

OIL FIRED LOWBOY FURNACE SPECIFICATIONS

MODEL NO.	TLF1M087D948SA TLR1M087D948SA (BECKETT AFG)				TLF1M087D9V5SA [6] TLR1M087D9V5SA [6] (BECKETT AFG)			
HEATING CAPACITY	High Fire	Med-High Fire	Med-Low Fire [5]	Low Fire	High Fire	Med-High Fire	Med-Low Fire [5]	Low Fire
HEAT INPUT RATE (BTUH)	140,000	119,000	105,000	84,000	140,000	119,000	105,000	84,000
OUTPUT BTUH [1]	114,000	98,000	88,000	70,000	114,000	98,000	88,000	70,000
SEASONAL EFFICIENCY [2]	85.00%				85.00%			
LARGEST REC A/C	4 T				5 T			
NOMINAL TEMP RISE	70° F				70° F			
HEAT EXCHANGER AREA (SQ. FT.)	27.8 (front flue) / 30.0 (rear flue)				27.8 (front flue) / 30.0 (rear flue)			
CASING HEIGHT	41.5"				41.5"			
CASING WIDTH	22.25"				22.25"			
CASING DEPTH	47"				47"			
NOMINAL FLUE OUTLET DIA.	6"				6"			
APPROX SHIPPING WEIGHT (LBS)	300				300			
APPROVAL AGENCY	ETL				ETL			
QTY AND SIZE OF PERMANENT FILTERS	(2) 10" X 20"				(2) 10" X 20"			
ELECTRICAL REQUIREMENTS	120v / 60hz / 1ph				120v / 60hz / 1ph			
TOTAL CURRENT (AMPS)	11.2				14.6			
MAX FUSE SIZE (AMPS)	15				15			
HEIGHT FROM FLOOR TO CENTER OF FLUE	30.375"				30.375"			
SUPPLY AIR OUTLET SIZE	20" X 20"				20" X 20"			
RETURN AIR INLET SIZE	20" x 12.5"				20" x 12.5"			
	ACCESSORY ITEMS				ACCESSORY ITEMS			
BURNER FRESH AIR VENT KIT	AOPS7482				AOPS7482			
BLOCKED VENT KIT [4] FF / RF	AOPS2686				AOPS2686			

1 OUTPUT BTUH BASED ON ANNUAL FUEL UTILIZATION EFFICIENCY RATED BY MANUFACTURER.

2 SEASONAL EFFICIENCY (ALSO CALLED AFUE - ANNUAL FUEL UTILIZATION EFFICIENCY) RATINGS ARE BASED ON TESTS FOLLOWING U.S. DEPARTMENT OF ENERGY TEST PROCEDURES.

