




# Aire-Flo 12™ HEAT PUMP

If it's the best you seek when choosing a heat pump, evaluate factors such as quality, efficiency, comfort and performance. With years of field use, the features of the Aire-Flo 12™ heat pump have been finely-honed by customers, service technicians and engineers. Aire-Flo— a name backed by over 50 years of expertise in the industry.



# FEATURES

- Limited warranties: 5 year parts; 10 year compressor\*
- 12.0 SEER cooling efficiency  
7.2 HSPF heating efficiency
- Crankcase Heater (except scrolls) and accumulator factory installed
- Top discharge directs hot air and noise away from living area and foliage
- High quality condenser coil-copper tube with enhanced louvered fin for maximum heat transfer capability
- Compressor suction gauge port provided for low side pressure access
- Hinged control panel allows simple access to internal components
- Service valve gauge ports positioned to allow plenty of access room
- Heavy gauge, textured, pre-painted cabinet provides corrosion protection
- Easy access to electrical panels, pre-wired for easy hook-up
- Factory lubricated condenser fan motor
- ETL, ETLC approved and ARI listed
- EPA Energy Star Product 
- Uses efficient Scroll Compressors

## High Performance Copeland® Compressors

Durable Copeland compressors feature internal pressure relief valves and inherent thermal protection.



## Field Proven Time/Temperature Defrost System

The Texas Instrument defrost board, standard with short cycle protection, effectively keeps the unit defrosted with field selectable intervals of 30, 60 or 90 minutes.

## Bi-flow Liquid Line Filter Drier

A Parker bi-flow filter drier is installed in every Aire-Flo™ unit. This prevents moisture, which can damage the compressor, protecting the system in both heating and cooling modes.



## External Brass Service/Shut-off Valves

These Aeroquip® valves save refrigerant charge for safer operation, which reduces the need for system evacuation and allows servicing with reduced risk to the environment.



## Corrosion Protection

The Aire-Flo heat pump features a galvanized pre-painted cap and base.



## Reduced Noise

This is the result of low operating noise of the Copeland compressor, the enclosed fan motor and the Aire-Flo air management system.

## Quality You Can Trust

We use only quality components like Copeland, Honeywell®, Ranco, Aeroquip® and GE® – all leaders in the industry.

**COPELAND**  
**HONEYWELL**  
**GE MOTORS**  
**TEXAS INSTRUMENTS**  
**PARKER**

## UNIT DIMENSIONS

MODEL NUMBER	SQUARE BASE (INCHES)	HEIGHT (INCHES)
AFHEAT12B18	22 1/2 x 22 1/2	27 1/2
AFHEAT12B24	22 1/2 x 22 1/2	31 1/2
AFHEAT12B30	30 x 30	27 1/2
AFHEAT12B36	30 x 30	35 1/2
AFHEAT12B42	30 x 30	39 1/2
AFHEAT12B48	30 x 30	35 1/2
AFHEAT12B60	30 x 30	39 1/2



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\* See warranty certificate for details.

## AIRE-FLO 12™ SEER HEAT PUMPS

### FEATURES

- 12 SEER/up to 8.0 HSPF
- Limited warranties: 5 year covered parts; 10 year compressor\*
- Durable *Copeland* scroll compressors, with internal pressure relief valves (except AFHEAT12B18) and inherent thermal protection
- Bi-flow liquid line filter drier installed on every unit
- Accumulator standard
- Compressor short cycle protection standard
- Time/temperature defrost system with 30/60/90 selectable defrost intervals
- Compressor suction pressure gauge port standard
- Thermostatic expansion valve standard in heating mode
- Hinged control panel allows simple access to internal components
- Service valve gauge ports positioned to allow plenty of access room
- Charged for 15 feet of interconnecting tubing
- Vertical air discharge
- High quality Aire-Flo condenser coil-copper tube with enhanced louvered fin for greater heat transfer capability
- Factory lubricated condenser fan motor
- Heavy gauge, gray pre-painted cabinet provides corrosion protection
- Easy access to electrical panels, pre-wired for easy hook-up
- All units ETL/ETLC approved and ARI listed/certified

AIRE-FLO 12™ HEAT PUMP



### UNIT DIMENSIONS

MODEL NUMBER	SQUARE BASE (INCHES)	HEIGHT (INCHES)
AFHEAT12B18	22 1/2 x 22 1/2	27 1/2
AFHEAT12B24	22 1/2 x 22 1/2	33 1/2
AFHEAT12B30	30 x 30	27 1/2
AFHEAT12B36	30 x 30	35 1/2
AFHEAT12B42	30 x 30	39 1/2
AFHEAT12B48	30 x 30	27 1/2
AFHEAT12B60	30 x 30	35 1/2

OUTDOOR UNIT	INDOOR SECTION	AIRFLOW (SCFM)	NET COOLING CAPACITY* (BTUH)	SEER	NET HEATING CAPACITY (BTUH)	HSPF
AFHEAT12B18	DBP18AA+TXV	650	17,400	12.00	17,000	7.20
AFHEAT12B24	DBP24AA+TXV	800	22,800	12.00	22,800	7.50
AFHEAT12B30	DBP30BA+TXV	1050	29,200	12.00	29,000	7.50
AFHEAT12B36	DBP36BA+TXV	1200	35,200	12.00	34,600	7.50
AFHEAT12B42	DBP42CA+TXV	1400	42,000	12.00	41,500	7.50
AFHEAT12B48	DBP48DA+TXV	1500	47,000	12.00	48,000	8.00
AFHEAT12B60	DBP60DA+TXV	1900	58,000	12.00	59,000	8.00

Certified in accordance with the ARI Standard 210/240 certification program, which is based on ARI Standard 210/240.



