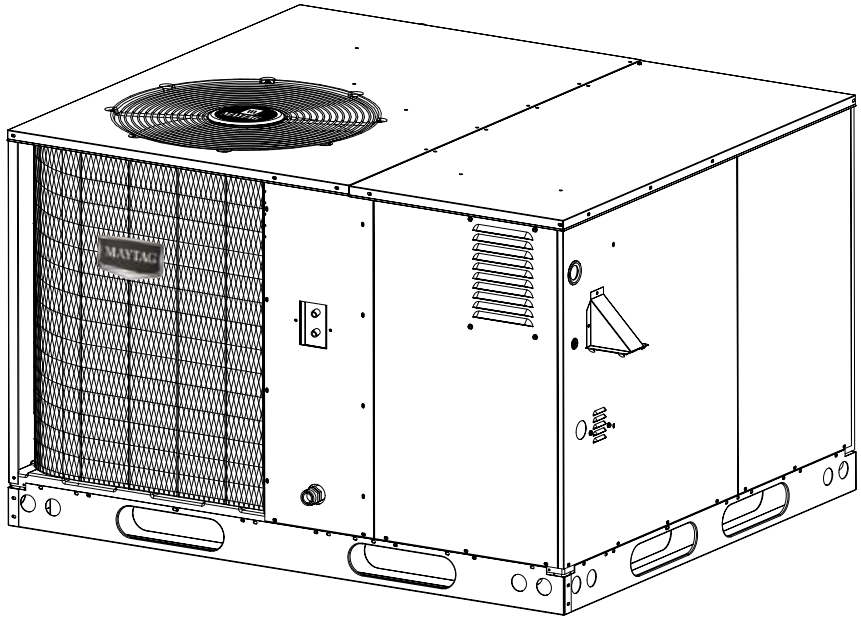
MAYTAG

TECHNICAL SPECIFICATIONS

Model PDF2SE Series



M1200 Product Line

iHybrid™ Package Units
Up to 14 SEER — 2 - 5 Ton Units

4-Stage Heat/2-Stage Cool with Variable Speed Blower

- **M1200 - 12 YEAR ALL PARTS LIMITED WARRANTY**
- **M1200 WITH UPGRADED WARRANTY PACKAGE - 12 YEAR ALL PARTS & LABOR LIMITED WARRANTY**
- **Both the standard and upgraded limited warranty packages offer a 12 Year Dependability Promise to replace the entire unit, if the unit's major component (heat exchanger or compressor) fails within the first 12 years of operation, to the original owner.**
- **Product registration (by consumer or dealer) required for 12-year Warranty and Dependability Promise within a limited period of time after the installation. See current warranty document for details. This can be viewed at www.maytaghvac.com or ask your sales representative.**
- **Dealer is responsible for registration of labor portion of warranty.**
- **Also when registered, this product is upgraded to a limited lifetime heat exchanger warranty.**

The PDF2SE Series single packaged gas/electrics are high efficiency self contained heat pump units that can be installed on the roof or on a slab. The convertible unit design makes installations simple in all applications. Units are ETL and ETLc listed.