4 NOT TO BE USED IN SIDEWALL VENT APPLICATIONS, USE ONLY WHEN CHIMNEY VENTED.

5 AFUE RATINGS AS SHIPPED.

6 NOTE: ECM MOTOR PROGRAM WILL NOT SUPPORT TRANE ZONE SYSTEMS.

SEE NEXT PAGE FOR MORE DATA-

OIL FIRED HORIZONTAL/COUNTERFLOW FURNACE SPECIFICATIONS

MODEL NO.	TDF1M087C942SA (BECKETT AFG)			TDF1M087D9V5SA [6] (BECKETT AFG)		
	High Fire	Med Fire [5]	Low Fire	High Fire	Med Fire [5]	Low Fire
HEATING CAPACITY						
HEAT INPUT RATE (BTUH)	119,000	105,000	84,000	119,000	105,000	84,000
OUTPUT BTUH[1]	97,000	89,000	69,000	97,000	88,000	69,000
SEASONAL EFFICIENCY[2]	85.0%			85.0%		
LARGEST REC A/C	3.5 T			5 T		
NOMINAL TEMP RISE	70°	62°	70°	70°	62°	70°
HEAT EXCHANGER AREA (SQ. FT.)	27.8			27.8		
CASING HEIGHT	22.25" (in horizontal configuration, flue exits horizontally forward)			22.25" (in horizontal configuration, flue exits horizontally forward)		
	61.25" (in counterflow /vertical configuration)			61.25" (in counterflow /vertical configuration)		
CASING WIDTH	61.25" (in horizontal configuration)"			61.25" (in horizontal configuration)"		
	22.25" (in counterflow /vertical configuration)			22.25" (in counterflow /vertical configuration)		
CASING DEPTH	22.25"			22.25"		
NOMINAL FLUE OUTLET DIA.	6"			6"		
