



# Aire-Flo 10™ AIR CONDITIONER

**E**conomy, Quality, Comfort. All are crucial traits to consider when selecting your next air conditioner. Together they add up to value, the most critical requirement of all. The Aire-Flo 10™ air conditioner, backed by over 50 years of expertise, is proud to be a value leader in the industry.





# FEATURES

- Limited warranties:  
5 year covered parts;  
5 year compressor\*
- Heavy gauge, textured,  
pre-painted cabinet provides  
corrosion protection
- Vertical air discharge
- High quality condenser  
coil-copper tube with  
enhanced louvered  
fin for greater heat  
transfer capability
- Service valve gauge ports  
positioned to allow plenty  
of access room
- Hinged control panel allows  
simple access to internal  
components
- Easy access to electrical  
panels, pre-wired for easy  
hook-up
- Factory lubricated  
condenser fan motor
- ETL, ETLC approved  
and ART listed

\* See warranty certificate for details.

## High Performance Copeland® Compressors

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



## External Brass Service/ Shut-off Valves

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



## Liquid Line Filter Drier



The Air-Flo™ filter drier, installed in every unit, prevents moisture, which can damage the compressor.

## Corrosion Protection

The Aire-Flo 10™ air conditioner 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, Aeroquip® and GE® – all leaders in the industry.

**COPELAND**  
**HONEYWELL**  
**GE MOTORS**

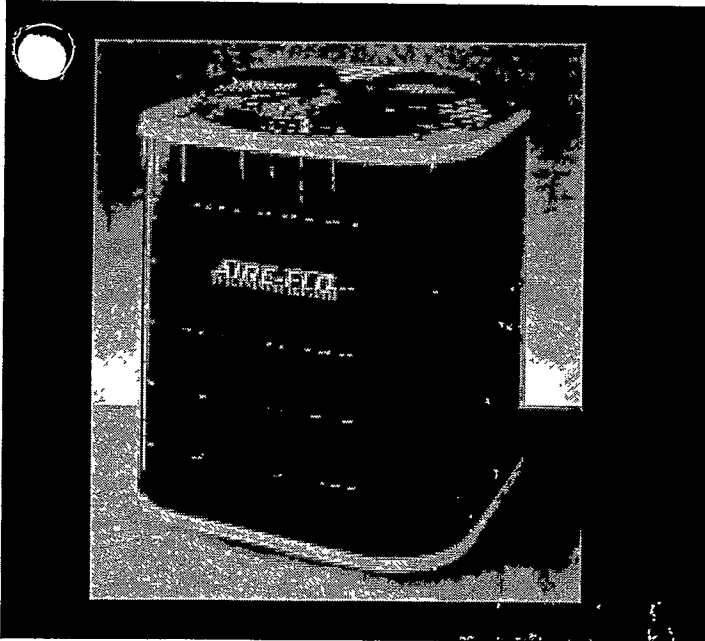
## UNIT DIMENSIONS

MODEL NUMBER	SQUARE BASE (INCHES)	HEIGHT (INCHES)
AFAIR10B18	22 1/2 x 22 1/2	23 1/2
AFAIR10B24	22 1/2 x 22 1/2	23 1/2
AFAIR10B30	22 1/2 x 22 1/2	23 1/2
AFAIR10B36	22 1/2 x 22 1/2	27 1/2
AFAIR10B42	30 x 30	23 1/2
AFAIR10B48	30 x 30	27 1/2
AFAIR10B60	30 x 30	27 1/2



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# AIRE-FLO 10™ SEER AIR CONDITIONERS



**AIRE-FLO 10™ AIR CONDITIONER**



## FEATURES

- Durable *Copeland* compressors, with internal pressure relief valves and inherent thermal protection
- High quality Aire-Flo condenser coil-copper tube with enhanced louvered fin for greater heat transfer capability
- Factory lubricated condenser fan motor
- Vertical air discharge
- All units run tested
- Heavy gauge, gray pre-painted cabinet provides corrosion protection
- Easy access to electrical panels, pre-wired for easy hook-up
- Hinged control panel allows simple access to internal components
- Service valve gauge ports positioned to allow plenty of access room
- Limited warranties: 5 year covered parts; 5 year compressor\*
- Liquid line filter drier installed in every unit
- All units ETL/ETLC approved and ARI listed/certified
- Charged for 15 feet of interconnecting tubing

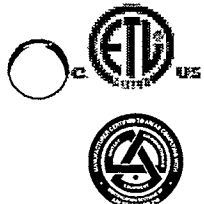
\*See warranty certificate for details.

## UNIT DIMENSIONS

MODEL NUMBER	SQUARE BASE (INCHES)	HEIGHT (INCHES)
AFAIR10B18	22 1/2 x 22 1/2	23 1/2
AFAIR10B24	22 1/2 x 22 1/2	23 1/2
AFAIR10B30-A	22 1/2 x 22 1/2	23 1/2
AFAIR10B36-B, AFAIR10B36TA	22 1/2 x 22 1/2	27 1/2
AFAIR10B42	30 x 30	23 1/2
AFAIR10B48	30 x 30	27 1/2
AFAIR10B60-A, AFAIR10B60TA	30 x 30	27 1/2
AFAIR10B60	30 x 30	27 1/2

OUTDOOR UNIT	INDOOR SECTION	AIRFLOW (SCFM)	NET CAPACITY (BTUH/HR)	SEER (BTUH/WATF)
AFAIR10B18	DUP18AA	600	18,000	10.00
AFAIR10B24	DUP24AA	800	24,000	10.00
AFAIR10B30-A	DUP30AA	1000	29,400	10.00
AFAIR10B36-B, 36TA	DUP36BA	1200	35,000	10.00
AFAIR10B42	DUP42BA	1400	40,000	10.20
AFAIR10B48, 48T	DUP48CA	1650	45,500	10.00
AFAIR10B60-A, 60TA	DUP60CA	1800	58,500	10.00
AFAIR10B60, 60T	DUP60CA	1800	57,000	10.00

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



# AIRE-FLO 10™ SEER AIR CONDITIONERS

MODEL NUMBER		AFAIR10B 18	AFAIR10B 24	AFAIR10B 30-A	AFAIR10B 36-B, 36TA	AFAIR10B 42	AFAIR10B 48, 48T	AFAIR10B 60-A, 60TA	AFAIR10B 60, 60T				
<b>PHYSICAL DATA</b>													
CONDENSER COIL	Face Area (ft <sup>2</sup> )	8.19			9.83	12.36	14.83						
	Tube / Fin Material	Smooth CU/Al	Grooved CU/Al			Smooth CU/Al		Grooved /CU/Al	Smooth CU/Al				
	Tube Diameter (in.)	3/8											
	No. of rows	1											
CONDENSER FAN	Fins per inch	16	22	20	22	20	22						
	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							
<b>ELECTRICAL DATA</b>													
UNIT	Rated Voltage (Volts)	208-230											
	Phase	1		3	1	1	3	1	3	1	3		
	Frequency (Hz)	60											
COMPRESSOR	Rated Load Amps	9.6	10.9	13.6	16.1	10.0	19.0	20.4	14.0	30.7	19.6	28.6	17.2
	Locked Rotor Amps	49	56	76	82	70	105	102	91	135	105	170	124
FAN MOTOR	Full Load Amps	0.75			1.4	1.45							
	Locked Rotor Amps	1.4			3.0	3.8							
UNIT	Max. Fuse Size*	20	25	25	30	20	40	45	30	60	40	60	40
	Min. Circuit Ampacity**	12.8	14.4	16.6	19.8	13.5	25.2	26.9	18.9	38.9	25.7	37.2	22.9

\* Time delay fuse/HACR Breaker

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

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

## ACCESSORIES

Unit Size	18	24	30-A	36-B	36TA	42	48	48T	60-A	60TA	60	60T
High Pressure Switch	70L70											
Low Pressure Switch	70L71											
Short Cycle Protection	70L73											
Hard Start Kit	70L74	70L75	70L81		70L77	70L78		70L78		70L79		70L79
Crankcase Heater	70L82				70L82					70L83		
Sound Blanket	70L85						70L89			70L86		
Low Ambient Kit	70L90											

Shading means not available or factory installed.