# AIRE-FLO 12™ SEER HEAT PUMPS

MODEL NUMBER		AFHEAT12B18	AFHEAT12B24	AFHEAT12B30	AFHEAT12B36	AFHEAT12B42	AFHEAT12B48	AFHEAT12B60		
PHYSICAL DATA										
CONDENSER COIL	Face Area (ft²)	9.86	12.33	14.86	19.82	22.29	14.86	19.82		
	Tube / Fin Material	Grooved Cu / Al								
	Tube Diameter (in.)	3/8								
	No. of rows	1					2			
	Fins per inch	20								
CONDENSER FAN	Diameter (in.)	18			22					
	No. of blades	3								
	RPM	1100								
	Motor HP	1/10		1/5			1/4			
Liquid Line Connection (in.)		3/8								
Vapor Line Size Required (in.)		5/8		3/4			7/8		1-1/8*	
Vapor Line Connection (in.)		5/8		3/4			7/8			
ELECTRICAL DATA										
UNIT	Rated Voltage (Volts)	208-230								
	Phase	1								
	Frequency (Hz)	60								
COMPRESSOR	Rated Load Amps	10.0	11.4	15.0	17.9	20.0	21.4	32.1		
	Locked Rotor Amps	41.0	56.0	72.5	90.0	104.0	137.0	169.0		
FAN MOTOR	Full Load Amps	0.75		1.4			2.0			
	Locked Rotor Amps	1.4		2.4			3.4		4.3	
UNIT	Max. Fuse Size**	15	20	30	35	40	45	60		
	Min. Circuit Ampacity***	9.7	12.8	18.2	21.4	24.6	26.9	39.2		

\* Field supplied 7/8" to 1-1/8" adapter required. Use of 7/8" vapor line reduces performance approximately 3-4%

\*\* Time delay fuse/HACR Breaker

\*\*\* Refer to national Electrical Code (or Canadian Electrical Code) to determine wire size, fuse and disconnect size requirements

## ACCESSORIES

Unit Size	18	24	30	36	42	48	60	
High Pressure Switch	70L70							
Low Pressure Switch	70L72							
Short Cycle Protection	STANDARD FACTORY INSTALLED							
Crankcase Heater	70L84						70L83	
Sound Blanket	70L87			70L88				70L86
Hard Start Kit	70L80						70L79	
Outdoor Thermostat	70L93							
Fossil Fuel Kit	70L92							