APPROX SHIPPING WEIGHT (LBS)	280			280		
APPROVAL AGENCY	ETL			ETL		
QTY AND SIZE OF PERMANENT FILTERS	NONE SUPPLIED			NONE SUPPLIED		
ELECTRICAL REQUIREMENTS	120v / 60hz / 1ph			120v / 60hz / 1ph		
TOTAL CURRENT (AMPS)	10.6			14.6		
MAX FUSE SIZE (AMPS)	15			20		
HEIGHT FROM FLOOR TO CENTER OF FLUE SIDE/TOP	11" (in horizontal configuration flue exits horizontally forward)			11" (in horizontal configuration flue exits horizontally forward)		
	30.5" (in counterflow /vertical configuration, flue exits horizontally)			30.5" (in counterflow /vertical configuration, flue exits horizontally)		
SUPPLY AIR OUTLET SIZE	16" X 16"			16" X 16"		
RETURN AIR INLET SIZE	16" X 16"			16" X 16"		
	ACCESSORY ITEMS			ACCESSORY ITEMS		
COMBUSTIBLE FLOOR BASE	BAYSUB10ABASEA			BAYSUB10ABASEA		
BURNER FRESH AIR VENT KIT	AOPS7482			AOPS7482		
BLOCKED VENT KIT[4]	AOPS2686			AOPS2686		

1 OUTPUT BTUH BASED ON ANNUAL FUEL UTILIZATION EFFICIENCY RATED BY MANUFACTURER.

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4 NOT TO BE USED IN SIDEWALL VENT APPLICATIONS, USE ONLY WHEN CHIMNEY VENTED.

5 AFUE RATINGS AS SHIPPED.

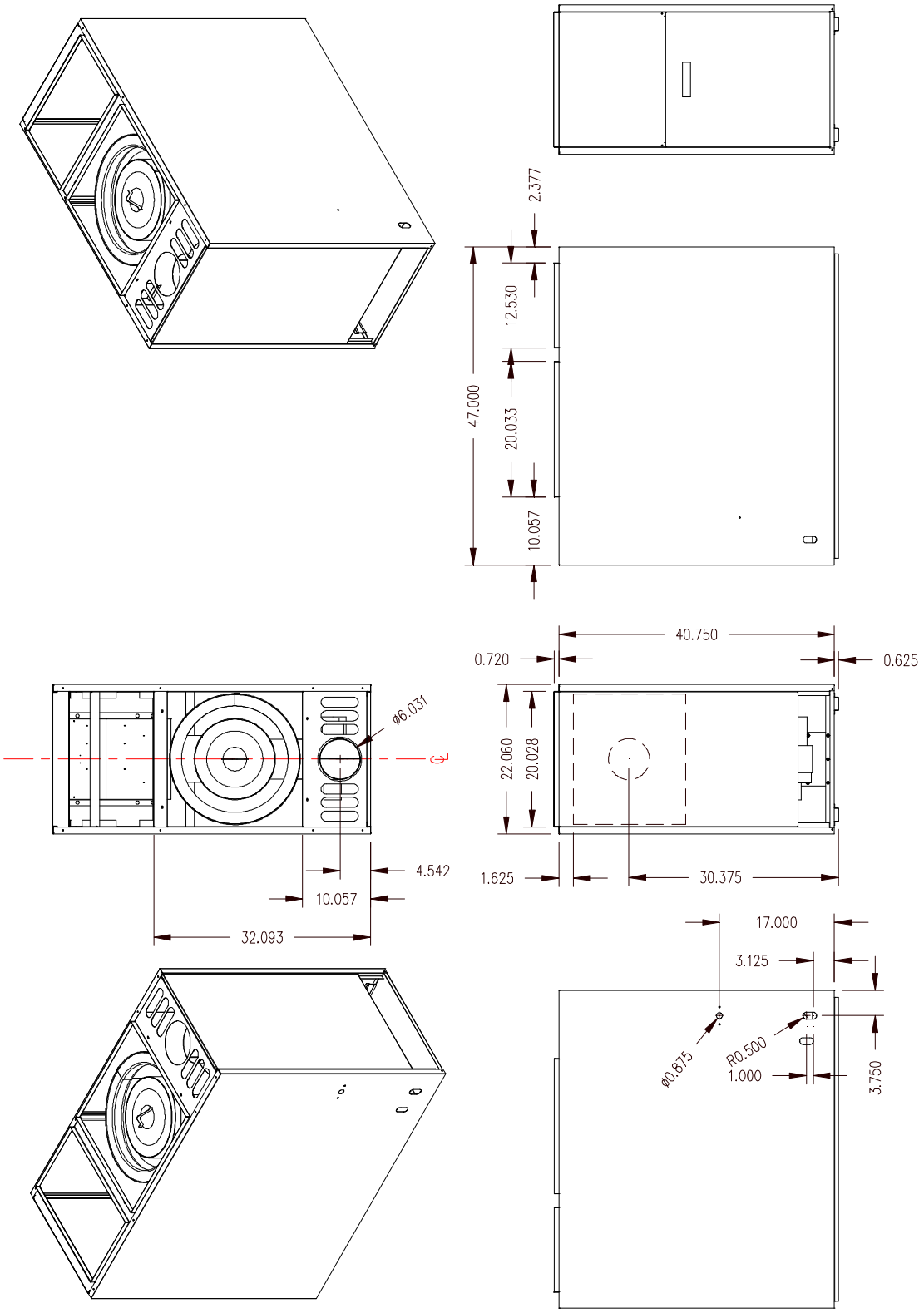
6 NOTE: ECM MOTOR PROGRAM WILL NOT SUPPORT TRANE ZONE SYSTEMS.