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# EXPANDED PERFORMANCE DATA

## Expanded Ratings for FAIR10B30-A

MODEL: FAIR10B30-A / DUP30AA (HA05)

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
70	MBh	27.6	28.6	31.3	33.5	26.9	27.9	30.6	32.7	26.3	27.2	29.8	31.8	25.6	26.6	29.1	31.1	24.3	25.2	27.6	29.6	23.6	24.6	27.0	29.0
	S/T	0.69	0.57	0.40	0.34	0.71	0.59	0.41	0.35	0.73	0.61	0.42	0.36	0.75	0.63	0.44	0.38	0.78	0.65	0.45	0.39	0.79	0.66	0.46	0.40
	Delta T	19	17	13	12	20	17	13	12	20	17	13	12	20	17	13	12	19	17	13	12	19	17	13	12
	KW	2.33	2.38	2.45	2.52	2.50	2.56	2.63	2.71	2.66	2.71	2.80	2.89	2.79	2.85	2.94	3.02	2.90	2.97	3.06	3.15	3.00	3.07	3.17	3.25
	AMPS	8.7	9.0	9.3	9.6	9.5	9.7	10.0	10.3	10.3	10.6	10.9	11.2	11.0	11.3	11.7	12.0	11.7	12.0	12.5	12.8	12.5	12.8	13.2	13.5
	HI PR	151	163	172	181	170	182	193	207	193	207	219	233	220	236	250	266	247	266	281	299	273	294	310	328
	LO PR	58	62	67	71	61	66	71	76	64	68	74	79	67	71	78	83	70	75	81	87	72	77	84	90
	MBh	28.0	29.0	31.8	34.0	27.3	28.3	31.0	33.1	26.7	27.6	30.3	32.4	26.0	27.0	29.5	31.6	24.7	25.6	28.1	30.2	22.9	23.7	26.0	28.0
	S/T	0.71	0.59	0.41	0.34	0.74	0.62	0.43	0.36	0.76	0.63	0.44	0.37	0.78	0.65	0.45	0.39	0.81	0.68	0.47	0.40	0.82	0.68	0.47	0.41
	Delta T	18	16	12	12	19	16	12	12	19	16	12	12	19	16	12	12	18	16	12	12	17	15	11	11
1000	KW	2.36	2.41	2.48	2.56	2.64	2.69	2.77	2.84	2.69	2.75	2.84	2.92	2.83	2.89	2.98	3.06	2.94	3.01	3.11	3.20	3.04	3.11	3.21	3.30
	AMPS	8.9	9.1	9.4	9.7	9.6	9.9	10.2	10.5	10.5	10.7	11.1	11.4	11.2	11.5	11.9	12.2	11.9	12.2	12.7	13.0	12.7	13.0	13.4	13.7
	HI PR	154	165	175	184	172	186	196	211	196	211	223	237	223	240	254	270	251	270	286	302	278	299	315	331
	LO PR	59	63	68	72	62	66	72	76	65	69	75	80	68	72	79	83	71	76	83	88	74	78	86	90
	MBh	28.4	29.4	32.2	34.4	27.7	28.7	31.5	33.6	27.1	28.1	30.7	32.8	26.4	27.4	30.0	32.1	25.1	26.0	28.5	30.6	23.2	24.1	26.4	28.4
	S/T	0.74	0.62	0.43	0.36	0.77	0.64	0.45	0.38	0.79	0.66	0.46	0.39	0.82	0.68	0.47	0.40	0.85	0.71	0.49	0.42	0.85	0.71	0.49	0.42
	Delta T	18	15	12	12	18	15	12	12	18	15	12	12	18	15	12	12	18	15	12	12	17	14	11	11
	KW	2.37	2.42	2.50	2.58	2.65	2.69	2.77	2.85	2.70	2.76	2.85	2.93	2.84	2.91	3.00	3.08	2.96	3.03	3.12	3.21	3.06	3.13	3.23	3.31
	AMPS	8.9	9.2	9.5	9.8	9.7	9.9	10.3	10.6	10.5	10.8	11.2	11.5	11.3	11.6	12.0	12.3	12.0	12.3	12.7	13.0	12.7	13.1	13.5	13.8
	HI PR	155	167	176	185	174	187	197	212	197	213	224	239	225	242	256	272	253	272	288	304	280	301	318	334
LO PR	59	63	69	73	63	67	73	77	65	69	76	80	68	73	80	84	72	76	83	87	74	79	86	90	
1100	MBh	28.0	28.8	31.2	33.5	27.4	28.2	30.5	32.7	26.7	27.5	29.8	32.0	26.1	26.9	29.2	31.4	25.5	26.3	28.6	30.8	24.9	25.7	28.0	30.2
	S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.76	0.58	0.37	0.88	0.78	0.60	0.39	0.89	0.79	0.61	0.40
	Delta T	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12
	KW	2.35	2.40	2.47	2.55	2.52	2.58	2.66	2.74	2.68	2.73	2.82	2.91	2.81	2.86	2.95	3.04	2.94	3.01	3.10	3.19	3.28	3.35	3.44	3.53
	AMPS	8.8	9.0	9.3	9.7	9.6	9.8	10.1	10.5	10.4	10.7	11.0	11.4	11.1	11.4	11.7	12.1	11.8	12.1	12.4	12.7	13.0	13.3	13.6	13.9
	HI PR	153	164	173	181	171	184	195	208	195	210	221	231	222	237	248	259	248	264	275	285	300	311	322	332
	LO PR	59	62	68	72	62	66	72	77	64	68	75	80	68	72	79	83	71	75	82	86	89	93	97	100
	MBh	28.4	29.3	31.7	34.0	27.8	28.6	31.0	33.2	27.1	27.9	30.2	32.4	26.5	27.3	29.6	31.8	26.0	26.8	29.1	31.3	25.5	26.3	28.6	30.8
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.79	0.61	0.40	0.90	0.80	0.62	0.41	0.91	0.81	0.63	0.42
	Delta T	21	19	16	11	21	20	16	11	21	20	16	11	22	21	17	12	22	21	17	12	22	21	17	12
1200	MBh	28.0	28.8	31.2	33.5	27.4	28.2	30.5	32.7	26.7	27.5	29.8	32.0	26.1	26.9	29.2	31.4	25.5	26.3	28.6	30.8	24.9	25.7	28.0	30.2
	S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.76	0.58	0.37	0.88	0.78	0.60	0.39	0.89	0.79	0.61	0.40
	Delta T	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12
	KW	2.35	2.40	2.47	2.55	2.52	2.58	2.66	2.74	2.68	2.73	2.82	2.91	2.81	2.86	2.95	3.04	2.94	3.01	3.10	3.19	3.28	3.35	3.44	3.53
	AMPS	8.8	9.0	9.3	9.7	9.6	9.8	10.1	10.5	10.4	10.7	11.0	11.4	11.1	11.4	11.7	12.1	11.8	12.1	12.4	12.7	13.0	13.3	13.6	13.9
	HI PR	153	164	173	181	171	184	195	208	195	210	221	231	222	237	248	259	248	264	275	285	300	311	322	332
	LO PR	59	62	68	72	62	66	72	77	64	68	75	80	68	72	79	83	71	75	82	86	89	93	97	100
	MBh	28.4	29.3	31.7	34.0	27.8	28.6	31.0	33.2	27.1	27.9	30.2	32.4	26.5	27.3	29.6	31.8	26.0	26.8	29.1	31.3	25.5	26.3	28.6	30.8
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.79	0.61	0.40	0.90	0.80	0.62	0.41	0.91	0.81	0.63	0.42
	Delta T	21	19	16	11	21	20	16	11	21	20	16	11	22	21	17	12	22	21	17	12	22	21	17	12

\*Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

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



# EXPANDED PERFORMANCE DATA

## Expanded Ratings for FAIR10B30-A

MODEL: FAIR10B30-A / DUP30AA (HA05)