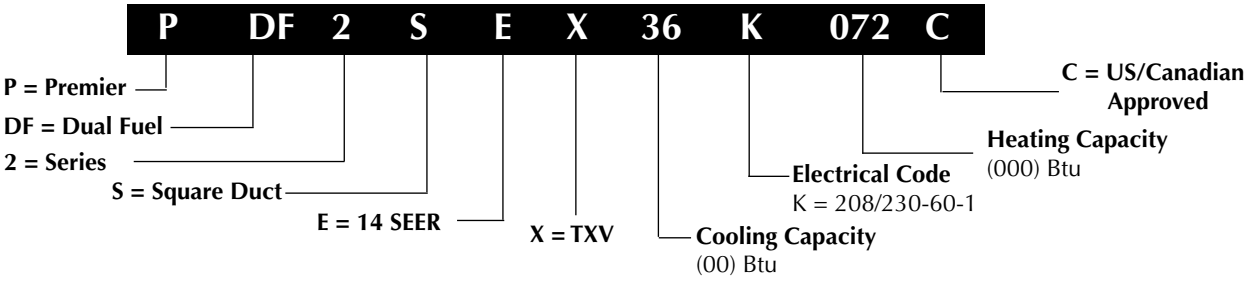
Features and Benefits

- **Copeland Ultra-Tech Compressor**
  Two stage heat/cool with comfort alert II Communications/Diagnostics package.
- **Compact Footprint/Low Profile**
  Easy to handle and transport.
- **Heavy-Gauge, Full Perimeter Base Rails**
  Facilitates forklift handling and curb mounting.
- **Hi/low Pressure Switches**
  Added compressor Protection.
- **Convertible Air Delivery**
  Horizontal or downflow to accommodate rooftop or horizontal application.
- **R-410A Refrigerant**
  Environmentally friendly.
- **Galvanized Steel Cabinet**
  Unit is trimmed in a silicone-protected polyester finish with a 950 hour salt spray finish that resists corrosion 50% better than comparable units.
- **Plastic Coated Coil Guard and Mesh Hail Guard**
  Will never rust and protects the coil from being damaged by balls, lawn-mowers, hail etc.
- **Externally Accessible Service Ports**
  Quick access to refrigerant system without disrupting operation.
- **Access to Controls and Major Components**
  Easy in and out service.
- **Corrosion-Resistant Drain Pan**
  Quickly drains away evaporator condensate.
- **Smaller Panels, Great Fit and Finish, Total Seal —** Well-designed, quality construction. Drip edge on top panels whisks away rainwater. Embossed bottom pan keeps blower component compartment dry.
- **Thermal Expansion Valve**
  Factory installed externally equalized thermal expansion valve provides precise refrigerant control under varying load conditions.
- **Proven, Industry Standard Components**
  Easier service and availability.
- **ECM Variable Speed Motor**
  Advanced technology allows the motor to automatically adjust to different static loads. The variable speed motor allows for extra quiet operation and improved air quality.
- **Quiet Operation and Low Vibration**
  20" swept wing fan blade combined with custom venturi condenser fan.
- **Accessories**
  Roof curbs and more.
- **SmartStart® Control Board —** Provides extended life to ignitors using hot surface ignition technology. Programmed to learn the heat-up characteristics of the ignitor, then adapt the ignition time to the characteristics of the furnace so the ignitor is energized appropriately.
- **Quiet Plus™ Compressor Sound Blanket —** Engineered to significantly reduce unwanted noise.

