.66	48.0	37.4	3.15	45.8	36.3	3.67	44.4	35.4	3.87	42.8	34.6	4.12	41.4	33.7	4.25	**39.1**	33.4	**4.63**	**36.3**	32.2	**4.73**
			66.2(19)	80.6(27)	51.4	39.1	2.70	50.3	38.7	3.20	47.9	37.4	3.74	46.5	36.6	3.94	44.8	35.6	4.19	43.3	34.7	4.32	**39.7**	33.8	**4.67**	**36.9**	32.6	**4.77**
			67(19.4)	80(26.67)	53.2	38.9	2.72	52.0	38.4	3.22	49.6	37.2	3.75	48.1	36.4	3.95	46.3	35.4	4.21	44.8	34.5	4.34	40.5	33.7	4.71	37.6	32.6	4.81
			66.2(19)	84.2(29)	53.6	40.2	2.72	52.5	39.7	3.22	50.0	38.4	3.76	48.5	37.5	3.96	46.7	36.5	4.21	45.2	35.5	4.35	**40.7**	34.4	**4.72**	**37.8**	33.3	**4.82**
			71.6(22)	86(30)	56.4	41.5	2.74	55.2	40.9	3.25	52.6	39.6	3.78	51.0	38.6	3.99	49.1	37.6	4.24	47.5	36.5	4.38	**44.7**	36.4	**4.78**	**41.5**	35.1	**4.88**
			75.2(24)	89.6(32)	58.5	42.2	2.78	57.3	41.6	3.29	54.6	40.1	3.84	52.9	39.2	4.04	51.0	38.0	4.30	49.3	37.0	4.44	**46.3**	36.9	**4.85**	**43.0**	35.6	**4.95**

Performance Tables

60K(H)

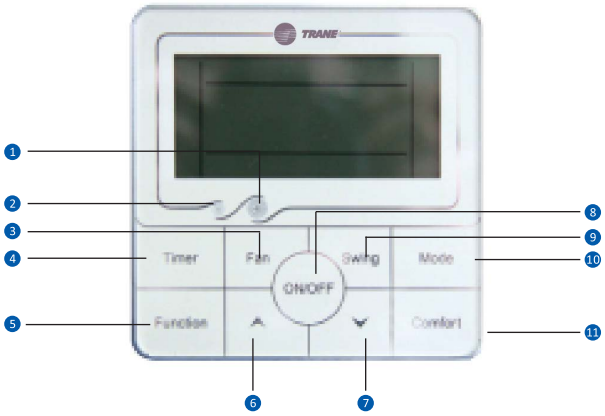
ESP	Air Folw Rate	Air Folw Rate	Indoor Air Temperature		Outdoor Air Temperature (°FDB)																							
					68.0			77.0			89.6			95.0			104.0			109.4			115.0			125.0		
	m3/h	CFM	°FWB	°FDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
150	1931	1136	57.2(14)	68(20)	38.4	30.1	2.77	37.6	29.9	3.28	35.8	29.0	3.82	34.7	28.4	4.03	33.4	27.8	4.29	32.3	27.2	4.43	**30.5**	26.8	**4.80**	**28.3**	25.9	**4.90**
			60.8(16)	71.6(22)	44.8	34.2	2.81	43.8	33.9	3.33	41.8	32.9	3.88	40.5	32.2	4.09	39.0	31.4	4.35	37.7	30.6	4.50	**35.4**	30.3	**4.87**	**32.8**	29.2	**4.97**
			63(17.2)	76(24.4)	48.9	36.5	2.84	47.9	36.1	3.37	45.6	35.0	3.93	44.3	34.2	4.14	42.6	33.3	4.40	41.2	32.5	4.55	38.9	32.2	4.92	36.1	31.1	5.03
			64.4(18)	77(25)	50.0	37.2	2.85	48.9	36.8	3.38	46.6	35.7	3.94	45.2	34.9	4.15	43.5	34.0	4.42	42.1	33.1	4.56	**39.8**	32.8	**4.94**	**36.9**	31.7	**5.04**
			66.2(19)	80.6(27)	52.3	38.5	2.90	51.2	38.0	3.44	48.8	36.8	4.01	47.3	36.0	4.22	45.6	35.1	4.49	44.1	34.1	4.64	**40.2**	33.1	**4.96**	**37.3**	31.9	**5.06**
			67(19.4)	80(26.67)	53.3	38.2	2.91	52.2	37.8	3.45	49.7	36.6	4.02	48.2	35.8	4.23	46.4	34.8	4.50	44.9	33.9	4.65	41.2	33.0	5.01	38.2	31.9	5.12
			66.2(19)	84.2(29)	53.6	39.1	2.91	52.4	38.6	3.45	50.0	37.3	4.02	48.5	36.5	4.24	46.7	35.5	4.51	45.1	34.6	4.66	**41.4**	33.9	**5.03**	**38.4**	32.7	**5.13**