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# EXPANDED PERFORMANCE DATA

## Expanded Ratings for AFHEAT12B42 CIG

MODEL: AFHEAT12B42 / DBP42CA+TXV

COOLING OPERATION

IDB*		OUTDOOR AMBIENT TEMPERATURE																												
		65					75					95					105					115								
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75				
80	Flow Rate	42.6	43.5	46.5	49.7	41.6	42.5	45.4	48.6	47.1	48.6	41.5	44.3	47.4	49.7	39.6	40.5	43.3	46.2	47.1	48.6	37.6	38.5	41.1	43.9	44.9	34.9	35.6	38.1	40.7
	MBh	0.89	0.88	0.88	0.51	0.92	0.86	0.70	0.53	0.89	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.58	1.00	0.95	0.78	0.56	0.58	
	Delta T	22	21	18	15	22	21	19	15	23	22	21	19	15	23	22	21	19	15	23	22	21	19	15	23	22	20	17	14	
	KW	3.24	3.30	3.40	3.50	3.46	3.53	3.64	3.75	3.64	3.75	3.66	3.74	3.85	3.97	3.84	3.92	4.04	4.16	4.04	4.16	3.99	4.07	4.20	4.33	4.12	4.21	4.34	4.48	
	AMPS	12.2	12.5	12.9	13.4	13.2	13.5	13.9	14.5	14.5	15.1	14.3	14.7	15.1	15.7	15.3	15.6	16.1	16.7	16.7	17.2	16.2	16.6	17.2	17.8	17.2	17.6	18.2	18.8	
	HI PR	140	150	159	165	157	169	178	186	178	192	202	211	203	218	230	240	228	246	259	270	252	271	286	299	274	286	299	299	
	LO PR	59	63	69	73	63	67	73	78	73	81	68	76	81	68	73	79	85	72	76	83	89	74	79	86	92	86	92	92	
	MBh	41.4	42.3	45.2	48.3	40.4	41.3	44.1	47.1	47.1	48.6	40.3	43.1	46.0	48.5	38.5	39.3	42.0	44.9	45.3	46.0	36.5	37.3	39.9	42.7	38.9	34.6	37.0	39.5	
	S/T	0.85	0.80	0.85	0.48	0.88	0.82	0.67	0.50	0.85	0.69	0.51	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.56	0.56	
	Delta T	23	22	19	15	23	22	19	16	23	22	22	22	19	16	23	22	20	16	23	22	22	22	19	15	22	21	18	14	
1400	Flow Rate	3.21	3.28	3.37	3.47	3.44	3.51	3.61	3.72	3.64	3.71	3.82	3.94	3.81	3.89	4.01	4.13	4.13	4.13	4.13	3.96	4.04	4.17	4.30	4.09	4.17	4.30	4.44		
	MBh	12.1	12.4	12.8	13.3	13.1	13.4	13.8	14.3	14.2	14.5	15.0	15.5	15.1	15.5	16.0	16.6	16.6	16.6	16.6	16.1	16.5	17.0	17.6	17.0	17.4	18.0	18.7		
	Delta T	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	250	269	284	296	284	296	296		
	KW	59	63	68	73	62	66	72	77	77	85	69	75	80	80	87	79	84	71	76	82	88	73	78	85	91	85	91	91	
	AMPS	38.2	39.0	41.7	44.5	37.3	38.1	40.7	43.5	43.5	36.4	37.2	39.7	42.5	35.5	36.3	38.8	41.4	33.7	34.5	36.8	39.4	31.2	31.9	34.1	36.5	36.5	36.5	36.5	
	HI PR	134	144	152	159	150	162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242	261	275	287	261	275	287	287	
	LO PR	57	61	66	70	60	64	70	74	74	63	67	73	77	66	70	76	81	69	73	80	69	73	85	71	76	83	88	88	
	MBh	48.3	44.2	46.3	49.4	42.3	43.2	45.2	48.2	48.2	41.3	42.1	44.1	47.1	40.3	41.1	43.0	45.9	45.9	46.6	47.2	38.3	39.0	40.9	43.6	35.5	36.2	37.9	40.4	
	S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	0.92	1.00	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76	
	Delta T	24	23	22	19	24	23	22	19	24	24	24	22	19	24	24	22	19	22	19	22	22	22	19	15	21	21	18	18	
1575	Flow Rate	3.26	3.32	3.42	3.52	3.49	3.56	3.66	3.78	3.69	3.77	3.88	4.00	3.87	3.95	4.07	4.20	4.20	4.20	4.20	4.02	4.11	4.23	4.37	4.15	4.24	4.37	4.51		
	MBh	12.4	12.6	13.0	13.5	13.3	13.6	14.1	14.6	14.4	14.4	14.8	15.3	15.8	15.4	15.8	16.3	16.9	16.4	16.8	16.4	16.8	17.3	18.0	17.3	17.7	18.3	19.0		
	Delta T	141	152	160	167	158	170	180	187	180	194	204	213	205	220	233	243	230	248	262	273	255	274	289	302	289	302	302	302	
	KW	60	64	70	74	63	67	74	78	78	66	70	76	81	69	74	80	86	72	77	84	72	77	84	90	75	80	87	93	
	AMPS	42.1	42.9	44.9	47.9	41.1	41.9	43.9	46.8	46.8	40.1	40.9	42.8	45.7	39.1	39.9	41.8	44.6	37.2	37.9	39.7	42.4	34.4	34.4	36.8	39.2	35.1	36.8	39.2	
	HI PR	141	152	160	167	158	170	180	187	180	194	204	213	205	220	233	243	230	248	262	273	255	274	289	302	289	302	302	302	
	LO PR	59	63	69	73	63	67	73	78	78	66	70	76	81	69	74	80	86	72	77	84	72	77	84	90	75	80	87	93	
	MBh	36.8	39.6	41.5	44.2	37.9	38.7	40.5	43.2	43.2	37.0	37.7	39.5	42.2	36.1	36.8	38.6	41.2	34.3	35.0	36.6	39.1	31.8	32.4	34.8	35.1	36.8	39.2	39.2	
	S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.77	0.63	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.98	0.88	1.00	0.98	1.00	0.98	0.72	1.00	0.98	0.72	0.72	
	Delta T	25	24	23	20	25	24	23	20	25	25	24	23	20	25	25	23	20	24	23	20	24	23	20	23	23	23	21	19	
1400	Flow Rate	3.24	3.30	3.40	3.50	3.46	3.53	3.64	3.75	3.66	3.74	3.85	3.97	3.84	3.92	4.04	4.16	4.16	4.16	4.16	3.99	4.07	4.20	4.33	4.12	4.21	4.34	4.48		
	MBh	12.2	12.5	12.9	13.4	13.2	13.5	13.9	14.5	14.3	14.3	14.7	15.1	15.7	15.3	15.6	16.1	16.7	16.7	17.2	16.6	17.2	17.8	17.8	17.2	17.6	18.2	18.8		
	Delta T	140	150	159	165	157	169	178	186	178	192	202	211	203	218	230	240	228	246	259	270	252	271	286	299	274	286	299	299	
	KW	59	63	69	73	63	67	73	78	73	65	69	76	81	68	73	79	85	72	76	83	89	74	79	86	92	86	92	92	
	AMPS	38.2	39.0	41.7	44.5	37.3	38.1	40.7	43.5	43.5	36.4	37.2	39.7	42.5	35.5	36.3	38.8	41.4	33.7	34.5	36.8	39.4	31.2	31.9	34.1	36.5	36.5	36.5	36.5	
	HI PR	134	144	152	159	150	162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242	261	275	287	261	275	287	287	
	LO PR	57	61	66	70	60	64	70	74	74	63	67	73	77	66	70	76	81	69	73	80	69	73	85	71	76	83	88	88	
	MBh	48.3	44.2	46.3	49.4	42.3	43.2	45.2	48.2	48.2	41.3	42.1	44.1	47.1	40.3	41.1	43.0	45.9	45.9	46.6	47.2	38.3	39.0	40.9	43.6	35.5	36.2	37.9	40.4	
	S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	0.92	1.00	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76	
	Delta T	24	23	22	19	24	23	22	19	24	24	24	22	19	24	24	22	19	22	19	22	22	22	19	15	21	21	18	18	
85	Flow Rate	3.26	3.32	3.42	3.52	3.49	3.56	3.66	3.78	3.69	3.77	3.88	4.00	3.87	3.95	4.07	4.20	4.20	4.20	4.20	4.02	4.11	4.23	4.37	4.15	4.24	4.37	4.51		
	MBh	12.4	12.6	13.0	13.5	13.3	13.6	14.1	14.6	14.4	14.4	14.8	15.3	15.8	15.4	15.8	16.3	16.9	16.4	16.8	16.4	16.8	17.3	18.0	17.3	17.7	18.3	19.0		
	Delta T	141	152	160	167	158	170	180	187	180	194	204	213	205	220	233	243	230	248	262	273	255	274	289	302	289	302	302	302	
	KW	60	64	70	74	63	67	74	78	78	66	70	76	81	69	74	80	86	72	77	84	72	77	84	90	75	80	87	93	
	AMPS	42.1	42.9	44.9	47.9	41.1	41.9	43.9	46.8	46.8	40.1	40.9	42.8	45.7	39.1	39.9	41.8	44.6	37.2	37.9	39.7	42.4	34.4	34.4	36.8	39.2	35.1	36.8	39.2	
	HI PR	141	152	160	167	158	170	180	187	180	194	204	213	205	220	233	243	230	248	262	273	255	274	289	302	289	302	302	302	
	LO PR	59	63	69	73	63	67	73	78	73	65	69	76	81	68	73	79	85	72	76	83	89	74	79	86	92	86	92	92	
	MBh	36.8	39.6	41.5	44.2	37.9	38.7	40.5	43.2	43.2	37.0	37.7	39.5	42.2	36.1	36.8	38.6	41.2	34.3	35.0	36.6	39.1	31.8	32.4	34.8	35.1	36.8	39.2	39.2	
	S/T	0.86	0.83	0.																										