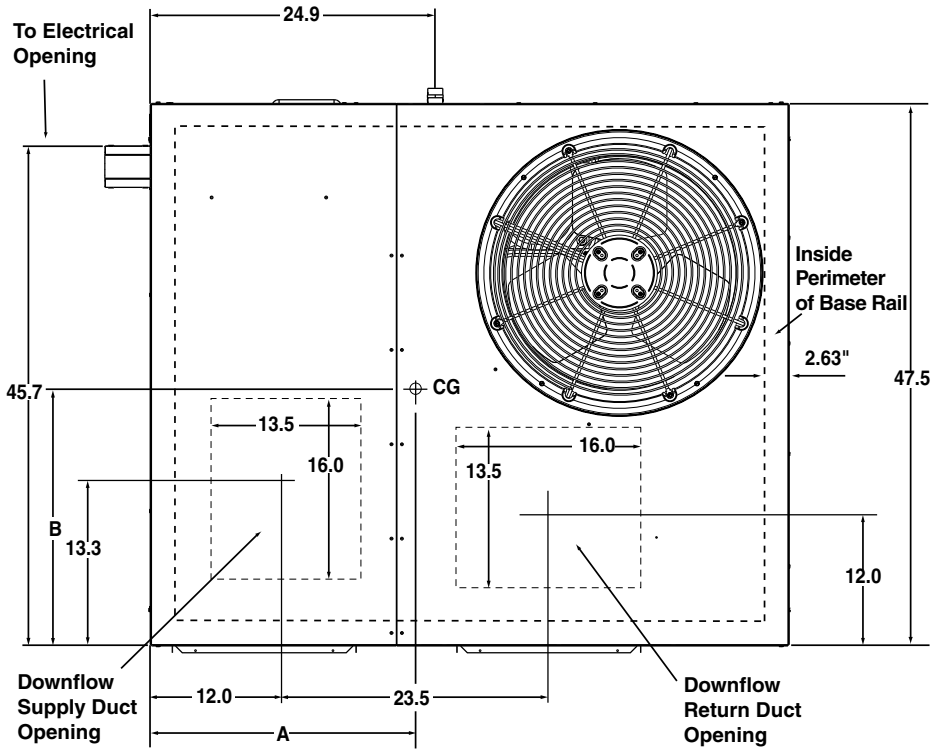
Single Phase

MODEL	PDF2SE-X24K045C	PDF2SE-X24K072C	PDF2SE-X36K072C	PDF2SE-X36K096C	PDF2SE-X48K096C	PDF2SE-X48K120C	PDF2SE-X60K096C	PDF2SE-X60K120C
Performance (Gas)								
Heating Input High/Low Btuh	45,000 / 31,500	72,000 / 50,400	72,000 / 50,400	96,000 / 67,200	96,000 / 67,200	120,000 / 84,000	96,000 / 67,200	120,000 / 84,000
Heating Output High/Low Btuh	35,100 / 24,570	57,600 / 40,320	57,600 / 40,320	76,800 / 53,760	76,800 / 53,760	96,000 / 67,200	76,800 / 53,760	96,000 / 67,200
AFUE	78	80	80	80	80	80	80	80
Performance (Electric)								
Efficiency -- SEER	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
Efficiency -- EER (Btuh/Watt)	11.0	11.0	11.0	11.0	10.0	10.0	10.1	10.1
Capacity - Heating	22,200	22,200	33,000	33,000	42,500	42,500	56,500	56,500
Efficiency - HSPF	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Capacity - Cooling	23,400	23,400	34,000	34,000	44,000	44,000	55,500	55,500
Electrical Rating - 60 Hz								
Phase	1	1	1	1	1	1	1	1
Operating Voltage Range	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253
Minimum Circuit Ampacity	21.3	23.1	33.1	33.1	42.0	42.0	44.5	44.5
Max. Overcurrent Protection	30	30	50	50	60	60	60	60
Compressor Data								
Volts	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230
Rated Load Amps	11.4	11.4	19	19	24	24	26	26
Lock Rotor Amps	52	52	82	82	96	96	118	118
Indoor Blower								
Wheel Diameter	10 x 10	10 x 10	10 x 10	10 x 10	11 x 10	11 x 10	11 x 10	11 x 10
Motor Type	Variable Speed	Variable Speed	Variable Speed	Variable Speed	Variable Speed	Variable Speed	Variable Speed	Variable Speed
Motor HP	1/2	1/2	3/4	3/4	1	1	1	1
Motor Amps	4.3	4.3	6.8	6.8	9.1	9.1	9.1	9.1
Outdoor Fan								
Motor HP	1/4	1/4	1/4	1/4	1/3	1/3	1/3	1/3
Motor Amps	1.4	1.4	1.2	1.2	1.5	1.5	1.5	1.5
Fan Diameter/CFM	20" / 3200	20" / 3200	20" / 3350	20" / 3350	20" / 3500	20" / 3500	20" / 3500	20" / 3500
Refrigerant Charge (oz)	120.0	120.0	126.4	126.4	264	264	243.2	243.2