			71.6(22)	86(30)	57.4	40.8	2.94	56.2	40.3	3.48	53.5	38.9	4.06	51.9	38.0	4.28	50.0	36.9	4.55	48.4	35.9	4.70	**45.5**	35.8	**5.10**	**42.2**	34.5	**5.20**
			75.2(24)	89.6(32)	59.6	41.5	2.98	58.3	40.9	3.53	55.6	39.5	4.12	53.9	38.5	4.34	51.9	37.4	4.62	50.2	36.4	4.77	**47.1**	36.2	**5.16**	**43.7**	35.0	**5.27**
100	2414	1420	57.2(14)	68(20)	40.2	32.4	2.83	39.4	32.1	3.35	37.5	31.2	3.90	36.4	30.6	4.11	35.1	29.9	4.37	33.9	29.2	4.52	**32.0**	28.8	**4.89**	**29.7**	27.8	**5.00**
			60.8(16)	71.6(22)	46.9	36.8	2.87	46.0	36.4	3.40	43.8	35.4	3.96	42.5	34.6	4.18	40.9	33.8	4.44	39.6	32.9	4.59	37.1	32.6	**4.96**	**34.4**	31.4	**5.07**
			63(17.2)	76(24.4)	51.3	39.2	2.90	50.2	38.8	3.44	47.8	37.6	4.01	46.4	36.8	4.23	44.7	35.9	4.50	43.2	34.9	4.64	40.8	34.6	5.02	37.8	33.4	5.13
			64.4(18)	77(25)	52.4	40.0	2.91	51.3	39.6	3.45	48.9	38.3	4.03	47.4	37.5	4.24	45.6	36.6	4.51	44.1	35.6	4.66	**41.7**	35.3	**5.03**	**38.7**	34.1	**5.14**
			66.2(19)	80.6(27)	54.8	41.4	2.96	53.7	40.9	3.51	51.1	39.6	4.09	49.6	38.7	4.31	47.8	37.7	4.59	46.2	36.7	4.74	**42.1**	35.6	**5.06**	**39.1**	34.4	**5.16**
			67(19.4)	80(26.67)	55.9	41.1	2.97	54.7	40.6	3.52	52.2	39.3	4.10	50.6	38.4	4.32	48.7	37.5	4.60	47.1	36.5	4.75	43.2	35.5	5.11	40.0	34.3	5.22
			66.2(19)	84.2(29)	56.2	42.0	2.97	55.0	41.5	3.52	52.4	40.2	4.11	50.9	39.3	4.33	49.0	38.2	4.60	47.4	37.2	4.75	**43.4**	36.4	**5.13**	**40.3**	35.2	**5.23**
			71.6(22)	86(30)	60.2	43.9	3.00	58.9	43.3	3.56	56.1	41.8	4.15	54.4	40.9	4.37	52.4	39.7	4.65	50.7	38.6	4.80	**47.7**	38.4	**5.19**	**44.2**	37.1	**5.31**
			75.2(24)	89.6(32)	62.4	44.6	3.04	61.1	44.0	3.61	58.2	42.4	4.21	56.5	41.4	4.43	54.4	40.2	4.71	52.6	39.1	4.87	**49.4**	39.0	**5.26**	**45.8**	37.6	**5.38**
80	2760	1624	57.2(14)	68(20)	41.5	34.0	2.85	40.7	33.7	3.38	38.7	32.8	3.94	37.6	32.1	4.15	36.2	31.4	4.41	35.0	30.6	4.56	**33.0**	30.2	**4.93**	**30.6**	29.2	**5.04**
			60.8(16)	71.6(22)	48.5	38.6	2.89	47.4	38.2	3.43	45.2	37.1	4.00	43.9	36.3	4.21	42.2	35.5	4.48	40.8	34.6	4.63	**38.3**	34.2	**5.00**	**35.6**	33.0	**5.11**
			63(17.2)	76(24.4)	53.0	41.1	2.93	51.8	40.7	3.47	49.4	39.5	4.05	47.9	38.6	4.26	46.1	37.6	4.53	44.6	36.7	4.68	42.1	36.3	5.06	39.1	35.1	5.17