# EXPANDED PERFORMANCE DATA

## Expanded Ratings for AFHEAT12B48 CLG

MODEL: AFHEAT12B48 / DBP48CA+TXV

COOLING OPERATION

IDB*   Flow Rate	75												85												95												105												115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1650	MBh	45.4	47.0	51.5	55.2	58.4	61.2	64.0	66.8	69.6	72.4	75.2	78.0	80.8	83.6	86.4	89.2	92.0	94.8	97.6	100.4	103.2	106.0	108.8	111.6	114.4	117.2	120.0	122.8	125.6	128.4	131.2	134.0	136.8	139.6	142.4	145.2	148.0	150.8	153.6	156.4	159.2	162.0	164.8	167.6	170.4	173.2	176.0	178.8	181.6	184.4	187.2	190.0	192.8	195.6	198.4	201.2	204.0	206.8	209.6	212.4	215.2	218.0	220.8	223.6	226.4	229.2	232.0	234.8	237.6	240.4	243.2	246.0	248.8	251.6	254.4	257.2	260.0	262.8	265.6	268.4	271.2	274.0	276.8	279.6	282.4	285.2	288.0	290.8	293.6	296.4	299.2	302.0	304.8	307.6	310.4	313.2	316.0	318.8	321.6	324.4	327.2	330.0	332.8	335.6	338.4	341.2	344.0	346.8	349.6	352.4	355.2	358.0	360.8	363.6	366.4	369.2	372.0	374.8	377.6	380.4	383.2	386.0	388.8	391.6	394.4	397.2	400.0	402.8	405.6	408.4	411.2	414.0	416.8	419.6	422.4	425.2	428.0	430.8	433.6	436.4	439.2	442.0	444.8	447.6	450.4	453.2	456.0	458.8	461.6	464.4	467.2	470.0	472.8	475.6	478.4	481.2	484.0	486.8	489.6	492.4	495.2	498.0	500.8	503.6	506.4	509.2	512.0	514.8	517.6	520.4	523.2	526.0	528.8	531.6	534.4	537.2	540.0	542.8	545.6	548.4	551.2	554.0	556.8	559.6	562.4	565.2	568.0	570.8	573.6	576.4	579.2	582.0	584.8	587.6	590.4	593.2	596.0	598.8	601.6	604.4	607.2	610.0	612.8	615.6	618.4	621.2	624.0	626.8	629.6	632.4	635.2	638.0	640.8	643.6	646.4	649.2	652.0	654.8	657.6	660.4	663.2	666.0	668.8	671.6	674.4	677.2	680.0	682.8	685.6	688.4	691.2	694.0	696.8	699.6	702.4	705.2	708.0	710.8	713.6	716.4	719.2	722.0	724.8	727.6	730.4	733.2	736.0	738.8	741.6	744.4	747.2	750.0	752.8	755.6	758.4	761.2	764.0	766.8	769.6	772.4	775.2	778.0	780.8	783.6	786.4	789.2	792.0	794.8	797.6	800.4	803.2	806.0	808.8	811.6	814.4	817.2	820.0	822.8	825.6	828.4	831.2	834.0	836.8	839.6	842.4	845.2	848.0	850.8	853.6	856.4	859.2	862.0	864.8	867.6	870.4	873.2	876.0	878.8	881.6	884.4	887.2	890.0	892.8	895.6	898.4	901.2	904.0	906.8	909.6	912.4	915.2	918.0	920.8	923.6	926.4	929.2	932.0	934.8	937.6	940.4	943.2	946.0	948.8	951.6	954.4	957.2	960.0	962.8	965.6	968.4	971.2	974.0	976.8	979.6	982.4	985.2	988.0	990.8	993.6	996.4	999.2	1002.0	1004.8	1007.6	1010.4	1013.2	1016.0	1018.8	1021.6	1024.4	1027.2	1030.0	1032.8	1035.6	1038.4	1041.2	1044.0	1046.8	1049.6	1052.4	1055.2	1058.0	1060.8	1063.6	1066.4	1069.2	1072.0	1074.8	1077.6	1080.4	1083.2	1086.0	1088.8	1091.6	1094.4	1097.2	1100.0	1102.8	1105.6	1108.4	1111.2	1114.0	1116.8	1119.6	1122.4	1125.2	1128.0	1130.8	1133.6	1136.4	1139.2	1142.0	1144.8	1147.6	1150.4	1153.2	1156.0	1158.8	1161.6	1164.4	1167.2	1170.0	1172.8	1175.6	1178.4	1181.2	1184.0	1186.8	1189.6	1192.4	1195.2	1198.0	1200.8	1203.6	1206.4	1209.2	1212.0	1214.8	1217.6	1220.4	1223.2	1226.0	1228.8	1231.6	1234.4	1237.2	1240.0	1242.8	1245.6	1248.4	1251.2	1254.0	1256.8	1259.6	1262.4	1265.2	1268.0	1270.8	1273.6	1276.4	1279.2	1282.0	1284.8	1287.6	1290.4	1293.2	1296.0	1298.8	1301.6	1304.4	1307.2	1310.0	1312.8	1315.6	1318.4	1321.2	1324.0	1326.8	1329.6	1332.4	1335.2	1338.0	1340.8	1343.6	1346.4	1349.2	1352.0	1354.8	1357.6	1360.4	1363.2	1366.0	1368.8	1371.6	1374.4	1377.2	1380.0	1382.8	1385.6	1388.4	1391.2	1394.0	1396.8	1399.6	1402.4	1405.2	1408.0	1410.8	1413.6	1416.4	1419.2	1422.0	1424.8	1427.6	1430.4	1433.2	1436.0	1438.8	1441.6	1444.4	1447.2	1450.0	1452.8	1455.6	1458.4	1461.2	1464.0	1466.8	1469.6	1472.4	1475.2	1478.0	1480.8	1483.6	1486.4	1489.2	1492.0	1494.8	1497.6	1500.4	1503.2	1506.0	1508.8	1511.6	1514.4	1517.2	1520.0	1522.8	1525.6	1528.4	1531.2	1534.0	1536.8	1539.6	1542.4	1545.2	1548.0	1550.8	1553.6	1556.4	1559.2	1562.0	1564.8	1567.6	1570.4	