IDENTIFICATION CODE



DIMENSIONS

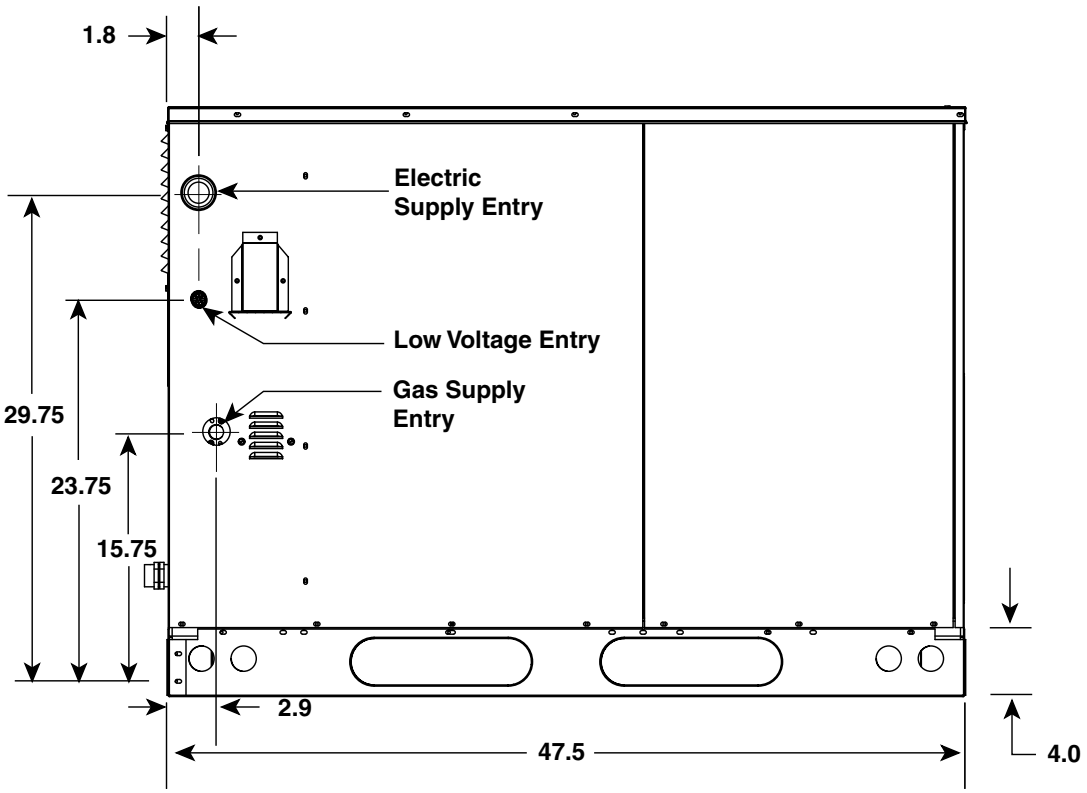


Model Number 14 SEER

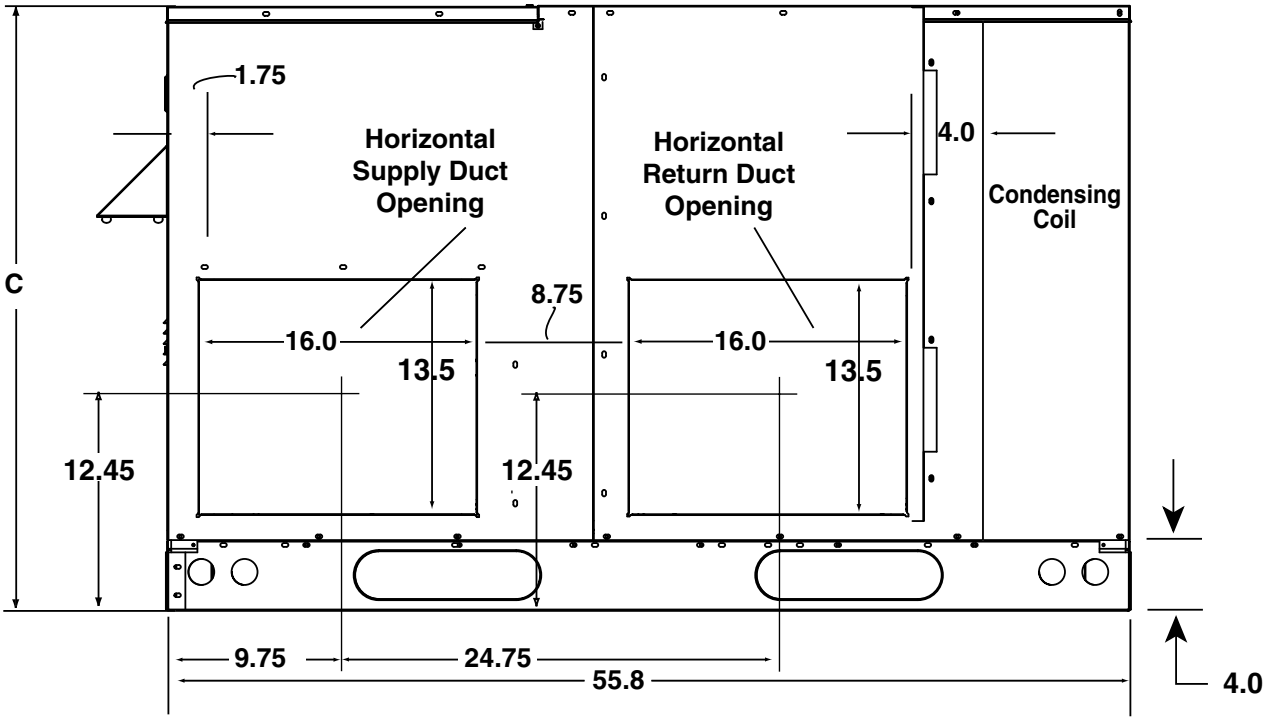
Top View

	Unit Weight	Shipping Weight	Center of Gravity		Height (in inches) C	
			A	B	with base rails	without base rails
X24K***C	480	490	26.0	27.0	39.0	35.3
X36K***C	480	490	26.0	27.0	39.0	35.3
X48K***C	570	580	27.0	26.5	43.0	39.3
X60K***C	580	590	27.0	26.5	43.0	39.3

DIMENSIONS continued



Side View



Back View

AIRFLOW DATA

Model Number PDF2SE	Heating Input (Btuh)	Heating Output (Btuh)	Heat Switch Setting	CFM	Heating Rise Range (°F)	Cooling Output (Btuh)	Blower Size	Motor HP
	45,000	35,100	0,0	732				
X24K045C	31,500	24,570	0,0	550	35-65	23,400	10 X 10	1/2
	72,000	57,600	1,1	1062				
X24K072C	50,400	40,320	1,1	900	35-65	23,400	10 X 10	1/2
	72,000	57,600	1,0	1240				
X36K072C	50,400	40,320	1,0	800	40-70	34,000	10 X 10	3/4
	96,000	76,800	0,1	1640				
X36K096C	67,200	53,760	0,1	1000	45-75	34,000	10 X 10	3/4
	96,000	76,800	1,0	1395				
X48K096C	67,200	53,760	1,0	900	45-75	44,000	11 X 10	1
	120,000	96,000	1,1	2005				
X48K120C	84,000	67,200	1,1	1200	40-70	44,000	11 X 10	1
	96,000	76,800	1,0	1395				
X60K096C	67,200	53,760	1,0	900	45-75	55,500	11 X 10	1
	120,000	96,000	1,1	2005				
X60K120C	84,000	67,200	1,1	1200	40-70	55,500	11 X 10	1

NOTE: CFM and Rise are independent of ESP in a variable speed blower.

COOLING AIRFLOW SETTINGS

SWITCH NUMBER				RECOMMENDED A/C AIRFLOW RATE (CFM)		SWITCH NUMBER				RECOMMENDED A/C AIRFLOW RATE (CFM)		SWITCH NUMBER				RECOMMENDED A/C AIRFLOW RATE (CFM)		
1	2	3	4	2 TON		1	2	3	4	3 TON		1	2	3	4	4-5 TON		
0	0	0	1		585	0	0	0	1		720	0	0	0	1			1440
0	0	0	0		650	0	0	0	0		800	1	0	0	1	4		1575
0	0	1	0	2	715	1	0	0	1		855	0	0	0	0			1600
1	0	0	1		720	0	0	1	0		880	0	1	0	1	T		1620
1	**0**	**0**	**0**	**T**	**800**	1	0	0	0		950	**1**	**0**	**0**	**0**	**O**		1750
0	1	0	1	**O**	855	0	1	0	1		990	1	1	0	1	**N**		1755
1	0	1	0	**N**	880	1	0	1	0		1045	0	0	1	0		**5**	1760
0	1	0	0		950	0	1	0	0	**3**	1100	0	1	0	0			1800
1	1	0	1		990	1	1	0	1	**T**	1170	**1**	**0**	**1**	**0**		**T**	1925
0	1	1	0		1045	0	1	1	0	**O**	1210	1	1	0	0		**O**	1950
1	1	0	0		1100	**1**	**1**	**0**	**0**	**N**	1300	0	1	1	0		**N**	1980
1	1	1	0		1210	1	1	1	0		1430	1	1	1	0			2145