### COOLING OPERATION

IDB*	Flow Rate	OUTDOOR AMBIENT TEMPERATURE																								
		75					85					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	MBH	28.5	29.1	31.1	33.3	35.5	28.5	29.1	31.1	33.3	35.5	28.5	29.1	31.1	33.3	35.5	28.5	29.1	31.1	33.3	35.5	28.5	29.1	31.1	33.3	35.5
	S/T	0.86	0.80	0.65	0.49	0.33	0.86	0.80	0.65	0.49	0.33	0.86	0.80	0.65	0.49	0.33	0.86	0.80	0.65	0.49	0.33	0.86	0.80	0.65	0.49	0.33
	Delta T	25	24	21	17	13	25	24	21	17	13	25	24	21	17	13	25	24	21	17	13	25	24	21	17	13
	KW	2.37	2.42	2.49	2.57	2.66	2.37	2.42	2.49	2.57	2.66	2.37	2.42	2.49	2.57	2.66	2.37	2.42	2.49	2.57	2.66	2.37	2.42	2.49	2.57	2.66
	AMPS	8.9	9.1	9.4	9.8	10.2	8.9	9.1	9.4	9.8	10.2	8.9	9.1	9.4	9.8	10.2	8.9	9.1	9.4	9.8	10.2	8.9	9.1	9.4	9.8	10.2
	HI PR	154	166	175	183	186	154	166	175	183	186	154	166	175	183	186	154	166	175	183	186	154	166	175	183	186
	LO PR	59	63	69	73	77	59	63	69	73	77	59	63	69	73	77	59	63	69	73	77	59	63	69	73	77
	MBH	29.0	29.6	31.6	33.8	36.0	29.0	29.6	31.6	33.8	36.0	29.0	29.6	31.6	33.8	36.0	29.0	29.6	31.6	33.8	36.0	29.0	29.6	31.6	33.8	36.0
	S/T	0.89	0.83	0.68	0.51	0.34	0.89	0.83	0.68	0.51	0.34	0.89	0.83	0.68	0.51	0.34	0.89	0.83	0.68	0.51	0.34	0.89	0.83	0.68	0.51	0.34
	Delta T	24	23	20	16	12	24	23	20	16	12	24	23	20	16	12	24	23	20	16	12	24	23	20	16	12
1000	KW	2.40	2.45	2.52	2.60	2.68	2.40	2.45	2.52	2.60	2.68	2.40	2.45	2.52	2.60	2.68	2.40	2.45	2.52	2.60	2.68	2.40	2.45	2.52	2.60	2.68
	AMPS	9.0	9.3	9.6	9.9	10.4	9.0	9.3	9.6	9.9	10.4	9.0	9.3	9.6	9.9	10.4	9.0	9.3	9.6	9.9	10.4	9.0	9.3	9.6	9.9	10.4
	HI PR	157	169	178	186	190	157	169	178	186	190	157	169	178	186	190	157	169	178	186	190	157	169	178	186	190
	LO PR	60	64	70	74	78	60	64	70	74	78	60	64	70	74	78	60	64	70	74	78	60	64	70	74	78
	MBH	29.4	30.0	32.1	34.3	36.5	29.4	30.0	32.1	34.3	36.5	29.4	30.0	32.1	34.3	36.5	29.4	30.0	32.1	34.3	36.5	29.4	30.0	32.1	34.3	36.5
	S/T	0.93	0.87	0.71	0.53	0.35	0.93	0.87	0.71	0.53	0.35	0.93	0.87	0.71	0.53	0.35	0.93	0.87	0.71	0.53	0.35	0.93	0.87	0.71	0.53	0.35
	Delta T	23	22	19	15	11	23	22	19	15	11	23	22	19	15	11	23	22	19	15	11	23	22	19	15	11
	KW	2.41	2.46	2.54	2.62	2.69	2.41	2.46	2.54	2.62	2.69	2.41	2.46	2.54	2.62	2.69	2.41	2.46	2.54	2.62	2.69	2.41	2.46	2.54	2.62	2.69
	AMPS	9.1	9.3	9.6	10.0	10.4	9.1	9.3	9.6	10.0	10.4	9.1	9.3	9.6	10.0	10.4	9.1	9.3	9.6	10.0	10.4	9.1	9.3	9.6	10.0	10.4
	HI PR	158	170	179	187	191	158	170	179	187	191	158	170	179	187	191	158	170	179	187	191	158	170	179	187	191
LO PR	61	64	70	75	79	61	64	70	75	79	61	64	70	75	79	61	64	70	75	79	61	64	70	75	79	
1100	MBH	29.0	29.6	31.0	33.0	35.0	29.0	29.6	31.0	33.0	35.0	29.0	29.6	31.0	33.0	35.0	29.0	29.6	31.0	33.0	35.0	29.0	29.6	31.0	33.0	35.0
	S/T	0.90	0.87	0.78	0.63	0.48	0.90	0.87	0.78	0.63	0.48	0.90	0.87	0.78	0.63	0.48	0.90	0.87	0.78	0.63	0.48	0.90	0.87	0.78	0.63	0.48
	Delta T	27	26	25	21	17	27	26	25	21	17	27	26	25	21	17	27	26	25	21	17	27	26	25	21	17
	KW	2.39	2.43	2.51	2.59	2.67	2.39	2.43	2.51	2.59	2.67	2.39	2.43	2.51	2.59	2.67	2.39	2.43	2.51	2.59	2.67	2.39	2.43	2.51	2.59	2.67
	AMPS	9.0	9.2	9.5	9.9	10.0	9.0	9.2	9.5	9.9	10.0	9.0	9.2	9.5	9.9	10.0	9.0	9.2	9.5	9.9	10.0	9.0	9.2	9.5	9.9	10.0
	HI PR	156	168	177	185	189	156	168	177	185	189	156	168	177	185	189	156	168	177	185	189	156	168	177	185	189
	LO PR	60	64	69	74	78	60	64	69	74	78	60	64	69	74	78	60	64	69	74	78	60	64	69	74	78
	MBH	29.5	30.0	31.4	33.5	35.6	29.5	30.0	31.4	33.5	35.6	29.5	30.0	31.4	33.5	35.6	29.5	30.0	31.4	33.5	35.6	29.5	30.0	31.4	33.5	35.6
	S/T	0.93	0.90	0.81	0.66	0.50	0.93	0.90	0.81	0.66	0.50	0.93	0.90	0.81	0.66	0.50	0.93	0.90	0.81	0.66	0.50	0.93	0.90	0.81	0.66	0.50
	Delta T	25	25	23	20	16	25	25	23	20	16	25	25	23	20	16	25	25	23	20	16	25	25	23	20	16
85	KW	2.42	2.47	2.54	2.62	2.69	2.42	2.47	2.54	2.62	2.69	2.42	2.47	2.54	2.62	2.69	2.42	2.47	2.54	2.62	2.69	2.42	2.47	2.54	2.62	2.69
	AMPS	9.1	9.4	9.7	10.0	10.5	9.1	9.4	9.7	10.0	10.5	9.1	9.4	9.7	10.0	10.5	9.1	9.4	9.7	10.0	10.5	9.1	9.4	9.7	10.0	10.5
	HI PR	158	170	180	188	191	158	170	180	188	191	158	170	180	188	191	158	170	180	188	191	158	170	180	188	191
	LO PR	61	65	71	75	79	61	65	71	75	79	61	65	71	75	79	61	65	71	75	79	61	65	71	75	79
	MBH	29.9	30.5	31.9	34.1	36.2	29.9	30.5	31.9	34.1	36.2	29.9	30.5	31.9	34.1	36.2	29.9	30.5	31.9	34.1	36.2	29.9	30.5	31.9	34.1	36.2
	S/T	0.97	0.94	0.85	0.69	0.52	0.97	0.94	0.85	0.69	0.52	0.97	0.94	0.85	0.69	0.52	0.97	0.94	0.85	0.69	0.52	0.97	0.94	0.85	0.69	0.52
	Delta T	24	24	23	20	16	24	24	23	20	16	24	24	23	20	16	24	24	23	20	16	24	24	23	20	16
	KW	2.43	2.48	2.56	2.64	2.71	2.43	2.48	2.56	2.64	2.71	2.43	2.48	2.56	2.64	2.71	2.43	2.48	2.56	2.64	2.71	2.43	2.48	2.56	2.64	2.71
	AMPS	9.2	9.4	9.7	10.1	10.5	9.2	9.4	9.7	10.1	10.5	9.2	9.4	9.7	10.1	10.5	9.2	9.4	9.7	10.1	10.5	9.2	9.4	9.7	10.1	10.5
	HI PR	159	172	181	189	193	159	172	181	189	193	159	172	181	189	193	159	172	181	189	193	159	172	181	189	193
LO PR	61	65	71	76	80	61	65	71	76	80	61	65	71	76	80	61	65	71	76	80	61	65	71	76	80	

\*Entering Indoor Dry-Bulb Temperature  
 NOTE: Shaded area is ARI Rating conditions  
 Due to continuing improvements, specifications are subject to change without notice.

# EXPANDED PERFORMANCE DATA

## Expanded Ratings for FAIR10B36-B

MODEL: FAIR10B36-B / DUP36BA (HA11)