1573.2	1576.0	1578.8	1581.6	1584.4	1587.2	1590.0	1592.8	1595.6	1598.4	1601.2	1604.0	1606.8	1609.6	1612.4	1615.2	1618.0	1620.8	1623.6	1626.4	1629.2	1632.0	1634.8	1637.6	1640.4	1643.2	1646.0	1648.8	1651.6	1654.4	1657.2	1660.0	1662.8	1665.6	1668.4	1671.2	1674.0	1676.8	1679.6	1682.4	1685.2	1688.0	1690.8	1693.6	1696.4	1699.2	1702.0	1704.8	1707.6	1710.4	1713.2	1716.0	1718.8	1721.6	1724.4	1727.2	1730.0	1732.8	1735.6	1738.4	1741.2	1744.0	1746.8	1749.6	1752.4	1755.2	1758.0	1760.8	1763.6	1766.4	1769.2	1772.0	1774.8	1777.6	1780.4	1783.2	1786.0	1788.8	1791.6	1794.4	1797.2	1800.0	1802.8	1805.6	1808.4	1811.2	1814.0	1816.8	1819.6	1822.4	1825.2	1828.0	1830.8	1833.6	1836.4	1839.2	1842.0	1844.8	1847.6	1850.4	1853.2	1856.0	1858.8	1861.6	1864.4	1867.2	1870.0	1872.8	1875.6	1878.4	1881.2	1884.0	1886.8	1889.6	1892.4	1895.2	1898.0	1900.8	1903.6	1906.4	1909.2	1912.0	1914.8	1917.6	1920.4	1923.2	1926.0	1928.8	1931.6	1934.4	1937.2	1940.0	1942.8	1945.6	1948.4	1951.2	1954.0	1956.8	1959.6	1962.4	1965.2	1968.0	1970.8	1973.6	1976.4	1979.2	1982.0	1984.8	1987.6	1990.4	1993.2	1996.0	1998.8	2001.6	2004.4	2007.2	2010.0	2012.8	2015.6	2018.4	2021.2	2024.0	2026.8	2029.6	2032.4	2035.2	2038.0	2040.8	2043.6	2046.4	2049.2	2052.0	2054.8	2057.6	2060.4	2063.2	2066.0	2068.8	2071.6	2074.4	2077.2	2080.0	2082.8	2085.6	2088.4	2091.2	2094.0	2096.8	2099.6	2102.4	2105.2	2108.0	2110.8	2113.6	2116.4	2119.2	2122.0	2124.8	2127.6	2130.4	2133.2	2136.0	2138.8	2141.6	2144.4	2147.2	2150.0	2152.8	2155.6	2158.4	2161.2	2164.0	2166.8	2169.6	2172.4	2175.2	2178.0	2180.8	2183.6	2186.4	2189.2	2192.0	2194.8	2197.6	2200.4	2203.2	2206.0	2208.8	2211.6	2214.4	2217.2	2220.0	2222.8	2225.6	2228.4	2231.2	2234.0	2236.8	2239.6	2242.4	2245.2	2248.0	2250.8	2253.6	2256.4	2259.2	2262.0	2264.8	2267.6	2270.4	2273.2	2276.0	2278.8	2281.6	2284.4	2287.2	2290.0	2292.8	2295.6	2298.4	2301.2	2304.0	2306.8	2309.6	2312.4	2315.2	2318.0	2320.8	2323.6	2326.4	2329.2	2332.0	2334.8	2337.6	2340.4	2343.2	2346.0	2348.8	2351.6	2354.4	2357.2	2360.0	2362.8	2365.6	2368.4	2371.2	2374.0	2376.8	2379.6	2382.4	2385.2	2388.0	2390.8	2393.6	2396.4	2399.2	2402.0	2404.8	2407.6	2410.4	2413.2	2416.0	2418.8	2421.6	2424.4	2427.2	2430.0	2432.8	2435.6	2438.4	2441.2	2444.0	2446.8	2449.6	2452.4	2455.2	2458.0	2460.8	2463.6	2466.4	2469.2	2472.0	2474.8	2477.6	2480.4	2483.2	2486.0	2488.8	2491.6	2494.4	2497.2	2500.0	2502.8	2505.6	2508.4	2511.2	2514.0	2516.8	2519.6	2522.4	2525.2	2528.0	2530.8	2533.6	2536.4	2539.2	2542.0	2544.8	2547.6	2550.4	2553.2	2556.0	2558.8	2561.6	2564.4	2567.2	2570.0	2572.8	2575.6	2578.4	2581.2	2584.0	2586.8	2589.6	2592.4	2595.2	2598.0	2600.8	2603.6	2606.4	2609.2	2612.0	2614.8	2617.6	2620.4	2623.2	2626.0	2628.8	2631.6	2634.4	2637.2	2640.0	2642.8	2645.6	2648.4	2651.2	2654.0	2656.8	2659.6	2662.4	2665.2	2668.0	2670.8	2673.6	2676.4	2679.2	2682.0	2684.8	2687.6	2690.4	2693.2	2696.0	2698.8	2701.6	2704.4	2707.2	2710.0	2712.8	2715.6	2718.4	2721.2	2724.0	2726.8	2729.6	2732.4	2735.2	2738.0	2740.8	2743.6	2746.4	2749.2	2752.0	2754.8	2757.6	2760.4	2763.2	2766.0	2768.8	2771.6	2774.4	2777.2	2780.0	2782.8	2785.6	2788.4	2791.2	2794.0	2796.8	2799.6	2802.4	2805.2	2808.0	2810.8	2813.6	2816.4	2819.2	2822.0	2824.8	2827.6	2830.4	2833.2	2836.0	2838.8	2841.6	2844.4	2847.2	2850.0	2852.8	2855.6	2858.4	2861.2	2864.0	2866.8	2869.6	2872.4	2875.2	2878.0	2880.8	2883.6	2886.4	2889.2	2892.0	2894.8	2897.6	2900.4	2903.2	2906.0	2908.8	2911.6	2914.4	2917.2	2920.0	2922.8	2925.6	2928.4	2931.2	2934.0	2936.8	2939.6	2942.4	2945.2	2948.0	2950.8	2953.6	2956.4	2959.2	2962.0	2964.8	2967.6	2970.4	2973.2	2976.0	2978.8	2981.6	2984.4	2987.2	2990.0	2992.8	2995.6	2998.4	3001.2	3004.0	3006.8	3009.6	3012.4	3015.2	3018.0	3020.8	3023.6	3026.4	3029.2	3032.0	3034.8	3037.6	3040.4	3043.2	3046.0	3048.8	3051.6	3054.4	30