NOTE: 0 = OFF 1 = ON
1. Factory Setting in BOLD

HEATING AIRFLOW SETTINGS

Nominal Airflow Rates (CFM) and Temperature Rises (°F)													
Switches					PDF2SE-X24								
					Low Fire Input		High Fire Input		Low Fire Input		High Fire Input		
5	6	7	8	9	31,500		45,000		50,400		72,000		
0	0	#	#	#	**550**	**41**	**732**	**44**	550	66	732	71	
1	0	#	#	#	650	35	865	**38**	650	56	865	60	
0	1	#	#	#	750	30	998	33	750	49	998	52	
1	1	#	#	#	900	25	1062	31	**900**	**40**	**1062**	**49**	

Nominal Airflow Rates (CFM) and Temperature Rises (°F)													
Switches					PDF2SE-X36								
					Low Fire Input		High Fire Input		Low Fire Input		High Fire Input		
5	6	7	8	9	50,400		72,000		67,200		96,000		
0	0	#	#	#	700	53	1170	46	700	71	1170	61	
1	0	#	#	#	**800**	**47**	**1240**	**43**	800	62	1240	57	
0	1	#	#	#	1000	37	1640	33	**1000**	**50**	**1640**	**43**	
1	1	#	#	#	1200	31	2005	27	1200	44	2005	36	

Nominal Airflow Rates (CFM) and Temperature Rises (°F)													
Switches					PDF2SE-X48 & X60								
					Low Fire Input		High Fire Input		Low Fire Input		High Fire Input		
5	6	7	8	9	67,200		96,000		84,000		120,000		
0	0	#	#	#	750	66	1253	57	750	83	1255	71	
1	0	#	#	#	**900**	**55**	**1395**	**51**	900	69	1395	64	
0	1	#	#	#	1050	47	1720	41	1050	59	1720	52	
1	1	#	#	#	1200	42	2005	36	**1200**	**52**	**2005**	**44**	

NOTE: 0 = OFF 1 = ON

Switch is not used — Can be 0 or 1

1. Recommended temperature rises are highlighted in **BOLD**. Use of any other setting may result in nuisance trips.
2. Areas in grey are not recommended settings.
3. Temperature rises in the table are approximate. Actual temperature rises may vary.

ACCESSORIES

Description	Part Number
Roof Curb (8”)	547830
Roof Curb (14”)	547831
Roof Curb (18”)	547850
Roof Curb (24”)	547851
Filter Rack, All Downflow Applications	547885
Filter Kit for Horizontal Applications PDF2SEX24K-36K	547888
Filter Kit for Horizontal Applications PDF2SEX48K - X60K	547889
Universal Hard Start Kit	912933
Low Ambient Kit	918837
U.S. LP Gas Conversion Kit (0 ft to 10,000 ft above sea level)	904404
Canadian LP Gas Conversion Kit (0 to 4,500 ft above sea level)	904405
Cap, Duct Adapter, 12” Round	913811A
Cap, Duct Adapter, 14” Round	913812A
Thermostat with back-up gas heat capability (outdoor sensor required)	919775
Thermostat - Outdoor Sensor	919008
Skirt Trim Kit	919729B
Extreme High Wind Kit - Roof Curb Mount	903696
Extreme High Wind Kit - Ground Mount	903695

EXPANDED RATINGS COOLING PERFORMANCE

PDF2SE-X24K

O.D.T			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
700	80	62	22.4	19.1	1.82	21.3	19.2	2.02	20.0	19.5	2.24	18.8	18.6	2.49
	80	67	24.2	15.5	1.84	22.9	15.1	2.04	21.5	14.6	2.26	20.0	14.1	2.51
	80	72	26.5	11.7	1.86	25.0	11.3	2.07	23.4	10.9	2.30	21.6	10.4	2.55
	75	63	22.6	15.3	1.82	21.4	15.3	2.02	20.1	15.2	2.24	18.6	14.8	2.49
800	80	62	23.1	20.6	1.83	22.0	20.9	2.03	20.8	20.3	2.25	19.5	19.5	2.50
	80	67	24.8	16.7	1.84	23.4	16.3	2.04	21.9	15.8	2.27	20.4	15.3	2.52
	80	72	26.9	12.5	1.87	25.3	12.1	2.07	23.7	11.6	2.30	22.0	11.2	2.56
	75	63	23.1	17.1	1.83	21.9	16.9	2.03	20.5	16.6	2.25	19.0	16.1	2.49
900	80	62	23.8	22.0	1.83	22.7	21.6	2.03	21.5	21.5	2.26	20.1	20.1	2.51
	80	67	25.2	17.9	1.85	23.8	17.5	2.05	22.3	17.0	2.28	20.7	16.5	2.52
	80	72	27.2	13.2	1.87	25.7	12.8	2.08	24.1	12.4	2.31	22.3	11.9	2.56
	75	63	23.6	18.9	1.83	22.3	18.6	2.03	20.8	18.1	2.26	19.3	17.5	2.50