COOLING OPERATION

IDB* Flow Rate		OUTDOOR AMBIENT TEMPERATURE																																		
		65					75					85					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	59	63	67	71	75					
70	MBh	30.7	31.9	34.9	37.1	39.1	30.4	31.4	34.1	36.3	38.3	29.3	30.4	33.3	35.5	37.7	28.6	29.6	32.5	34.7	36.9	27.2	28.2	30.8	32.9	35.1	25.2	26.2	28.6	30.6	32.6	23.2	24.2	26.6	28.6	30.6
	S/T	0.66	0.55	0.38	0.39	0.39	0.68	0.57	0.39	0.39	0.39	0.70	0.58	0.40	0.42	0.42	0.72	0.60	0.42	0.42	0.42	0.75	0.62	0.43	0.43	0.43	0.75	0.62	0.43	0.43	0.43	0.75	0.62	0.43	0.43	0.43
	Delta T	18	15	12	12	12	18	15	12	12	12	18	16	12	12	12	18	16	12	12	12	18	15	12	12	12	17	14	11	11	11	17	14	11	11	11
	KW	2.78	2.84	2.92	3.05	3.14	3.17	3.24	3.34	3.40	3.51	3.33	3.40	3.40	3.51	3.58	3.46	3.54	3.65	3.74	3.81	3.46	3.54	3.65	3.74	3.81	3.58	3.66	3.78	3.87	3.94	3.69	3.78	3.89	3.98	4.07
	AMPS	10.5	10.8	11.1	11.7	12.1	12.4	12.7	13.1	13.6	14.0	13.2	13.6	14.0	14.4	14.9	14.1	14.4	14.9	15.3	15.8	14.1	14.4	14.9	15.3	15.8	14.9	15.3	15.8	16.3	16.8	15.8	16.3	16.8	17.3	17.8
	HI PR	149	160	169	180	190	190	205	216	217	233	217	233	246	246	262	244	262	277	277	290	244	262	277	277	290	269	290	306	319	332					
	LO PR	55	58	63	67	71	60	64	70	73	77	63	67	73	77	81	66	70	77	77	83	66	70	77	77	83	68	73	79	84	89					
	MBh	33.3	34.5	37.8	39.9	41.1	31.7	32.9	36.1	38.2	40.3	31.0	32.1	35.2	37.3	39.4	29.4	30.5	33.4	35.5	37.6	27.8	28.9	31.8	33.9	36.0	25.3	26.4	29.3	31.4	33.5	23.3	24.4	27.3	29.4	31.5
	S/T	0.68	0.57	0.39	0.41	0.41	0.72	0.60	0.42	0.42	0.42	0.75	0.62	0.43	0.43	0.43	0.78	0.65	0.45	0.45	0.45	0.81	0.68	0.47	0.47	0.47	0.82	0.68	0.47	0.47	0.47	0.82	0.68	0.47	0.47	0.47
	Delta T	17	15	11	11	11	18	15	12	12	12	18	15	12	12	12	17	15	11	11	11	17	15	11	11	11	16	14	11	11	11	16	14	11	11	11
KW	2.85	2.91	2.99	3.12	3.22	3.25	3.31	3.42	3.48	3.60	3.41	3.48	3.60	3.67	3.79	3.55	3.63	3.74	3.81	3.88	3.58	3.66	3.78	3.85	3.92	3.70	3.78	3.91	4.00	4.09						
AMPS	10.8	11.1	11.5	12.0	12.4	12.7	13.0	13.5	14.0	14.4	13.6	14.0	14.4	14.8	15.2	14.5	14.9	15.4	15.8	16.3	14.5	14.9	15.4	15.8	16.3	15.4	15.8	16.3	16.8	17.3						
HI PR	154	165	175	185	195	195	211	223	223	240	223	240	254	254	270	251	270	286	286	302	251	270	286	286	302	278	299	315	331	347						
LO PR	56	60	65	69	73	62	66	72	75	81	65	69	75	79	84	68	72	79	79	85	68	72	79	79	85	70	75	82	87	92						
MBh	34.3	35.5	38.9	41.1	43.3	32.7	33.9	37.1	39.2	41.3	31.9	33.1	36.2	38.3	40.4	30.3	31.4	34.4	36.5	38.6	28.7	29.8	32.8	34.9	37.0	26.1	27.2	30.2	32.3	34.4						
S/T	0.71	0.60	0.41	0.43	0.43	0.76	0.63	0.44	0.44	0.44	0.78	0.65	0.45	0.45	0.45	0.81	0.68	0.47	0.47	0.47	0.82	0.68	0.47	0.47	0.47	0.82	0.68	0.47	0.47	0.47						
Delta T	17	14	11	11	11	17	15	11	11	11	17	15	11	11	11	17	15	11	11	11	17	15	11	11	11	16	14	11	11	11						
KW	2.87	2.93	3.02	3.15	3.25	3.27	3.34	3.45	3.51	3.62	3.44	3.51	3.62	3.69	3.80	3.58	3.66	3.78	3.85	3.92	3.70	3.78	3.91	4.00	4.09											
AMPS	10.9	11.2	11.6	12.1	12.5	12.9	13.2	13.6	14.1	14.6	13.7	14.1	14.6	15.0	15.5	14.6	15.0	15.5	16.0	16.5	15.5	15.9	16.4	16.9	17.4											
HI PR	155	167	176	187	198	198	213	225	225	243	226	243	256	256	273	254	273	288	288	305	254	273	288	288	305	280	302	319	336	353						
LO PR	57	61	66	70	74	62	66	73	77	83	66	70	76	80	86	69	73	80	80	86	69	73	80	80	86	71	76	83	89	95						
75	MBh	31.3	32.2	34.8	37.4	39.4	30.7	31.4	34.0	36.5	38.5	29.8	30.7	33.2	35.6	37.6	29.1	29.9	32.4	34.8	37.2	27.6	28.4	30.8	33.0	35.2	25.6	26.3	28.5	30.6	32.7					
	S/T	0.75	0.67	0.51	0.53	0.53	0.79	0.71	0.54	0.54	0.54	0.82	0.73	0.55	0.55	0.85	0.76	0.57	0.57	0.57	0.88	0.79	0.60	0.60	0.60	0.89	0.80	0.60	0.60	0.60						
	Delta T	20	19	15	11	11	21	19	16	16	16	21	19	16	16	21	19	16	16	16	21	19	16	16	16	19	18	14	10	10						
	KW	2.80	2.86	2.95	3.04	3.17	3.19	3.26	3.36	3.47	3.58	3.44	3.51	3.63	3.74	3.85	3.58	3.66	3.78	3.85	3.92	3.70	3.78	3.91	4.00	4.09										
	AMPS	10.6	10.9	11.2	11.7	12.1	12.5	12.8	13.2	13.7	14.2	13.4	13.7	14.2	14.6	15.0	14.5	15.0	15.5	16.0	16.5	15.1	15.5	16.0	16.5	17.0										
	HI PR	151	162	171	178	187	182	192	207	218	228	219	236	249	259	269	246	265	280	282	293	272	293	309	322	336										
	LO PR	55	59	64	68	72	61	64	70	75	81	64	68	74	79	84	67	71	77	77	83	69	73	80	85	90										
	MBh	33.9	34.9	37.7	40.5	43.3	32.3	33.2	36.0	38.6	41.2	31.5	32.4	35.1	37.7	40.3	29.9	30.8	33.3	35.8	38.3	27.7	28.5	30.9	33.2	35.5	25.6	26.3	28.5	30.6	32.7					
	S/T	0.77	0.69	0.52	0.54	0.54	0.82	0.74	0.56	0.56	0.56	0.85	0.76	0.57	0.57	0.88	0.79	0.60	0.60	0.60	0.89	0.80	0.60	0.60	0.60	0.89	0.80	0.60	0.60	0.60						
	Delta T	20	18	15	11	11	20	19	15	15	15	20	19	15	15	20	19	15	15	15	20	19	15	15	15	19	17	14	10	10						
KW	2.87	2.93	3.02	3.11	3.25	3.27	3.34	3.45	3.56	3.67	3.44	3.51	3.63	3.74	3.85	3.58	3.66	3.78	3.85	3.92	3.70	3.78	3.91	4.00	4.09											
AMPS	10.9	11.2	11.6	12.0	12.5	12.9	13.2	13.6	14.1	14.6	13.7	14.1	14.6	15.0	15.5	14.6	15.0	15.5	16.0	16.5	15.5	15.9	16.4	16.9	17.4											
HI PR	155	167	176	187	198	198	213	225	225	243	226	243	256	256	273	254	273	288	288	305	254	273	288	288	305	280	302	319	336	353						
LO PR	57	61	66	70	74	62	66	73	77	83	66	70	76	80	86	69	73	80	80	86	69	73	80	80	86	71	76	83	89	95						
1050	MBh	49.9	55.9	61.9	67.9	73.9	47.9	53.9	59.9	65.9	71.9	45.9	51.9	57.9	63.9	69.9	43.9	49.9	55.9	61.9	67.9	41.9	47.9	53.9	59.9	65.9	39.9	45.9	51.9	57.9	63.9					
	S/T	0.81	0.73	0.55	0.57	0.57	0.85	0.77	0.59	0.59	0.59	0.88	0.80	0.62	0.62	0.91	0.82	0.64	0.64	0.64	0.92	0.83	0.63	0.63	0.63	0.93	0.84	0.63	0.63	0.63						
	Delta T	19	18	15	11	11	20	18	15	15	15	20	18	15	15	20	18	15	15	15	20	18	15	15	15	18	17	14	9	9						
	KW	2.89	2.95	3.04	3.14	3.27	3.30	3.37	3.48	3.59	3.70	3.47	3.54	3.65	3.77	3.88	3.61	3.69	3.81	3.88	3.95	3.73	3.81	3.94	4.07	4.19										
	AMPS	11.0	11.3	11.7	12.1	12.5	13.0	13.3	13.7	14.3	14.9	14.2	14.7	15.3	15.8	16.4	15.1	15.7	16.3	16.8	17.4	16.3	16.9	17.5	18.1	18.7										
	HI PR	157	169	178	186	194	186	194	202	210	218	202	210	218	226	234	222	230	238	246	254	254	262	270	278	286										
	LO PR	57	61	66	70	74	63	67	73	77	83	66	70	76	80	86	69	73	80	80	86	69	73	80	80	86	71	76	83	89	95					
	MBh	59.9	65.9	71.9	77.9	83.9	57.9	63.9	69.9	75.9	81.9	55.9	61.9	67.9	73.9	79.9	53.9	59.9	65.9	71.9	77.9	51.9	57.9	63.9	69.9	75.9	49.9	55.9	61.9	67.9	73.9					
	S/T	0.81	0.73	0.55	0.57	0.57	0.85	0.77	0.59	0.59	0.59	0.88	0.80	0.62	0.62	0.91	0.82	0.64	0.64	0.64	0.92	0.83	0.63	0.63	0.63	0.93	0.84	0.63	0.63	0.63						
	Delta T	19	18	15	11	11	20	18	15	15</																										

# EXPANDED PERFORMANCE DATA

## Expanded Ratings for FAIR10B36-B

MODEL: FAIR10B36-B / DUP36BA (HA11)

COOLING OPERATION

IDB* Flow Rate		65										75										85										95										105										115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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		-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	5479	5483	5487	5491	5495