			64.4(18)	77(25)	54.1	42.0	2.94	52.9	41.5	3.48	50.4	40.2	4.06	48.9	39.3	4.27	47.1	38.4	4.55	45.6	37.4	4.70	**43.0**	37.0	**5.07**	**39.9**	35.8	**5.18**
			66.2(19)	80.6(27)	56.6	43.4	2.99	55.4	42.9	3.54	52.8	41.6	4.13	51.2	40.6	4.35	49.3	39.6	4.62	47.7	38.5	4.78	**43.5**	37.4	**5.10**	**40.4**	36.1	**5.21**
			67(19.4)	80(26.67)	57.8	43.1	2.99	56.6	42.6	3.55	53.9	41.3	4.14	52.3	40.3	4.36	50.4	39.3	4.64	48.7	38.3	4.79	44.6	37.3	5.15	41.3	36.0	5.26
			66.2(19)	84.2(29)	58.1	44.2	3.00	56.9	43.6	3.55	54.2	42.2	4.14	52.6	41.2	4.36	50.7	40.2	4.64	49.0	39.1	4.79	**44.8**	38.2	**5.17**	**41.6**	36.9	**5.28**
			71.6(22)	86(30)	62.1	46.0	3.02	60.8	45.4	3.58	57.9	43.9	4.18	56.2	42.9	4.40	54.1	41.7	4.68	52.3	40.6	4.84	**49.2**	40.4	**5.24**	**45.7**	39.0	**5.35**
			75.2(24)	89.6(32)	64.5	46.8	3.07	63.1	46.2	3.64	60.1	44.5	4.24	58.3	43.5	4.47	56.2	42.2	4.75	54.3	41.0	4.91	**51.0**	40.9	**5.31**	**47.3**	39.5	**5.42**
50	3100	1824	57.2(14)	68(20)	42.2	34.8	2.88	41.3	34.5	3.42	39.3	33.6	3.98	38.2	32.9	4.20	36.7	32.2	4.46	35.5	31.4	4.61	**33.5**	31.0	**4.99**	**31.1**	29.9	**5.10**
			60.8(16)	71.6(22)	49.2	39.6	2.93	48.2	39.2	3.47	45.9	38.0	4.05	44.5	37.2	4.26	42.9	36.3	4.53	41.5	35.4	4.68	**38.9**	35.0	**5.07**	**36.1**	33.8	**5.17**
			63(17.2)	76(24.4)	53.8	42.2	2.96	52.6	41.7	3.51	50.2	40.4	4.09	48.7	39.5	4.31	46.8	38.6	4.59	45.3	37.6	4.74	42.7	37.2	5.12	39.7	35.9	5.23
			64.4(18)	77(25)	54.9	43.0	2.97	53.7	42.5	3.52	51.2	41.2	4.11	49.7	40.3	4.33	47.8	39.3	4.60	46.3	38.3	4.75	**43.7**	37.9	**5.14**	**40.5**	36.6	**5.25**
			66.2(19)	80.6(27)	57.5	44.5	3.02	56.2	44.0	3.58	53.6	42.6	4.18	52.0	41.6	4.40	50.1	40.5	4.68	48.4	39.5	4.83	**44.9**	38.7	**5.20**	**41.6**	37.4	**5.31**
			67(19.4)	80(26.67)	58.8	44.2	3.03	57.6	43.7	3.59	54.9	42.3	4.19	53.2	41.3	4.41	51.2	40.3	4.69	49.6	39.2	4.85	45.4	38.6	5.22	42.1	37.3	5.33
			66.2(19)	84.2(29)	59.1	45.3	3.03	57.9	44.7	3.60	55.2	43.3	4.19	53.5	42.3	4.42	51.5	41.2	4.70	49.8	40.1	4.85	**45.5**	39.2	**5.23**	**42.2**	37.8	**5.34**
			71.6(22)	86(30)	63.1	47.2	3.06	61.7	46.6	3.63	58.8	45.0	4.23	57.1	43.9	4.46	54.9	42.7	4.74	53.1	41.6	4.90	**50.0**	41.3	**5.30**	**46.4**	39.9	**5.41**
			75.2(24)	89.6(32)	65.4	48.0	3.11	64.1	47.3	3.68	61.0	45.6	4.29	59.2	44.5	4.52	57.0	43.3	4.81	55.2	42.1	4.97	**51.8**	41.9	**5.37**	**48.0**	40.5	**5.49**