# EXPANDED PERFORMANCE DATA

## Expanded Ratings for AFHEAT12B48 CLG

MODEL: AFHEAT12B48 / DBP48CA+TXV

### COOLING OPERATION

		105															95															85															75															65															115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		OUTDOOR AMBIENT TEMPERATURE															95															85															75															65															115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
IDB*	Flow Rate	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991	4995	4999	5003	5007	5011	5015	5019	5023	5027	5031	5035	5039	5043	5047	5051	5055	5059	5063	5067	5071	5075	5079	5083	5087	5091	5095	5099	5103	5107	5111	5115	5119	5123	5127	5131	5135	5139	5143	5147	5151	5155	5159	5163	5167	5171	5175	5179	5183	5187	5191	5195	5199	5203	5207	5211	5215	5219	5223	5227	5231	5235	5239	5243	5247	5251	5255	5259	5263	5267	5271	5275	5279	5283	5287	5291	5295	5299	5303	5307	5311	5315	5319	5323	5327	5331	5335	5339	5343	5347	5351	5355	5359	5363	5367	5371	5375	5379	5383	5387	5391	5395	5399	5403	5407	5411	5415	5419	5423	5427	5431	5435	5439	5443	5447	5451	5455	5459	5463	5467	5471	5475



# EXPANDED PERFORMANCE DATA

## Expanded Ratings for AFHEAT12B60 CLG

MODEL: AFHEAT12B60 / DBP60DA+TXV

COOLING OPERATION

IDB*	Flow Rate	OUTDOOR AMBIENT TEMPERATURE																											
		65			75			85			95			105			115												
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
2100	MBH	55.0	58.1	63.6	67	59	54.7	58.7	62.1	66.5	71	59	53.4	55.4	60.6	-	52.1	54.0	59.2	-	49.5	51.3	56.2	67	59	63	67	71	
	S/T	0.70	0.58	0.41	-	0.73	0.61	0.42	-	0.74	0.62	0.43	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.67	0.46	-	0.80	0.67	0.47	-
	Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
	KW	4.37	4.46	4.59	-	4.68	4.78	4.92	-	4.96	5.06	5.22	-	5.20	5.31	5.47	-	5.20	5.31	5.47	-	5.41	5.52	5.69	-	5.59	5.71	5.88	-
	AMPS	16.1	16.5	17.0	-	17.4	17.8	18.4	-	18.9	19.3	20.0	-	20.2	20.7	21.3	-	20.2	20.7	21.3	-	21.5	22.0	22.7	-	22.7	23.3	24.1	-
	HI PR	133	143	151	-	149	161	170	-	170	183	193	-	183	208	220	-	183	208	220	-	218	234	247	-	241	259	273	-
	LO PR	56	60	66	-	60	63	69	-	62	66	72	-	62	66	72	-	65	69	76	-	68	73	79	-	71	75	82	-
	MBH	55.2	57.2	62.7	-	53.9	55.9	61.2	-	52.6	54.5	59.7	-	51.3	53.2	58.3	-	51.3	53.2	58.3	-	48.8	50.5	55.4	-	45.2	46.8	51.3	-
	S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.61	0.43	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-
	Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	KW	4.35	4.44	4.56	-	4.66	4.75	4.90	-	4.93	5.03	5.19	-	5.17	5.28	5.44	-	5.17	5.28	5.44	-	5.38	5.49	5.66	-	5.56	5.67	5.85	-
	AMPS	16.0	16.4	16.9	-	17.3	17.7	18.3	-	18.7	19.2	19.8	-	20.0	20.5	21.2	-	20.0	20.5	21.2	-	21.3	21.8	22.6	-	22.6	23.1	23.9	-
HI PR	132	142	150	-	148	160	169	-	169	182	192	-	169	182	192	-	182	207	218	-	216	233	246	-	239	257	271	-	
LO PR	56	60	65	-	59	63	69	-	62	66	71	-	62	66	71	-	65	69	75	-	68	72	79	-	70	75	81	-	
MBH	54.4	56.3	61.7	-	53.1	55.0	60.3	-	51.8	53.7	58.9	-	50.6	52.4	57.4	-	50.6	52.4	57.4	-	48.0	49.8	54.5	-	44.5	46.1	50.5	-	
S/T	0.65	0.54	0.37	-	0.67	0.56	0.39	-	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.74	0.62	0.43	-	
Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
KW	4.30	4.38	4.51	-	4.60	4.69	4.83	-	4.87	4.97	5.12	-	5.11	5.21	5.37	-	5.11	5.21	5.37	-	5.31	5.42	5.59	-	5.48	5.60	5.77	-	
AMPS	15.7	16.1	16.6	-	17.0	17.4	18.0	-	18.5	18.9	19.5	-	18.7	20.2	20.9	-	18.7	20.2	20.9	-	21.0	21.5	22.2	-	22.2	22.8	23.5	-	
HI PR	130	140	148	-	146	157	166	-	166	178	188	-	166	178	188	-	189	203	215	-	212	229	241	-	235	253	267	-	
LO PR	55	59	64	-	58	62	68	-	60	64	70	-	60	64	70	-	64	68	74	-	67	71	77	-	69	73	80	-	
1750	MBH	57.0	58.6	63.5	68.1	55.6	57.3	62.0	66.5	54.3	55.9	60.5	65.0	53.0	54.6	59.0	63.4	50.3	51.8	56.1	60.2	46.6	48.0	52.0	55.8				
	S/T	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.91	0.82	0.62	0.40				
	Delta T	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	10	20	19	15	10	19	17	14	10				
	KW	4.41	4.49	4.62	4.76	4.72	4.82	4.96	5.11	5.00	5.10	5.26	5.42	5.24	5.35	5.52	5.69	5.45	5.45	5.57	5.74	5.92	5.63	5.75	5.93				
	AMPS	16.2	16.6	17.2	17.8	17.5	18.0	18.5	19.2	19.0	19.5	20.2	20.9	20.3	20.8	21.5	22.4	21.7	22.2	22.9	23.8	23.8	22.9	23.5	24.3				