PDF2SE-X36K

O.D.T			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1200	80	62	32.7	32.4	2.81	31.1	31.1	3.09	29.3	29.5	3.40	27.6	27.4	3.75
	80	67	35.3	27.2	2.85	33.5	26.4	3.12	31.5	25.4	3.44	29.4	24.4	3.79
	80	72	37.7	22.2	2.88	39.6	23.0	2.62	41.2	23.7	2.39	42.6	24.4	2.18
	75	63	32.4	23.8	2.81	30.8	23.6	3.09	29.0	23.3	3.40	27.0	22.8	3.74
1350	80	62	33.5	33.9	2.91	31.8	32.3	3.19	30.2	30.4	3.50	28.4	28.4	3.86
	80	67	35.9	28.7	2.94	34.0	27.9	3.22	32.1	26.6	3.54	29.8	25.6	3.89
	80	72	38.3	23.2	2.98	40.1	24.0	2.72	41.8	24.7	2.49	43.3	25.3	2.27
	75	63	33.0	25.9	2.91	31.3	25.6	3.18	29.4	25.1	3.49	27.4	24.4	3.84
1500	80	62	34.1	34.9	3.03	32.6	33.1	3.31	30.9	30.9	3.63	29.1	29.1	3.98
	80	67	36.4	29.8	3.06	34.5	28.9	3.34	32.5	27.9	3.66	30.2	26.8	4.01
	80	72	38.8	24.0	3.10	40.6	24.9	2.84	42.4	25.6	2.62	43.9	26.3	2.39
	75	63	33.5	28.2	3.03	31.7	27.7	3.30	29.8	26.9	3.61	27.8	25.9	3.96

PDF2SE-X48K

O.D.T			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1500	80	62	48.9	27.5	3.97	46.3	26.4	4.30	43.4	25.1	4.66	40.3	23.4	5.07
	80	67	45.7	34.2	3.92	43.4	33.1	4.25	40.7	31.9	4.61	37.9	30.5	5.01
	80	72	48.9	27.5	3.97	46.3	26.4	4.30	43.4	25.1	4.66	40.3	23.8	5.07
	75	63	41.9	30.7	3.86	39.7	30.7	4.18	37.3	30.2	4.55	34.7	29.4	4.94
1650	80	62	49.5	28.4	4.12	46.8	27.3	4.45	43.9	26.0	4.81	40.7	24.6	5.22
	80	67	46.4	35.8	4.07	44.0	34.6	4.40	41.3	33.3	4.76	38.4	31.9	5.17
	80	72	49.5	28.4	4.12	46.8	27.3	4.45	43.9	26.0	4.81	40.7	24.6	5.22
	75	63	42.6	33.4	4.01	40.3	33.0	4.33	37.9	32.2	4.70	35.2	31.2	5.09
1800	80	62	50.1	29.3	4.30	47.3	28.1	4.63	44.4	26.8	4.99	41.1	25.3	5.40
	80	67	47.0	37.3	4.25	44.5	36.1	4.58	41.8	34.8	4.94	38.8	33.3	5.34
	80	72	50.1	29.3	4.30	47.3	28.1	4.63	44.4	26.8	4.99	41.1	25.3	5.40
	75	63	43.1	36.3	4.19	40.8	35.4	4.51	38.4	34.3	4.87	35.6	32.9	5.27

PDF2SE-X60K

O.D.T			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1600	80	62	52.0	47.2	4.70	49.4	45.7	5.18	46.6	44.0	5.69	43.5	41.7	6.26
	80	67	56.3	40.5	4.78	53.5	39.2	5.25	50.4	37.8	5.79	47.0	36.2	6.36
	80	72	61.5	33.0	4.87	58.2	31.8	5.35	54.5	30.5	5.88	50.7	29.0	6.46
	75	63	51.7	35.5	10.82	49.2	35.6	10.83	46.3	35.1	10.83	43.2	34.3	10.78
1800	80	62	53.2	50.1	4.94	50.6	48.4	5.42	47.7	46.5	5.94	44.5	44.5	6.51
	80	67	57.6	42.8	5.02	54.6	41.5	5.50	51.4	40.0	6.03	47.8	38.5	6.60
	80	72	62.1	34.6	5.11	59.0	33.3	5.59	55.4	31.8	6.12	51.6	30.3	6.70
	75	63	52.9	39.2	11.04	50.2	38.8	11.03	47.3	37.6	11.03	44.0	36.6	11.03
2000	80	62	54.4	52.5	5.24	51.7	50.6	5.71	48.6	48.6	6.23	45.7	45.7	6.82
	80	67	58.6	45.1	5.31	55.5	43.7	5.79	52.2	42.3	6.32	48.6	40.1	6.90
	80	72	63.2	36.0	5.40	59.9	34.7	5.88	56.2	33.2	6.41	52.3	31.6	6.99
	75	63	54.0	42.5	11.29	51.2	41.7	11.28	48.1	40.5	11.28	44.7	39.1	11.29