# EXPANDED PERFORMANCE DATA

## Expanded Ratings for AFAIR10B42

MODEL: AFAIR10B42 / DUP42AA (HA13)

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
70	MBh	35.1	35.4	39.9	39.0	34.3	35.6	39.0	38.0	33.5	34.7	38.0	37.1	32.7	33.9	37.1	36.2	31.0	32.2	35.2	34.3	28.8	29.8	32.7	31.8
	S/T	0.68	0.57	0.39	0.41	0.71	0.59	0.41	0.42	0.72	0.60	0.42	0.43	0.75	0.62	0.43	0.45	0.78	0.65	0.45	0.46	0.78	0.65	0.45	0.46
	Delta T	18	16	12	12	18	16	12	12	18	16	12	12	18	16	12	12	18	16	12	12	17	15	11	11
	KW	3.27	3.33	3.44	3.69	3.51	3.58	3.69	3.92	3.72	3.80	3.92	4.12	3.91	3.99	4.12	4.29	4.07	4.15	4.29	4.43	4.20	4.29	4.43	4.55
	AMPS	13.2	13.5	14.0	15.1	14.3	14.6	15.1	16.4	15.5	15.9	16.4	17.6	16.6	17.0	17.6	18.7	17.7	18.1	18.7	19.2	18.7	19.2	19.8	20.4
	HI PR	161	173	183	205	181	195	205	234	206	221	234	266	234	252	266	299	264	284	299	331	291	313	331	363
	LO PR	58	62	68	71	61	65	71	74	64	68	74	78	67	71	78	82	70	75	82	84	73	77	84	88
	MBh	38.1	39.4	43.2	42.2	37.2	38.5	42.2	41.2	36.3	37.6	41.2	40.2	35.4	36.7	40.2	39.3	33.6	34.9	38.2	37.3	31.2	32.3	35.4	34.5
	S/T	0.71	0.59	0.41	0.42	0.73	0.61	0.42	0.43	0.75	0.63	0.43	0.45	0.77	0.65	0.45	0.47	0.80	0.67	0.47	0.48	0.81	0.68	0.47	0.48
	Delta T	18	15	12	12	18	15	12	12	18	15	12	12	18	15	12	12	18	15	12	12	17	14	11	11
	KW	3.35	3.41	3.52	3.78	3.59	3.67	3.78	4.01	3.81	3.89	4.01	4.22	4.00	4.09	4.22	4.39	4.17	4.26	4.39	4.55	4.31	4.40	4.55	4.67
	AMPS	13.6	13.9	14.4	15.5	14.7	15.0	15.5	16.9	16.0	16.4	16.9	18.1	17.1	17.5	18.1	19.2	18.2	18.6	19.2	20.4	19.2	19.7	20.4	21.0
HI PR	166	179	189	212	186	201	212	241	212	228	241	274	241	260	274	309	272	292	309	341	300	323	341	373	
LO PR	60	64	70	74	63	67	74	77	66	70	77	80	69	74	80	84	73	77	84	87	75	80	87	91	
MBh	39.2	40.6	44.5	43.5	38.3	39.7	43.5	42.4	37.4	38.7	42.4	41.4	36.5	37.8	41.4	40.4	34.6	35.9	39.3	38.3	32.1	33.3	36.4	35.5	
S/T	0.74	0.62	0.43	0.44	0.77	0.64	0.44	0.46	0.79	0.66	0.46	0.47	0.81	0.68	0.47	0.49	0.84	0.70	0.49	0.50	0.85	0.71	0.49	0.50	
Delta T	17	15	11	11	17	15	11	11	17	15	11	11	17	15	11	11	17	15	11	11	16	14	10	10	
KW	3.37	3.44	3.54	3.81	3.62	3.70	3.81	4.05	3.84	3.92	4.05	4.25	4.04	4.12	4.25	4.43	4.20	4.29	4.43	4.58	4.34	4.44	4.58	4.70	
AMPS	13.7	14.0	14.5	15.7	14.8	15.2	15.7	17.0	16.1	16.5	17.0	18.2	17.2	17.6	18.2	19.4	18.3	18.8	19.4	20.6	19.4	19.9	20.6	21.2	
HI PR	168	181	191	214	188	203	214	243	214	230	243	277	244	262	277	312	274	295	312	344	303	326	344	376	
LO PR	61	64	70	74	64	68	74	77	67	71	77	81	70	74	81	85	73	78	85	88	76	81	88	92	
75	MBh	35.7	36.8	39.8	42.7	34.9	35.9	38.9	38.0	34.1	35.1	38.0	37.0	33.2	34.2	37.0	36.2	31.6	32.5	35.2	34.3	29.2	30.1	32.6	31.7
	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.56	0.82	0.74	0.56	0.57	0.85	0.76	0.57	0.60	0.88	0.79	0.60	0.62	0.89	0.79	0.60	0.62
	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	3.29	3.36	3.46	3.57	3.54	3.61	3.72	3.84	3.75	3.83	3.95	4.08	3.94	4.02	4.15	4.29	4.10	4.19	4.32	4.46	4.24	4.33	4.47	4.62
	AMPS	13.4	13.7	14.1	14.6	14.4	14.8	15.3	15.8	15.7	16.1	16.6	17.2	16.7	17.2	17.7	18.4	17.8	18.3	18.9	19.6	18.9	19.3	20.0	20.8
	HI PR	163	175	185	193	183	197	208	217	208	224	236	246	237	255	269	280	266	286	302	316	294	317	334	349
	LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	73	78	85	91
	MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	41.1	36.9	38.0	41.1	40.1	35.0	36.1	39.0	38.1	34.2	35.2	38.1	37.2	31.7	32.6	35.3	34.4
	S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.58	0.85	0.76	0.58	0.60	0.88	0.79	0.60	0.62	0.91	0.82	0.62	0.64	0.92	0.82	0.62	0.64
	Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	14	10
	KW	3.37	3.44	3.54	3.65	3.62	3.70	3.81	3.93	3.84	3.92	4.05	4.18	4.04	4.12	4.26	4.39	4.20	4.29	4.43	4.58	4.35	4.44	4.58	4.74
	AMPS	13.7	14.1	14.5	15.0	14.8	15.2	15.7	16.3	16.1	16.5	17.1	17.7	17.2	17.6	18.2	18.9	18.3	18.8	19.4	20.1	19.4	19.9	20.6	21.4
HI PR	168	181	191	199	188	203	214	223	214	230	243	254	244	263	277	289	274	295	312	325	303	326	345	359	
LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94	
MBh	38.9	41.0	44.4	47.7	38.9	40.1	43.4	46.6	38.0	39.1	42.4	45.5	37.1	38.2	41.3	44.4	35.2	36.3	39.3	42.1	32.6	33.6	36.4	35.5	
S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.61	0.89	0.80	0.61	0.63	0.92	0.83	0.62	0.64	0.96	0.86	0.65	0.67	0.97	0.86	0.65	0.67	
Delta T	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10	
KW	3.40	3.47	3.57	3.68	3.65	3.73	3.84	3.96	3.87	3.95	4.08	4.21	4.07	4.16	4.29	4.43	4.24	4.33	4.47	4.62	4.38	4.48	4.62	4.78	
AMPS	13.8	14.2	14.6	15.2	15.0	15.3	15.8	16.4	16.3	16.7	17.2	17.9	17.4	17.8	18.4	19.1	18.5	19.0	19.6	20.3	19.6	20.1	20.8	21.6	
HI PR	170	182	193	201	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	329	306	330	348	363	
LO PR	61	65	71	76	65	69	75	80	67	71	78	83	71	75	82	87	74	79	86	92	77	81	89	95	

\*Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

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



# EXPANDED PERFORMANCE DATA

## Expanded Ratings for AFAIR10B48

MODEL: AFAIR10B48 / DUP4BAA (HA15)