	HI PR	134	145	153	159	151	162	171	179	172	185	195	203	195	210	222	232	220	230	237	250	261	243	261	276				
	LO PR	57	61	66	71	60	64	70	74	63	67	73	77	66	70	76	81	69	79	80	85	85	71	76	83				
	MBH	55.1	57.8	62.5	67.1	54.8	56.4	61.1	65.6	53.5	55.1	59.6	64.0	52.2	53.7	58.2	62.4	49.6	51.1	55.3	59.3	45.9	47.3	51.2	54.9				
	S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38				
	Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10				
	KW	4.38	4.47	4.60	4.74	4.70	4.79	4.93	5.08	4.97	5.07	5.23	5.39	5.22	5.32	5.49	5.66	5.42	5.42	5.54	5.71	5.89	5.60	5.72	5.90				
	AMPS	16.1	16.5	17.0	17.7	17.4	17.8	18.4	19.1	18.9	19.4	20.0	20.8	20.2	20.7	21.4	22.2	21.5	22.0	22.8	23.6	23.6	22.8	23.4	24.1				
HI PR	134	144	152	158	150	161	170	178	170	183	194	202	194	209	221	230	218	235	248	259	241	260	274	286					
LO PR	57	60	66	70	60	64	69	74	62	66	72	77	65	69	76	81	68	79	80	85	85	71	75	82					
MBH	55.3	56.9	61.6	66.1	54.0	55.6	60.2	64.6	52.7	54.3	58.7	63.0	51.4	52.9	57.3	61.5	48.8	50.3	54.4	58.4	45.2	46.6	50.4	54.1					
S/T	0.74	0.66	0.50	0.32	0.76	0.68	0.52	0.33	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.84	0.75	0.57	0.37					
Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10					
KW	4.33	4.41	4.54	4.68	4.64	4.73	4.87	5.02	4.91	5.01	5.16	5.32	5.15	5.25	5.41	5.58	5.35	5.35	5.46	5.63	5.81	5.53	5.64	5.82					
AMPS	15.9	16.3	16.8	17.4	17.2	17.6	18.1	18.8	18.6	19.1	19.7	20.4	19.9	20.4	21.1	21.9	21.2	21.7	22.4	23.3	22.4	23.3	24.1	25.1					
HI PR	131	141	149	156	147	159	167	175	168	180	190	199	191	205	217	226	215	231	244	254	237	255	270	281					
LO PR	56	59	65	69	59	63	68	73	61	65	71	76	64	68	75	79	67	72	76	83	70	74	81	86					

NOTE: Shaded area is ACCA (TVA) conditions

Due to continuing improvements, specifications are subject to change without notice.

\*Entering Indoor Dry Bulb Temperature

# EXPANDED PERFORMANCE DATA

## Expanded Ratings for AFHEAT12B60 CLG

MODEL: AFHEAT12B60 / DBP60DA+TXU

COOLING OPERATION

IDB* Flow Rate	OUTDOOR AMBIENT TEMPERATURE																								
	65				75				85				95				105				115				
	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
2100	MBh	58.0	59.2	63.3	67.7	56.6	57.9	61.8	66.1	55.3	56.5	60.3	64.5	53.9	55.1	58.9	62.9	51.2	52.3	55.9	59.8	47.5	48.5	51.8	55.4
	S/T	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57
	Delta T	22	21	18	15	22	21	19	15	22	22	19	15	23	22	19	15	22	21	19	15	21	20	17	14
	KW	4.44	4.53	4.66	4.80	4.76	4.85	5.00	5.15	5.04	5.14	5.30	5.46	5.28	5.40	5.56	5.74	5.50	5.61	5.79	5.97	5.68	5.80	5.96	6.17
	AMPS	16.4	16.8	17.3	18.0	17.7	18.1	18.7	19.4	19.2	19.7	20.3	21.1	20.5	21.0	21.7	22.6	21.9	22.4	23.1	24.0	23.2	24.5	25.5	25.5
	HI PR	136	146	154	161	152	164	173	181	173	187	197	205	197	212	224	234	222	239	252	263	245	264	279	291
	LO PR	58	61	67	71	61	65	71	75	63	67	73	78	66	71	77	82	70	74	81	86	72	77	84	89
	MBh	57.1	58.4	62.4	66.7	55.8	57.0	60.9	65.1	54.5	55.6	59.5	63.6	53.1	54.3	58.0	62.0	50.5	51.6	55.1	58.9	46.8	47.8	51.0	54.6
	S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55
	Delta T	23	22	19	15	23	22	19	16	23	22	19	16	24	23	20	16	23	22	19	15	22	21	18	14
KW	4.42	4.50	4.63	4.77	4.73	4.83	4.97	5.12	5.01	5.11	5.27	5.43	5.26	5.37	5.53	5.71	5.47	5.58	5.76	5.94	5.65	5.77	5.95	6.14	
AMPS	16.3	16.7	17.2	17.8	17.6	18.0	18.6	19.3	19.1	19.6	20.2	21.0	20.4	20.9	21.6	22.4	21.7	22.2	23.0	23.9	23.0	24.4	25.3	25.3	
HI PR	135	145	153	160	151	163	172	179	172	185	196	204	196	211	223	232	221	237	251	261	244	262	277	289	
LO PR	57	61	66	71	60	64	70	75	63	67	73	78	66	70	77	82	69	74	80	85	71	76	83	88	
MBh	56.3	57.5	61.4	65.7	54.9	56.1	60.0	64.1	53.6	54.8	58.6	62.6	52.3	53.5	57.1	61.1	49.7	50.8	54.3	58.0	46.1	47.1	50.3	53.7	
S/T	0.81	0.76	0.62	0.46	0.84	0.78	0.64	0.48	0.86	0.80	0.65	0.49	0.88	0.83	0.68	0.50	0.92	0.86	0.70	0.52	0.93	0.87	0.71	0.53	
Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15	
KW	4.36	4.45	4.58	4.71	4.67	4.76	4.91	5.06	4.94	5.05	5.20	5.36	5.19	5.29	5.46	5.63	5.39	5.51	5.68	5.86	5.57	5.69	5.87	6.05	
AMPS	16.0	16.4	16.9	17.6	17.3	17.7	18.3	19.0	18.8	19.3	19.9	20.6	20.1	20.6	21.3	22.1	21.4	21.9	22.6	23.5	22.6	23.2	24.0	24.9	
HI PR	133	143	151	157	149	160	169	176	169	182	192	201	193	207	219	228	217	233	246	257	240	258	272	284	
LO PR	56	60	65	70	59	63	69	73	62	66	72	76	65	69	75	80	68	72	79	84	70	75	82	87	