0	3300	1941	57.2(14)	68(20)	42.8	35.7	2.89	41.9	35.4	3.43	39.9	34.4	4.00	38.7	33.7	4.21	37.3	32.9	4.48	36.1	32.2	4.63	**34.0**	31.7	**5.01**	**31.6**	30.6	**5.12**
			60.8(16)	71.6(22)	49.9	40.5	2.94	48.9	40.1	3.48	46.6	38.9	4.06	45.2	38.1	4.28	43.5	37.2	4.55	42.1	36.3	4.70	**39.5**	35.9	**5.09**	**36.6**	34.6	**5.19**
			63(17.2)	76(24.4)	54.6	43.2	2.97	53.4	42.7	3.53	50.9	41.4	4.11	49.4	40.5	4.33	47.5	39.5	4.61	46.0	38.5	4.76	43.4	38.1	5.14	40.2	36.8	5.25
			64.4(18)	77(25)	55.7	44.1	2.98	54.6	43.6	3.54	52.0	42.2	4.12	50.4	41.3	4.34	48.6	40.2	4.62	47.0	39.2	4.77	**44.4**	38.8	**5.16**	**41.1**	37.5	**5.27**
			66.2(19)	80.6(27)	58.3	45.5	3.03	57.1	45.0	3.60	54.4	43.6	4.19	52.8	42.6	4.42	50.8	41.5	4.70	49.2	40.4	4.85	**45.0**	39.3	**5.19**	**41.7**	37.9	**5.30**
			67(19.4)	80(26.67)	59.9	45.2	3.05	58.7	44.7	3.61	55.9	43.3	4.21	54.2	42.3	4.43	52.2	41.3	4.72	50.5	40.2	4.87	45.9	39.2	5.24	42.6	37.9	5.35
			66.2(19)	84.2(29)	60.3	46.5	3.05	59.0	46.0	3.61	56.3	44.5	4.21	54.6	43.4	4.44	52.6	42.3	4.72	50.8	41.2	4.88	**46.2**	40.1	**5.25**	**42.8**	38.7	**5.36**
			71.6(22)	86(30)	64.0	48.3	3.07	62.7	47.7	3.64	59.7	46.1	4.25	57.9	45.0	4.47	55.8	43.7	4.76	53.9	42.6	4.92	**50.7**	42.3	**5.32**	**47.1**	40.9	**5.44**
			75.2(24)	89.6(32)	66.4	49.1	3.12	65.0	48.4	3.70	62.0	46.7	4.31	60.1	45.6	4.54	57.9	44.3	4.83	56.0	43.1	4.99	**52.6**	42.9	**5.39**	**48.8**	41.5	**5.51**

60K(M)

ESP	Air Folw Rate	Air Folw Rate	Indoor Air Temperature		Outdoor Air Temperature (°FDB)																							
					68.0			77.0			89.6			95.0			104.0			109.4			115.0			125.0		
	m3/h	CFM	°FWB	°FDB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
150	1738	1023	57.2(14)	68(20)	37.8	29.4	2.74	37.0	29.2	3.24	35.3	28.4	3.78	34.2	27.8	3.98	33.0	27.2	4.24	31.9	26.5	4.38	**30.0**	26.2	**4.74**	**27.8**	25.3	**4.85**
			60.8(16)	71.6(22)	44.1	33.4	2.78	43.2	33.1	3.29	41.2	32.1	3.84	39.9	31.4	4.04	38.5	30.7	4.30	37.2	29.9	4.44	**34.8**	29.6	**4.81**	**32.3**	28.6	**4.91**
			63(17.2)	76(24.4)	48.2	35.6	2.81	47.2	35.2	3.33	45.0	34.2	3.89	43.6	33.4	4.09	42.0	32.6	4.35	40.7	31.8	4.50	38.3	31.4	4.87	35.5	30.4	4.97
			64.4(18)	77(25)	49.3	36.4	2.82	48.2	36.0	3.34	45.9	34.8	3.90	44.6	34.1	4.11	42.9	33.2	4.37	41.5	32.4	4.51	**39.1**	32.1	**4.88**	**36.3**	31.0	**4.98**