PDF2SE-X24K

OUTDOOR TEMPERATURE (Deg. F)

	Indoor T.	10			17			20			30			40			47			50			60		
CFM	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
700	60	11.1	2.01	1.62	13.5	2.40	1.65	14.5	2.56	1.66	17.8	3.09	1.70	21.2	3.59	1.73	23.6	3.93	1.76	24.6	4.07	1.77	27.9	4.53	1.81
	70	10.6	1.96	1.58	12.8	2.30	1.63	13.7	2.44	1.64	16.8	2.90	1.70	19.9	3.32	1.76	22.1	3.59	1.80	23.0	3.71	1.82	26.2	4.08	1.88
	80	10.0	1.87	1.57	12.0	2.18	1.61	12.9	2.31	1.64	15.7	2.71	1.70	18.6	3.08	1.77	20.6	3.32	1.82	21.5	3.42	1.84	24.4	3.74	1.91
800	60	11.2	1.97	1.66	13.6	2.36	1.69	14.6	2.52	1.70	18.0	3.05	1.73	21.4	3.56	1.77	23.8	3.90	1.79	24.9	4.04	1.80	28.3	4.51	1.84
	70	10.7	1.92	1.63	12.9	2.27	1.67	13.9	2.41	1.69	17.0	2.86	1.74	20.2	3.29	1.80	22.4	3.57	1.84	23.3	3.69	1.86	26.5	4.06	1.91
	80	10.1	1.84	1.60	12.2	2.15	1.65	13.0	2.28	1.68	16.0	2.68	1.75	18.9	3.05	1.82	21.0	3.29	1.87	21.9	3.39	1.89	24.8	3.71	1.96
900	60	11.3	1.95	1.71	13.7	2.33	1.73	14.8	2.50	1.74	18.2	3.02	1.77	21.7	3.53	1.80	24.1	3.88	1.82	25.1	4.03	1.83	28.6	4.50	1.86
	70	10.8	1.90	1.67	13.0	2.24	1.71	14.0	2.39	1.72	17.2	2.84	1.78	20.4	3.27	1.83	22.7	3.56	1.87	23.7	3.67	1.89	26.9	4.06	1.94
	80	10.2	1.82	1.64	12.3	2.13	1.69	13.2	2.25	1.72	16.1	2.65	1.79	19.1	3.01	1.86	21.2	3.25	1.91	22.1	3.35	1.93	25.0	3.67	2.00

PDF2SE-X36

OUTDOOR TEMPERATURE (Deg. F)

	Indoor T.	10			17			20			30			40			47			50			60		
CFM	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1200	60	16.0	2.11	2.22	19.5	2.50	2.28	20.9	2.66	2.31	25.8	3.17	2.39	30.8	3.64	2.48	34.2	3.95	2.54	35.7	4.08	2.56	40.6	4.49	2.65
	70	15.4	1.97	2.29	18.7	2.32	2.36	20.1	2.46	2.39	24.8	2.91	2.49	29.5	3.33	2.59	32.7	3.61	2.66	34.2	3.72	2.69	38.8	4.08	2.79
	80	14.8	1.82	2.38	17.9	2.14	2.46	19.3	2.27	2.49	23.7	2.68	2.60	28.2	3.06	2.70	31.3	3.30	2.78	32.7	3.40	2.81	37.1	3.73	2.92
1350	60	16.2	2.01	2.35	19.7	2.39	2.41	21.2	2.55	2.43	26.2	3.05	2.51	31.2	3.53	2.59	34.7	3.84	2.65	36.2	3.97	2.67	41.2	4.39	2.75
	70	15.6	1.88	2.42	18.9	2.23	2.49	20.3	2.37	2.52	25.1	2.82	2.61	29.9	3.24	2.70	33.2	3.51	2.77	34.6	3.63	2.80	39.4	4.00	2.89
	80	15.0	1.74	2.51	18.2	2.06	2.58	19.5	2.19	2.62	24.1	2.60	2.72	28.6	2.98	2.82	31.8	3.22	2.89	33.2	3.33	2.92	37.7	3.66	3.03
1500	60	16.3	1.91	2.50	19.8	2.28	2.55	21.4	2.43	2.58	26.4	2.92	2.65	31.5	3.38	2.73	35.1	3.69	2.78	36.6	3.82	2.80	41.7	4.24	2.88
	70	15.8	1.79	2.57	19.1	2.13	2.64	20.6	2.27	2.66	25.4	2.71	2.75	30.3	3.12	2.84	33.6	3.40	2.90	35.1	3.51	2.93	39.9	3.87	3.02
	80	15.2	1.67	2.66	18.4	1.97	2.73	19.8	2.10	2.76	24.4	2.49	2.86	29.0	2.87	2.96	32.2	3.11	3.03	33.6	3.21	3.06	38.2	3.54	3.16