2100	MBh	59.0	60.1	63.0	67.2	57.6	58.7	61.5	65.6	56.2	57.3	60.0	64.1	54.9	56.9	58.6	62.5	52.1	53.1	55.6	59.4	48.3	49.2	51.5	55.0	
	S/T	0.92	0.88	0.80	0.65	0.95	0.92	0.83	0.67	0.97	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
	Delta T	24	23	22	19	24	24	22	19	24	24	24	22	19	24	24	22	19	23	23	22	19	21	22	21	18
	KW	4.47	4.56	4.69	4.84	4.79	4.89	5.04	5.19	5.08	5.18	5.34	5.51	5.33	5.44	5.61	5.78	5.54	5.54	5.66	5.83	5.62	5.72	5.84	6.03	6.22
	AMPS	16.5	16.9	17.5	18.1	17.9	18.3	18.9	19.6	19.4	19.9	20.5	21.3	20.7	21.2	21.9	22.8	22.1	22.6	23.4	24.2	23.4	24.8	25.7	26.7	29.4
	HI PR	137	148	156	163	154	166	175	182	175	188	199	208	199	215	227	236	224	241	255	266	248	267	282	294	
	LO PR	58	62	68	72	61	65	71	76	64	68	74	79	67	71	78	83	70	82	87	87	73	77	84	90	
	MBh	58.1	59.2	62.0	66.2	56.8	57.9	60.6	64.6	55.4	56.5	59.2	63.1	54.1	55.1	57.7	61.6	51.4	52.3	54.8	58.5	47.6	48.5	50.8	54.2	
	S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.88	0.71
	Delta T	25	24	23	20	25	25	23	20	25	25	25	23	20	25	25	23	20	25	24	23	20	23	23	22	19
KW	4.45	4.54	4.67	4.81	4.77	4.86	5.01	5.16	5.05	5.15	5.31	5.48	5.30	5.41	5.58	5.75	5.51	5.62	5.80	5.99	5.69	5.81	6.00	6.19		
AMPS	16.4	16.8	17.4	18.0	17.7	18.2	18.8	19.5	19.3	19.7	20.4	21.2	20.6	21.1	21.8	22.6	21.9	22.5	23.2	24.1	23.2	24.6	25.5	26.5	29.2	
HI PR	136	147	155	161	153	165	174	181	174	187	198	206	198	213	225	235	223	240	253	264	246	265	280	292		
LO PR	58	61	67	71	61	65	71	75	63	67	74	78	67	71	77	82	70	82	87	86	72	77	84	89		
MBh	57.2	58.3	61.1	65.2	55.9	57.0	59.7	63.7	54.6	55.6	58.3	62.2	53.2	54.3	56.8	60.6	50.6	51.6	54.0	57.6	46.9	47.8	50.0	53.4		
S/T	0.85	0.82	0.74	0.60	0.88	0.85	0.76	0.62	0.90	0.90	0.87	0.78	0.63	0.93	0.89	0.81	0.66	0.96	0.93	0.84	0.68	0.97	0.94	0.85	0.69	
Delta T	25	25	24	20	26	25	24	21	26	26	25	24	21	26	26	24	21	26	25	24	21	24	23	22	19	
KW	4.39	4.48	4.61	4.75	4.71	4.80	4.94	5.10	4.98	5.08	5.24	5.40	5.23	5.34	5.50	5.67	5.43	5.55	5.72	5.91	5.61	5.73	5.91	6.10		
AMPS	16.2	16.6	17.1	17.7	17.5	17.9	18.5	19.2	19.0	19.4	20.1	20.8	20.3	20.8	21.5	22.3	21.6	22.1	22.8	23.7	22.9	24.2	25.1	26.1	28.7	
HI PR	134	144	152	159	150	162	171	178	171	184	194	203	195	209	221	231	219	236	249	260	242	260	275	287		
LO PR	57	60	66	70	60	64	70	74	62	66	72	77	65	70	76	81	69	73	80	85	71	76	82	88		

\*Entering Indoor Dry-Bulb Temperature. Due to continuing improvements, specifications are subject to change without notice.

NOTE: Shaded area = Rating conditions