			66.2(19)	80.6(27)	51.6	37.6	2.87	50.5	37.2	3.40	48.1	36.0	3.96	46.7	35.2	4.17	44.9	34.3	4.44	43.4	33.4	4.59	**39.5**	32.3	**4.90**	**36.7**	31.2	**5.01**
			67(19.4)	80(26.67)	52.6	37.3	2.88	51.4	36.9	3.41	49.0	35.8	3.97	47.6	34.9	4.19	45.8	34.0	4.45	44.3	33.2	4.60	40.5	32.3	4.96	37.6	31.2	5.06
			66.2(19)	84.2(29)	52.8	38.2	2.88	51.7	37.7	3.41	49.3	36.5	3.98	47.8	35.6	4.19	46.0	34.7	4.45	44.5	33.8	4.60	**40.7**	33.1	**4.97**	**37.8**	32.0	**5.07**
			71.6(22)	86(30)	56.6	39.9	2.90	55.4	39.4	3.44	52.8	38.0	4.01	51.2	37.1	4.23	49.3	36.1	4.50	47.7	35.1	4.65	**44.8**	34.9	**5.04**	**41.5**	33.7	**5.14**
			75.2(24)	89.6(32)	58.7	40.5	2.95	57.5	40.0	3.49	54.8	38.6	4.07	53.1	37.6	4.29	51.2	36.6	4.56	49.5	35.5	4.71	**46.4**	35.4	**5.10**	**43.0**	34.2	**5.21**
100	2173	1278	57.2(14)	68(20)	39.6	31.6	2.79	38.8	31.3	3.31	37.0	30.5	3.86	35.9	29.8	4.06	34.5	29.2	4.32	33.4	28.5	4.46	**31.5**	28.1	**4.84**	**29.2**	27.1	**4.94**
			60.8(16)	71.6(22)	46.2	35.9	2.83	45.3	35.5	3.36	43.1	34.5	3.92	41.8	33.8	4.12	40.3	33.0	4.39	39.0	32.2	4.53	**36.6**	31.8	**4.91**	**33.9**	30.7	**5.01**
			63(17.2)	76(24.4)	50.5	38.3	2.87	49.4	37.8	3.40	47.1	36.7	3.96	45.7	35.9	4.17	44.0	35.0	4.44	42.6	34.1	4.59	40.2	33.8	4.96	37.3	32.6	5.07
			64.4(18)	77(25)	51.6	39.1	2.88	50.5	38.6	3.41	48.1	37.4	3.97	46.7	36.6	4.19	44.9	35.7	4.45	43.5	34.8	4.60	**41.1**	34.4	**4.98**	**38.1**	33.3	**5.08**
			66.2(19)	80.6(27)	54.0	40.4	2.93	52.8	39.9	3.47	50.4	38.6	4.04	48.9	37.8	4.26	47.0	36.8	4.53	45.5	35.8	4.68	**41.5**	34.7	**5.00**	**38.5**	33.5	**5.11**
			67(19.4)	80(26.67)	55.1	40.1	2.93	53.9	39.6	3.48	51.4	38.4	4.05	49.8	37.5	4.27	48.0	36.6	4.54	46.4	35.6	4.69	42.5	34.7	5.05	39.4	33.5	5.16
			66.2(19)	84.2(29)	55.4	41.0	2.93	54.2	40.5	3.48	51.6	39.2	4.06	50.1	38.3	4.27	48.2	37.3	4.54	46.7	36.3	4.69	**42.7**	35.5	**5.07**	**39.7**	34.3	**5.18**
			71.6(22)	86(30)	59.3	42.8	2.96	58.0	42.3	3.51	55.3	40.8	4.09	53.6	39.9	4.31	51.6	38.8	4.59	49.9	37.7	4.74	**47.0**	37.5	**5.14**	**43.6**	36.2	**5.25**
			75.2(24)	89.6(32)	61.5	43.5	3.01	60.2	42.9	3.56	57.4	41.4	4.15	55.6	40.4	4.38	53.6	39.3	4.65	51.8	38.2	4.81	**48.7**	38.0	**5.21**	**45.1**	36.7	**5.32**