COOLING OPERATION

IDB* Flow Rate		OUTDOOR AMBIENT TEMPERATURE																								
		85					75					55														
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75										
1400	MBh	40.0	41.4	45.4	48.4	44.3	38.1	39.5	43.3	47.1	43.0	37.2	38.5	42.2	46.0	41.9	35.3	36.6	40.1	43.9	39.7	32.7	33.9	37.1	40.6	36.4
	ST	0.69	0.58	0.40	0.25	0.42	0.74	0.61	0.43	0.28	0.44	0.76	0.63	0.44	0.29	0.46	0.79	0.66	0.46	0.31	0.48	0.80	0.66	0.46	0.31	0.48
	Delta T	18	16	12	10	12	18	16	12	10	12	19	16	12	10	12	18	16	12	10	12	17	15	11	10	11
	KW	3.59	3.66	3.77	3.88	3.93	4.08	4.17	4.30	4.43	4.38	4.29	4.38	4.52	4.65	4.70	4.46	4.56	4.70	4.83	4.88	4.61	4.71	4.86	4.99	4.86
	AMPS	13.8	14.1	14.6	15.1	15.8	16.2	16.6	17.1	17.6	18.2	17.3	17.7	18.3	18.9	19.5	18.4	18.9	19.5	20.1	20.7	19.5	20.0	20.7	21.3	20.7
	HI PR	153	165	174	183	195	195	210	222	233	239	239	253	263	275	284	250	269	284	293	304	277	298	314	324	314
	LO PR	57	60	66	71	75	62	66	72	77	80	65	70	76	81	84	69	73	80	85	88	71	76	82	87	82
	MBh	43.3	44.9	49.2	53.0	48.0	41.3	42.8	46.9	50.7	46.6	40.3	41.7	45.7	49.6	45.5	38.3	39.6	43.4	47.3	43.2	35.4	36.7	40.2	44.1	39.9
	ST	0.72	0.60	0.42	0.27	0.43	0.76	0.64	0.44	0.29	0.45	0.79	0.66	0.46	0.31	0.48	0.82	0.68	0.47	0.32	0.49	0.82	0.69	0.48	0.33	0.50
	Delta T	17	15	11	9	12	18	15	12	10	12	18	15	12	10	12	17	15	11	10	11	16	14	11	10	11
KW	3.67	3.75	3.86	3.97	4.03	4.18	4.27	4.40	4.53	4.48	4.39	4.49	4.63	4.76	4.82	4.57	4.67	4.82	4.95	4.98	4.73	4.83	4.98	5.11	4.98	
AMPS	14.2	14.5	15.0	15.5	16.2	16.6	17.1	17.6	18.2	18.8	17.8	18.2	18.8	19.4	20.1	18.9	19.4	20.1	20.7	21.3	20.1	20.6	21.3	22.0	21.3	
HI PR	158	170	179	188	201	201	217	229	241	247	247	261	271	283	293	258	278	293	303	314	285	307	324	334	324	
LO PR	59	62	68	73	77	64	68	75	80	83	68	72	78	83	87	71	75	82	87	90	73	78	85	90	85	
MBh	43.7	45.3	49.6	53.4	48.5	41.7	43.2	47.3	51.1	47.0	40.7	42.2	46.2	50.0	45.9	38.6	40.0	43.9	47.8	43.7	35.8	37.1	40.6	44.5	40.4	
ST	0.73	0.61	0.42	0.28	0.44	0.78	0.65	0.45	0.30	0.46	0.80	0.67	0.46	0.32	0.49	0.83	0.70	0.48	0.33	0.50	0.84	0.70	0.49	0.34	0.51	
Delta T	16	14	11	9	11	17	14	11	9	11	17	14	11	9	11	16	14	11	10	11	15	13	10	9	10	
KW	3.68	3.76	3.87	3.98	4.03	4.19	4.28	4.41	4.54	4.49	4.40	4.50	4.64	4.77	4.83	4.58	4.68	4.83	4.96	4.99	4.74	4.84	5.00	5.13	5.00	
AMPS	14.2	14.6	15.0	15.5	16.3	16.7	17.1	17.7	18.3	18.9	17.8	18.3	18.9	19.5	20.1	19.0	19.5	20.1	20.7	21.3	20.1	20.6	21.3	22.0	21.3	
HI PR	158	170	180	189	202	202	217	230	243	248	230	248	261	275	294	259	279	294	308	325	286	308	325	342	325	
LO PR	59	62	68	73	77	64	68	75	80	83	68	72	79	84	88	71	75	82	87	90	73	78	85	90	85	
1400	MBh	40.6	41.8	45.3	48.6	44.2	38.7	39.9	43.2	46.3	42.2	37.8	38.9	42.1	45.2	41.1	35.9	37.0	40.0	43.9	39.7	33.3	34.2	37.1	40.6	36.4
	ST	0.79	0.70	0.53	0.34	0.55	0.84	0.75	0.57	0.36	0.58	0.86	0.77	0.58	0.39	0.61	0.90	0.80	0.61	0.42	0.63	0.90	0.81	0.61	0.42	0.63
	Delta T	21	19	16	14	16	21	20	16	14	16	21	20	16	14	16	21	20	16	14	16	20	18	15	14	15
	KW	3.62	3.69	3.80	3.92	4.08	4.21	4.20	4.33	4.47	4.38	4.32	4.41	4.55	4.70	4.65	4.50	4.59	4.74	4.89	4.83	4.65	4.75	4.90	5.06	4.90
	AMPS	13.9	14.2	14.7	15.3	15.9	16.3	16.7	17.3	17.9	18.5	17.5	17.9	18.5	19.2	19.7	18.6	19.0	19.7	20.4	20.9	19.7	20.2	20.9	21.7	21.7
	HI PR	155	166	176	183	197	197	205	212	224	234	225	242	255	266	272	253	272	287	300	309	279	301	318	331	331
	LO PR	57	61	67	71	75	63	67	73	78	80	66	70	77	82	86	69	74	81	86	90	72	76	83	89	89
	MBh	44.0	45.3	49.1	52.7	47.9	42.0	43.2	46.8	50.2	46.1	45.6	46.9	50.5	54.0	49.9	38.9	40.1	43.4	47.3	43.2	36.0	37.1	40.2	43.1	43.1
	ST	0.82	0.73	0.55	0.36	0.57	0.87	0.78	0.59	0.38	0.61	0.90	0.80	0.61	0.42	0.63	0.93	0.83	0.63	0.44	0.64	0.94	0.84	0.63	0.44	0.64
	Delta T	20	18	15	13	15	20	19	15	13	15	20	19	15	13	15	20	19	15	13	15	20	19	17	14	14
KW	3.70	3.78	3.89	4.01	4.18	4.31	4.22	4.30	4.44	4.35	4.43	4.52	4.67	4.82	4.77	4.61	4.71	4.86	5.02	4.87	4.77	4.87	5.03	5.19	5.19	
AMPS	14.3	14.6	15.1	15.7	16.4	16.8	17.2	17.8	18.5	19.0	18.0	18.4	19.0	19.7	20.3	19.1	19.6	20.3	21.0	20.8	20.3	20.8	21.5	22.3	22.3	
HI PR	159	172	181	189	203	203	219	231	241	251	232	249	263	275	281	261	281	296	309	318	288	310	327	341	341	
LO PR	59	63	69	73	77	65	69	75	80	82	68	73	79	84	88	71	76	83	88	92	74	79	86	91	91	
MBh	44.5	45.8	49.5	53.2	48.4	42.4	43.6	47.2	50.7	46.6	46.1	47.4	51.0	54.5	50.4	39.3	40.5	43.8	47.7	43.6	36.4	37.5	40.6	43.5	43.5	
ST	0.83	0.74	0.56	0.36	0.58	0.89	0.79	0.60	0.39	0.62	0.91	0.82	0.62	0.43	0.64	0.95	0.85	0.64	0.44	0.65	0.96	0.86	0.65	0.44	0.65	
Delta T	19	17	14	12	14	19	18	14	12	14	19	18	14	12	14	19	18	14	12	14	19	18	16	13	13	
KW	3.71	3.79	3.90	4.02	4.19	4.32	4.23	4.32	4.45	4.36	4.44	4.53	4.68	4.83	4.78	4.62	4.72	4.87	5.03	4.88	4.78	4.88	5.04	5.20	5.20	
AMPS	14.3	14.7	15.2	15.7	16.4	16.9	17.3	17.8	18.5	19.0	18.0	18.5	19.1	19.8	20.3	19.2	19.7	20.3	21.0	20.8	20.3	20.8	21.5	22.4	22.4	
HI PR	160	172	182	190	204	204	220	232	242	252	232	250	264	275	281	261	281	297	310	318	289	311	328	342	342	
LO PR	59	63	69	73	77	65	69	76	81	83	68	73	79	85	89	71	76	83	88	92	74	79	86	91	91	

NOTE: Shaded area is ACCA (TVA) conditions

\*Entering Indoor Dry Bulb Temperature

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

# EXPANDED PERFORMANCE DATA

## Expanded Ratings for FAIR10B48

MODEL: FAIR10B48 / DUP48AA (H1A1E)