PDF2SE-X48

OUTDOOR TEMPERATURE (Deg. F)

	Indoor T.	10			17			20			30			40			47			50			60		
CFM	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1500	60	22.4	1.88	3.49	26.6	2.24	3.48	28.5	2.40	3.48	34.5	2.92	3.46	40.6	3.45	3.45	44.9	3.83	3.44	46.7	3.99	3.43	52.8	4.53	3.42
	70	21.6	1.68	3.76	25.7	2.02	3.74	27.5	2.16	3.73	33.4	2.65	3.70	39.3	3.14	3.67	43.4	3.49	3.65	45.2	3.64	3.64	51.1	4.15	3.61
	80	21.1	1.52	4.05	25.0	1.83	4.02	26.7	1.96	4.01	32.4	2.40	3.96	38.1	2.85	3.92	42.1	3.17	3.88	43.8	3.31	3.87	49.4	3.79	3.83
1650	60	22.5	1.80	3.66	26.9	2.16	3.65	28.7	2.31	3.64	34.9	2.82	3.62	41.1	3.34	3.61	45.4	3.70	3.59	47.2	3.86	3.59	53.4	4.39	3.57
	70	21.8	1.63	3.92	26.0	1.96	3.90	27.8	2.10	3.89	33.8	2.57	3.86	39.7	3.05	3.82	43.9	3.39	3.80	45.7	3.54	3.79	51.7	4.03	3.76
	80	21.2	1.47	4.22	25.3	1.77	4.19	27.0	1.90	4.17	32.7	2.33	4.12	38.5	2.78	4.07	42.6	3.10	4.03	44.3	3.24	4.01	50.1	3.70	3.96
1800	60	22.6	1.71	3.86	27.0	2.05	3.85	28.9	2.20	3.84	35.1	2.69	3.82	41.4	3.19	3.81	45.8	3.54	3.79	47.7	3.69	3.79	54.0	4.20	3.77
	70	22.1	1.56	4.13	26.3	1.88	4.10	28.1	2.01	4.09	34.1	2.34	4.27	40.1	2.93	4.02	44.4	3.26	3.99	46.2	3.40	3.98	52.2	3.88	3.94
	80	21.4	1.42	4.42	25.5	1.70	4.38	27.2	1.83	4.36	33.0	2.13	4.54	38.9	2.68	4.25	42.9	2.99	4.21	44.7	3.12	4.20	50.5	3.57	4.14

PDF2SE-X60

OUTDOOR TEMPERATURE (Deg. F)

	Indoor T.	10			17			20			30			40			47			50			60		
CFM	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1600	60	31.5	2.50	3.70	36.8	2.80	3.86	39.1	2.92	3.92	46.7	3.30	4.14	54.2	3.64	4.36	59.5	3.86	4.52	61.8	3.95	4.59	69.3	4.22	4.81
	70	30.6	2.23	4.02	35.8	2.51	4.18	38.0	2.62	4.24	45.4	2.98	4.46	52.9	3.31	4.68	58.0	3.51	4.84	60.3	3.60	4.91	67.7	3.87	5.13
	80	30.1	2.02	4.37	35.2	2.28	4.53	37.3	2.38	4.59	44.5	2.70	4.82	51.7	3.00	5.05	56.8	3.19	5.21	58.9	3.27	5.28	66.1	3.52	5.51
1800	60	31.8	2.36	3.95	37.2	2.66	4.10	39.5	2.78	4.16	47.2	3.17	4.37	54.8	3.51	4.58	60.2	3.74	4.72	62.5	3.83	4.78	70.2	4.12	4.99
	70	30.9	2.13	4.27	36.2	2.41	4.41	38.5	2.52	4.47	46.0	2.88	4.68	53.5	3.21	4.89	58.7	3.42	5.03	61.0	3.51	5.09	68.5	3.79	5.30
	80	30.3	1.93	4.62	35.5	2.18	4.76	37.6	2.29	4.83	45.0	2.62	5.03	52.3	2.93	5.24	57.4	3.13	5.39	59.6	3.21	5.45	66.9	3.47	5.66
2000	60	31.8	2.19	4.26	37.3	2.48	4.41	39.7	2.60	4.47	47.5	2.98	4.67	55.3	3.33	4.87	60.8	3.55	5.01	63.2	3.65	5.07	71.0	3.94	5.28
	70	31.3	2.00	4.59	36.6	2.27	4.72	38.9	2.38	4.78	46.4	2.74	4.97	54.0	3.06	5.17	59.3	3.28	5.30	61.6	3.36	5.36	69.1	3.65	5.55
	80	30.6	1.82	4.93	35.8	2.07	5.07	38.0	2.17	5.12	45.4	2.50	5.32	52.8	2.81	5.51	58.0	3.01	5.64	60.2	3.09	5.70	67.6	3.36	5.89

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