80	2414	1420	57.2(14)	68(20)	40.2	32.4	2.82	39.4	32.1	3.35	37.5	31.2	3.90	36.4	30.6	4.11	35.0	29.9	4.37	33.9	29.2	4.52	**32.0**	28.8	**4.90**	**29.7**	27.8	**5.00**
			60.8(16)	71.6(22)	46.9	36.8	2.87	45.9	36.4	3.40	43.8	35.4	3.96	42.5	34.6	4.17	40.9	33.8	4.44	39.6	32.9	4.59	**37.1**	32.6	**4.97**	**34.4**	31.4	**5.07**
			63(17.2)	76(24.4)	51.3	39.2	2.90	50.2	38.8	3.44	47.8	37.6	4.01	46.4	36.8	4.23	44.7	35.9	4.49	43.2	34.9	4.64	40.8	34.6	5.02	37.8	33.4	5.13
			64.4(18)	77(25)	52.4	40.0	2.91	51.3	39.6	3.45	48.9	38.3	4.02	47.4	37.5	4.24	45.6	36.6	4.51	44.1	35.6	4.66	**41.7**	35.3	**5.04**	**38.7**	34.1	**5.14**
			66.2(19)	80.6(27)	54.8	41.4	2.96	53.7	40.9	3.51	51.1	39.6	4.09	49.6	38.7	4.31	47.8	37.7	4.58	46.2	36.7	4.74	**42.2**	35.6	**5.06**	**39.1**	34.4	**5.17**
			67(19.4)	80(26.67)	56.0	41.1	2.97	54.8	40.6	3.52	52.2	39.3	4.10	50.7	38.4	4.32	48.8	37.5	4.60	47.2	36.5	4.75	43.2	35.5	5.12	40.0	34.3	5.23
			66.2(19)	84.2(29)	56.3	42.1	2.97	55.1	41.6	3.52	52.5	40.2	4.11	51.0	39.3	4.33	49.1	38.3	4.60	47.5	37.3	4.75	**43.4**	36.4	**5.13**	**40.3**	35.2	**5.24**
			71.6(22)	86(30)	60.2	43.9	3.00	58.9	43.3	3.55	56.1	41.8	4.14	54.4	40.9	4.37	52.4	39.7	4.64	50.7	38.6	4.80	**47.7**	38.4	**5.20**	**44.2**	37.1	**5.31**
			75.2(24)	89.6(32)	62.4	44.6	3.04	61.1	44.0	3.61	58.2	42.4	4.20	56.5	41.4	4.43	54.4	40.2	4.71	52.6	39.1	4.87	**49.4**	39.0	**5.27**	**45.8**	37.6	**5.38**
50	2655	1562	57.2(14)	68(20)	40.8	33.2	2.84	40.0	32.9	3.36	38.1	32.0	3.92	36.9	31.3	4.13	35.6	30.6	4.39	34.4	29.9	4.54	**32.5**	29.5	**4.92**	**30.1**	28.5	**5.02**
			60.8(16)	71.6(22)	47.6	37.7	2.88	46.6	37.3	3.41	44.4	36.2	3.98	43.1	35.4	4.19	41.5	34.6	4.46	40.1	33.7	4.61	**37.7**	33.3	**4.99**	**34.9**	32.2	**5.09**
			63(17.2)	76(24.4)	52.1	40.1	2.91	51.0	39.7	3.45	48.6	38.5	4.03	47.1	37.6	4.24	45.4	36.7	4.51	43.9	35.8	4.66	41.4	35.4	5.04	38.4	34.2	5.15
			64.4(18)	77(25)	53.2	41.0	2.92	52.0	40.5	3.46	49.6	39.3	4.04	48.1	38.4	4.26	46.3	37.4	4.53	44.8	36.5	4.68	**42.3**	36.1	**5.06**	**39.2**	34.9	**5.17**
			66.2(19)	80.6(27)	55.6	42.4	2.97	54.5	41.9	3.52	51.9	40.5	4.11	50.3	39.6	4.33	48.5	38.6	4.60	46.9	37.6	4.75	**42.8**	36.5	**5.09**	**39.7**	35.2	**5.19**
			67(19.4)	80(26.67)	56.9	42.1	2.98	55.7	41.6	3.53	53.1	40.3	4.12	51.5	39.4	4.34	49.6	38.4	4.62	48.0	37.4	4.77	43.8	36.4	5.14	40.6	35.2	5.25