### COOLING OPERATION

		65										75										85										95										105										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																																																								
IDB*	Flow Rate	ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																		
80	1400	MBh	41.4	42.3	45.1	48.3	40.4	41.3	44.1	47.1	39.4	40.3	43.0	46.0	36.5	37.3	39.9	42.6	33.9	34.6	37.0	39.5	41.4	42.3	45.1	48.3	40.4	41.3	44.1	47.1	39.4	40.3	43.0	46.0	36.5	37.3	39.9	42.6	33.9	34.6	37.0	39.5	41.4	42.3	45.1	48.3	40.4	41.3	44.1	47.1	39.4	40.3	43.0	46.0	36.5	37.3	39.9	42.6	33.9	34.6	37.0	39.5	41.4	42.3	45.1	48.3	40.4	41.3	44.1	47.1	39.4	40.3	43.0	46.0	36.5	37.3	39.9	42.6	33.9	34.6	37.0	39.5	41.4	42.3	45.1	48.3	40.4	41.3	44.1	47.1	39.4	40.3	43.0	46.0	36.5	37.3	39.9	42.6	33.9	34.6	37.0	39.5														
		S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.98	0.82	0.75	0.56	0.99	0.92	0.85	0.76	0.57	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.98	0.82	0.75	0.56	0.99	0.92	0.85	0.76	0.57	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.98	0.82	0.75	0.56	0.99	0.92	0.85	0.76	0.57	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.98	0.82	0.75	0.56	0.99	0.92	0.85	0.76	0.57	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.98	0.82	0.75	0.56	0.99	0.92	0.85	0.76	0.57				
	Delta T	23	22	20	16	24	23	20	16	24	23	20	16	24	24	23	20	16	24	23	20	16	24	23	22	20	16	24	23	20	16	24	23	20	16	24	24	23	20	16	24	23	20	16	24	24	23	20	16	24	23	22	20	16	24	23	20	16	24	23	20	16	24	24	23	20	16	24	23	20	16	24	24	23	20	16	24	23	22	20	16	24	23	20	16	24	23	20	16	24	24	23	20	16	24	23	20	16	24	24	23	20	16	24												
	KW	3.65	3.72	3.83	3.95	3.91	3.99	4.12	4.25	4.15	4.24	4.37	4.51	4.36	4.45	4.53	4.63	4.78	4.94	4.69	4.79	4.94	5.10	3.65	3.72	3.83	3.95	3.91	3.99	4.12	4.25	4.15	4.24	4.37	4.51	4.36	4.45	4.53	4.63	4.78	4.94	4.69	4.79	4.94	5.10	3.65	3.72	3.83	3.95	3.91	3.99	4.12	4.25	4.15	4.24	4.37	4.51	4.36	4.45	4.53	4.63	4.78	4.94	4.69	4.79	4.94	5.10	3.65	3.72	3.83	3.95	3.91	3.99	4.12	4.25	4.15	4.24	4.37	4.51	4.36	4.45	4.53	4.63	4.78	4.94	4.69	4.79	4.94	5.10	3.65	3.72	3.83	3.95	3.91	3.99	4.12	4.25	4.15	4.24	4.37	4.51	4.36	4.45	4.53	4.63	4.78	4.94	4.69	4.79	4.94	5.10					
	AMPS	14.0	14.4	14.9	15.4	15.2	15.5	16.1	16.7	16.5	16.9	17.5	18.1	17.6	18.1	18.7	19.4	19.9	20.6	20.4	21.1	21.9	22.8	14.0	14.4	14.9	15.4	15.2	15.5	16.1	16.7	16.5	16.9	17.5	18.1	17.6	18.1	18.7	19.4	19.9	20.6	20.4	21.1	21.9	22.8	14.0	14.4	14.9	15.4	15.2	15.5	16.1	16.7	16.5	16.9	17.5	18.1	17.6	18.1	18.7	19.4	19.9	20.6	20.4	21.1	21.9	22.8	14.0	14.4	14.9	15.4	15.2	15.5	16.1	16.7	16.5	16.9	17.5	18.1	17.6	18.1	18.7	19.4	19.9	20.6	20.4	21.1	21.9	22.8	14.0	14.4	14.9	15.4	15.2	15.5	16.1	16.7	16.5	16.9	17.5	18.1	17.6	18.1	18.7	19.4	19.9	20.6	20.4	21.1	21.9	22.8					
	HI PR	156	168	178	185	175	189	199	208	199	215	227	236	227	244	258	269	285	290	304	321	335	348	156	168	178	185	175	189	199	208	199	215	227	236	227	244	258	269	285	290	304	321	335	348	156	168	178	185	175	189	199	208	199	215	227	236	227	244	258	269	285	290	304	321	335	348	156	168	178	185	175	189	199	208	199	215	227	236	227	244	258	269	285	290	304	321	335	348	156	168	178	185	175	189	199	208	199	215	227	236	227	244	258	269	285	290	304	321	335	348					
	LO PR	58	62	67	72	61	65	71	76	64	68	74	79	67	71	76	83	74	81	72	77	84	90	58	62	67	72	61	65	71	76	64	68	74	79	67	71	76	83	74	81	72	77	84	90	58	62	67	72	61	65	71	76	64	68	74	79	67	71	76	83	74	81	72	77	84	90	58	62	67	72	61	65	71	76	64	68	74	79	67	71	76	83	74	81	72	77	84	90	58	62	67	72	61	65	71	76	64	68	74	79	67	71	76	83	74	81	72	77	84	90					
	MBh	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	43.2	46.2	36.7	37.5	40.0	42.8	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	43.2	46.2	36.7	37.5	40.0	42.8	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	43.2	46.2	36.7	37.5	40.0	42.8	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	43.2	46.2	36.7	37.5	40.0	42.8	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	43.2	46.2	36.7	37.5	40.0	42.8					
	S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	0.99	0.96	1.00	0.96	0.78	0.59	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	0.99	0.96	1.00	0.96	0.78	0.59	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	0.99	0.96	1.00	0.96	0.78	0.59	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	0.99	0.96	1.00	0.96	0.78	0.59	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	0.99	0.96	1.00	0.96	0.78	0.59					
	Delta T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	22	22	18	14	22	21	19	15	23	22	19	15	23	22	19	15	22	22	22	22	22	22	22	22	18	14	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	22	22	22	22	18	14	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	22	22	22	22	18	14	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	22	22	22	22	18
KW	3.74	3.82	3.93	4.05	4.02	4.10	4.23	4.36	4.26	4.35	4.49	4.63	4.48	4.57	4.72	4.87	4.66	4.76	4.82	4.92	5.08	5.25	3.74	3.82	3.93	4.05	4.02	4.10	4.23	4.36	4.26	4.35	4.49	4.63	4.48	4.57	4.72	4.87	4.66	4.76	4.82	4.92	5.08	5.25	3.74	3.82	3.93	4.05	4.02	4.10	4.23	4.36	4.26	4.35	4.49	4.63	4.48	4.57	4.72	4.87	4.66	4.76	4.82	4.92	5.08	5.25	3.74	3.82	3.93	4.05	4.02	4.10	4.23	4.36	4.26	4.35	4.49	4.63	4.48	4.57	4.72	4.87	4.66	4.76	4.82	4.92	5.08	5.25	3.74	3.82	3.93	4.05	4.02	4.10	4.23	4.36	4.26	4.35	4.49	4.63	4.48	4.57	4.72	4.87	4.66	4.76	4.82	4.92	5.08	5.25						
AMPS	14.5	14.8	15.3	15.9	15.6	16.0	16.6	17.2	17.0	17.4	18.0	18.7	18.2	18.6	19.3	20.0	19.4	19.8	20.5	21.0	21.7	22.6	14.5	14.8	15.3	15.9	15.6	16.0	16.6	17.2	17.0	17.4	18.0	18.7	18.2	18.6	19.3	20.0	19.4	19.8	20.5	21.0	21.7	22.6	14.5	14.8	15.3	15.9	15.6	16.0	16.6	17.2	17.0	17.4	18.0	18.7	18.2	18.6	19.3	20.0	19.4	19.8	20.5	21.0	21.7	22.6	14.5	14.8	15.3	15.9	15.6	16.0	16.6	17.2	17.0	17.4	18.0	18.7	18.2	18.6	19.3	20.0	19.4	19.8	20.5	21.0	21.7	22.6	14.5	14.8	15.3	15.9	15.6	16.0	16.6	17.2	17.0	17.4	18.0	18.7	18.2	18.6	19.3	20.0	19.4	19.8	20.5	21.0	21.7	22.6						
HI PR	162	174	184	191	181	195	206	215	206	222	234	244	235	253	267	278	284	284	300	314	332	346	162	174	184	191	181	195	206	215	206	222	234	244	235	253	267	278	284	284	300	314	332	346	162	174	184	191	181	195																																																																		



# EXPANDED PERFORMANCE DATA

## Expanded Ratings for AFAIR10B60-A

MODEL: AFAIR10B60-A / DUP60CA (HA79)