			66.2(19)	84.2(29)	57.3	43.1	2.98	56.0	42.6	3.54	53.4	41.2	4.12	51.8	40.3	4.34	49.9	39.2	4.62	48.3	38.2	4.77	**44.1**	37.3	**5.15**	**40.9**	36.0	**5.26**
			71.6(22)	86(30)	61.1	44.9	3.01	59.8	44.3	3.57	57.0	42.9	4.16	55.2	41.8	4.38	53.2	40.7	4.66	51.5	39.6	4.82	**48.4**	39.4	**5.22**	**44.9**	38.0	**5.33**
			75.2(24)	89.6(32)	63.4	45.7	3.05	62.0	45.0	3.62	59.1	43.5	4.22	57.3	42.4	4.45	55.2	41.2	4.73	53.4	40.0	4.89	**50.1**	39.9	**5.29**	**46.5**	38.6	**5.40**
0	2897	1704	57.2(14)	68(20)	41.6	34.8	2.86	40.8	34.5	3.39	38.8	33.5	3.96	37.7	32.8	4.17	36.3	32.1	4.43	35.1	31.4	4.58	**33.1**	30.9	**4.97**	**30.7**	29.9	**5.07**
			60.8(16)	71.6(22)	48.6	39.5	2.91	47.6	39.1	3.45	45.3	38.0	4.02	44.0	37.2	4.23	42.3	36.3	4.50	40.9	35.4	4.65	**38.4**	35.0	**5.04**	**35.6**	33.8	**5.14**
			63(17.2)	76(24.4)	53.1	42.1	2.94	52.0	41.7	3.49	49.5	40.4	4.07	48.0	39.5	4.28	46.2	38.5	4.56	44.7	37.5	4.71	42.2	37.2	5.09	39.1	35.9	5.20
			64.4(18)	77(25)	54.2	43.0	2.95	53.1	42.5	3.50	50.6	41.2	4.08	49.1	40.3	4.30	47.2	39.3	4.57	45.7	38.2	4.72	**43.1**	37.9	**5.11**	**40.0**	36.6	**5.22**
			66.2(19)	80.6(27)	56.7	44.4	3.00	55.5	43.9	3.56	52.9	42.5	4.15	51.3	41.6	4.37	49.4	40.5	4.65	47.8	39.4	4.80	**43.8**	38.3	**5.14**	**40.6**	37.0	**5.25**
			67(19.4)	80(26.67)	58.3	44.1	3.01	57.0	43.6	3.57	54.4	42.3	4.16	52.7	41.3	4.39	50.8	40.2	4.67	49.1	39.2	4.82	44.7	38.2	5.19	41.5	36.9	5.30
			66.2(19)	84.2(29)	58.7	45.4	3.02	57.4	44.8	3.57	54.7	43.4	4.17	53.1	42.4	4.39	51.1	41.3	4.67	49.4	40.2	4.82	**44.9**	39.1	**5.20**	**41.7**	37.8	**5.31**
			71.6(22)	86(30)	62.3	47.1	3.04	60.9	46.5	3.60	58.1	44.9	4.20	56.3	43.9	4.43	54.2	42.7	4.71	52.5	41.5	4.86	**49.4**	41.3	**5.27**	**45.8**	39.9	**5.38**
			75.2(24)	89.6(32)	64.6	47.9	3.08	63.2	47.2	3.66	60.3	45.6	4.26	58.5	44.5	4.49	56.3	43.2	4.78	54.5	42.0	4.93	**51.1**	41.9	**5.34**	**47.4**	40.4	**5.46**

Wired Controller

86x86mm



1. Remote Signal Receiver
2. Photosensitive Sensor Receiver
3. Fan Button
4. Timer Button
5. Function Button
6. "+" Button
7. "-" Button
8. ON/OFF Button
9. Swing Button
10. Mode Button
11. Comfort Button

TRANE TECHNOLOGIES

Literature Order Number	Ducted-Split_50Hz
Date	FEB 2022
Supersedes	NEW