COOLING OPERATION

		85										95										105										115									
		OUTDOOR AMBIENT TEMPERATURE																																							
IDB* Flow Rate		75					85					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															
70	MBH	55.6	57.6	63.1	68.6	74.1	59	63	67	71	75	53.0	54.9	60.2	65.7	71.2	51.7	53.6	58.7	64.2	69.7	49.1	50.9	55.8	60.7	65.6	45.5	47.1	51.7	56.6	61.5										
	S/T	0.85	0.55	0.38	0.25	0.15	0.68	0.58	0.40	0.25	0.15	0.89	0.80	0.62	0.47	0.32	0.72	0.60	0.41	0.25	0.15	0.74	0.62	0.43	0.25	0.15	0.75	0.63	0.43	0.25	0.15										
	Delta T	19	17	13	10	7	19	17	13	10	7	19	17	13	10	7	19	17	13	10	7	19	17	13	10	7	18	16	12	9	6										
	KW	5.06	5.17	5.33	5.45	5.57	5.45	5.57	5.75	5.92	6.11	5.79	5.92	6.11	6.30	6.44	6.10	6.23	6.44	6.63	6.71	6.36	6.50	6.71	6.88	7.03	6.58	6.73	6.95	7.12	7.28										
	AMPS	19.5	19.9	20.6	21.0	21.6	21.0	21.6	22.3	23.4	24.2	22.9	23.4	24.2	25.0	25.9	24.4	25.0	25.9	26.6	27.6	26.0	26.7	27.6	28.2	29.2	27.6	28.3	29.2	30.5	31.5										
	HI PR	149	160	169	177	186	167	180	190	204	216	190	204	216	233	246	216	233	246	263	282	243	262	276	295	305	269	289	305	322	335										
	LO PR	56	60	65	69	74	59	63	69	75	80	62	66	72	78	84	65	69	75	81	87	68	72	79	85	91	70	75	82	88	94										
	MBH	58.1	58.2	63.7	69.2	74.7	54.8	56.8	62.3	67.8	73.3	53.5	55.5	60.8	66.3	71.8	52.2	54.1	59.3	64.8	70.3	49.6	51.4	56.3	61.8	67.3	45.9	47.6	52.2	57.7	63.2										
	S/T	0.66	0.55	0.38	0.25	0.15	0.68	0.57	0.40	0.25	0.15	0.70	0.59	0.41	0.25	0.15	0.72	0.60	0.42	0.25	0.15	0.75	0.63	0.43	0.25	0.15	0.76	0.63	0.44	0.25	0.15										
	Delta T	19	16	12	9	6	19	17	13	10	7	19	17	13	10	7	19	17	13	10	7	19	16	13	10	7	18	15	12	9	6										
2000	KW	5.11	5.22	5.39	5.51	5.63	5.51	5.63	5.81	6.00	6.18	5.86	5.98	6.18	6.37	6.51	6.16	6.30	6.51	6.71	6.88	6.43	6.57	6.79	6.95	7.12	6.65	6.80	7.03	7.19	7.35										
	AMPS	19.7	20.2	20.8	21.3	21.8	21.3	21.8	22.5	23.7	24.5	23.1	23.7	24.5	25.4	26.2	24.7	25.4	26.2	27.0	27.9	26.3	27.0	27.9	28.6	29.6	27.9	28.6	29.6	30.9	32.2										
	HI PR	151	162	171	179	188	169	182	192	207	219	192	207	219	236	249	219	236	249	266	280	246	265	280	298	309	272	288	309	322	335										
	LO PR	57	61	66	70	74	60	64	70	76	81	63	67	73	79	84	66	70	76	81	86	69	73	80	85	90	71	76	83	88	93										
	MBH	57.0	59.1	64.7	70.2	75.7	55.6	57.7	63.2	68.7	74.2	54.3	56.3	61.7	67.2	72.7	53.0	54.9	60.2	65.7	71.2	50.3	52.2	57.2	62.7	68.2	46.6	48.3	53.0	58.5	64.0										
	S/T	0.69	0.58	0.40	0.25	0.15	0.71	0.60	0.41	0.25	0.15	0.73	0.61	0.42	0.25	0.15	0.76	0.63	0.44	0.25	0.15	0.78	0.66	0.45	0.25	0.15	0.79	0.66	0.46	0.25	0.15										
	Delta T	18	16	12	9	6	18	16	12	9	6	18	16	12	9	6	18	16	12	9	6	18	16	12	9	6	17	15	11	8	5										
	KW	5.14	5.25	5.42	5.54	5.66	5.54	5.66	5.84	6.02	6.22	5.89	6.02	6.22	6.41	6.55	6.20	6.34	6.55	6.74	6.88	6.46	6.61	6.83	6.99	7.15	6.69	6.84	7.07	7.23	7.39										
	AMPS	19.8	20.3	21.0	21.4	22.0	21.4	22.0	22.7	23.9	24.7	23.3	23.9	24.7	25.5	26.4	24.9	25.5	26.4	27.2	28.1	26.5	27.2	28.1	28.8	29.8	28.1	28.8	29.8	31.2	32.6										
	HI PR	152	163	172	180	188	170	183	194	208	220	194	208	220	237	251	221	237	251	267	282	248	267	282	297	312	274	295	312	326	340										
LO PR	57	61	67	72	77	61	65	70	76	81	63	67	73	79	84	66	70	77	81	86	69	74	81	87	92	72	76	83	89	94											
75	MBH	58.5	58.2	63.0	67.8	72.6	55.2	56.8	61.5	66.0	70.5	53.9	55.5	60.0	64.4	68.6	52.6	54.1	58.6	62.9	67.1	49.9	51.4	55.7	59.7	63.6	46.3	47.6	51.6	55.3	59.0										
	S/T	0.74	0.66	0.50	0.32	0.20	0.77	0.69	0.52	0.34	0.21	0.79	0.71	0.63	0.44	0.28	0.81	0.73	0.55	0.35	0.21	0.85	0.76	0.57	0.37	0.21	0.85	0.76	0.58	0.37	0.21										
	Delta T	22	20	17	14	11	22	21	17	12	9	22	21	17	12	9	22	21	17	12	9	22	20	17	12	9	21	19	16	11	8										
	KW	5.10	5.21	5.37	5.55	5.69	5.49	5.61	5.79	5.98	6.16	5.84	5.97	6.16	6.37	6.51	6.15	6.28	6.49	6.71	6.88	6.41	6.55	6.77	7.00	7.15	6.63	6.78	7.01	7.25	7.49										
	AMPS	19.6	20.1	20.8	21.6	22.3	21.2	21.8	22.5	23.3	24.4	23.1	23.6	24.4	25.4	26.1	24.7	25.3	26.1	27.1	27.8	26.3	26.9	27.8	28.9	29.5	27.8	28.5	29.5	30.6	31.7										
	HI PR	150	162	171	178	186	169	181	192	200	218	192	206	218	227	248	218	235	248	259	271	246	264	279	291	302	271	292	309	322	335										
	LO PR	57	60	66	70	74	60	64	70	74	78	62	66	72	77	81	66	70	76	81	85	69	73	80	85	90	71	76	83	88	93										
	MBH	57.1	58.8	63.6	68.3	73.0	55.8	57.4	62.1	66.7	71.2	54.4	56.0	60.7	65.1	69.2	53.1	54.7	59.2	63.5	67.6	50.4	51.9	56.2	60.3	64.1	46.7	48.1	52.1	55.9	59.7										
	S/T	0.75	0.67	0.51	0.33	0.21	0.78	0.70	0.53	0.34	0.21	0.80	0.71	0.64	0.44	0.28	0.82	0.74	0.56	0.36	0.21	0.85	0.76	0.58	0.37	0.21	0.85	0.77	0.58	0.37	0.21										
	Delta T	22	20	17	14	11	22	20	17	12	9	22	20	17	12	9	22	21	17	12	9	22	20	17	11	8	21	19	16	11	8										
KW	5.15	5.26	5.43	5.61	5.77	5.55	5.67	5.86	6.05	6.23	5.91	6.04	6.23	6.44	6.56	6.22	6.35	6.56	6.79	6.95	6.48	6.63	6.85	7.08	7.23	6.71	6.86	7.09	7.33	7.57											
AMPS	19.9	20.4	21.0	21.8	22.5	21.5	22.0	22.7	23.6	24.7	23.4	23.9	24.7	25.7	26.5	25.0	25.6	26.5	27.5	28.2	26.6	27.3	28.2	29.2	29.9	28.2	28.9	29.9	31.0	32.1											
HI PR	152	164	173	180	188	171	184	194	202	221	194	209	221	230	251	221	238	251	262	274	249	268	283	295	306	275	296	313	326	339											
LO PR	58	61	67	71	75	61	65	71	75	79	63	67	73	78	82	66	71	77	82	86	70	74	81	86	90	72	77	84	89	94											
MBH	57.9	59.7	64.6	69.3	74.0	56.6	58.3	63.1	67.7	72.2	55.2	56.9	61.6	66.1	70.5	53.9	55.5	60.1	64.5	68.8	51.2	52.7	57.1	61.2	65.1	47.4	48.8	52.9	56.7	60.5											
S/T	0.76	0.70	0.53	0.34	0.22	0.81	0.73	0.55	0.35	0.22	0.83	0.74	0.66	0.46	0.29	0.86	0.77	0.58	0.37	0.22	0.89	0.80	0.60	0.39	0.22	0.90	0.80	0.61	0.39	0.22											
Delta T	21	19	16	13	10	21	19	16	11	8	21	19	16	11	8	21	20	16	11	8	21	19	16	11	8	20	18	15	10	7											
KW	5.18	5.29	5.46	5.64	5.81	5.58	5.71	5.89	6.08	6.27	5.94	6.07	6.27	6.48	6.60	6.25	6.39	6.60	6.83	6.99	6.52	6.66	6.89	7.12	7.28	6.75	6.90	7.13	7.38	7.63											
AMPS	20.0	20.5	21.2	21.9	22.6	21.6	22.2	22.9	23.8	24.9	23.5	24.1	24.9	25.8	26.6	25.1	25.8	26.6	27.6	28.4	26.8	27.4	28.4	29.4	30.1	28.4	29.1	30.1	31.2	32.3											
HI PR	153	165	174	182	190	172	185	195	204	222	196	211	222	232	253	222	240	253	264	274	251	270	285	297	308	277	298	315	328	341											
LO PR	58	62	67	72	77	61	65	71	76	81	64	68	74	79	84	67	71	78	83	87	70	75	81	87	92	72	77	84	89	94											

\*Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

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