SEE NEXT PAGE FOR MORE DATA-

Model Number Digit	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Brand	Configuration	Flue	Heating Stages	Cabinet Width	Capacity	Capacity	Capacity	Major Modification	Voltage	Airflow Capacity for Cooling	Airflow Capacity for Cooling	Efficiency	Minor Modification
Oil Furnace Model Nomenclature	T	L	R	1	M	0	8	7	D	9	4	8	S	A
Example Model Numbers	T	D	F	1	M	0	8	7	D	9	V	5	S	A
T= Trane	T													
L = Lowboy, D = Downflow		L												
F = Front Flue, R = Rear Flue			R											
1= Single Stage				1										
Cabinet Width: M=22"					M									
Heating Output MBTUH (000's) – factory shipped						0	8	7						
Major Design Change									C					
Voltage (9= 115 Volts)										9				
Airflow: 42 = 3.5 Tons, 48 = 4 Tons											4	8		
Airflow: V5 = 5 Tons (Constant volume ECM)											V	5		
S= Standard Efficiency													S	
Minor Design Change														A

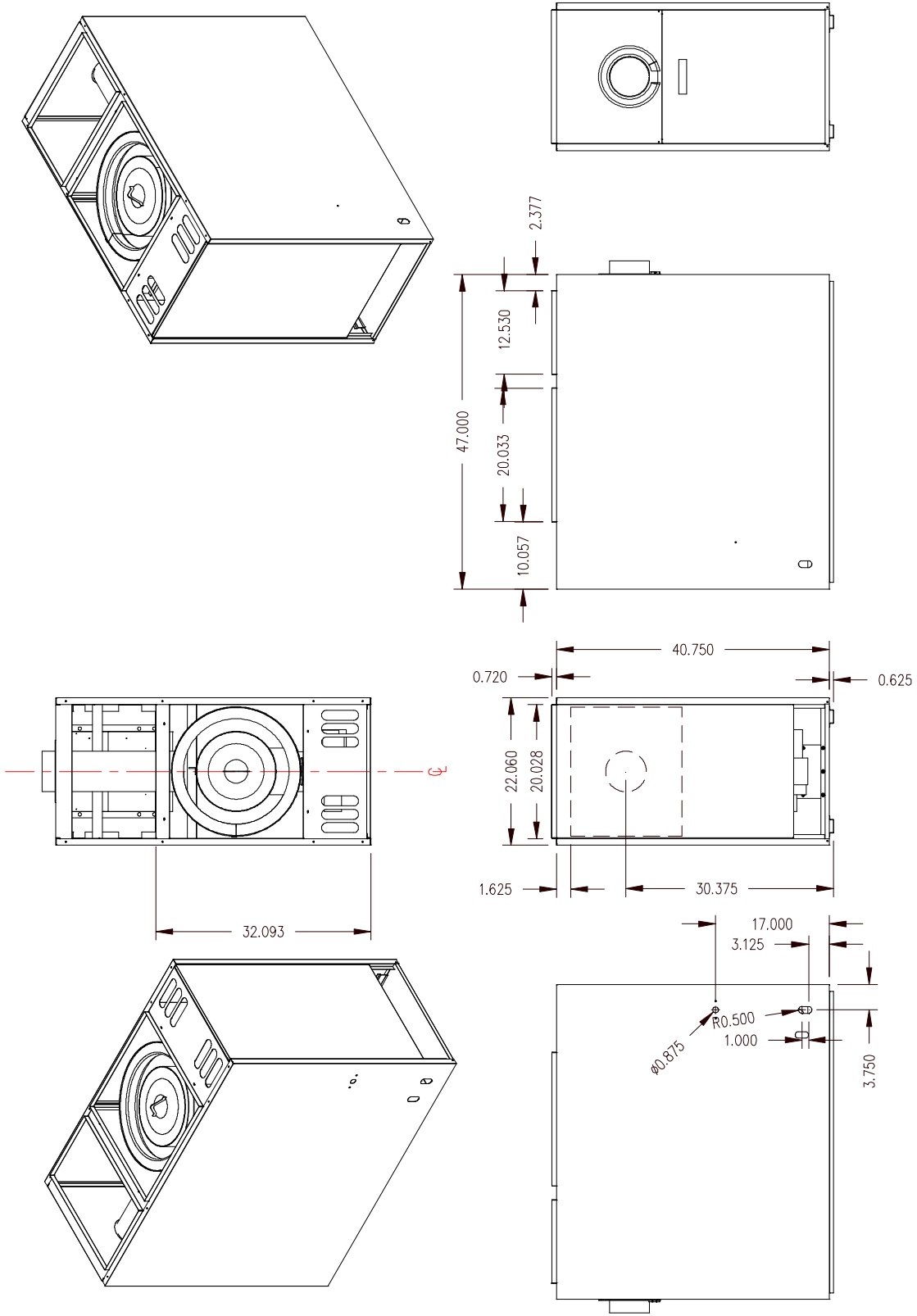
SEE NEXT PAGE FOR MORE DATA-

OIL FIRED LOWBOY FRONT FLUE FURNACE SPECIFICATIONS



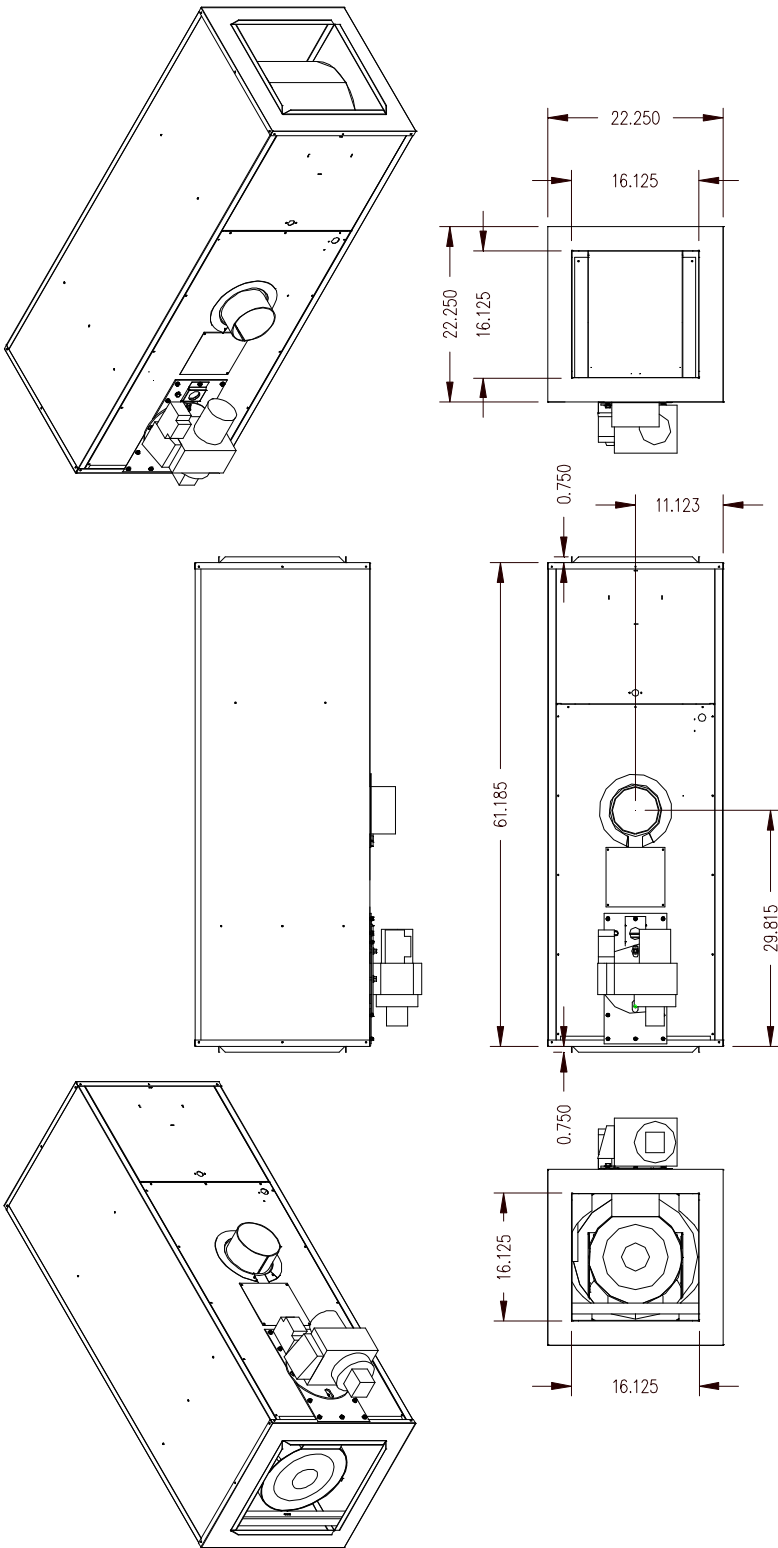
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OIL FIRED LOWBOY REAR FLUE FURNACE SPECIFICATIONS

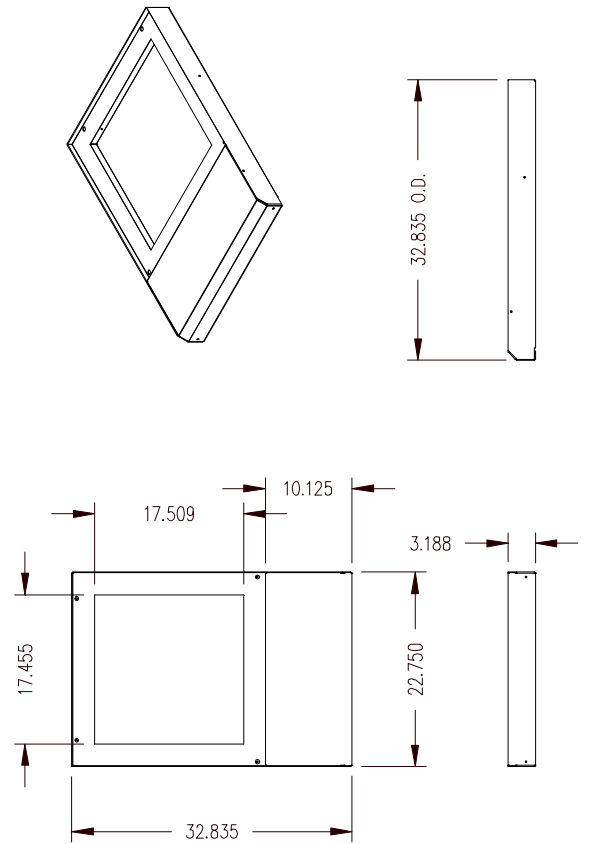


SEE NEXT PAGE FOR MORE DATA-

OIL FIRED HORIZONTAL/COUNTERFLOW FURNACE SPECIFICATIONS



COMBUSTIBLE FLOOR BASE



SEE NEXT PAGE FOR MORE DATA-

BLOWER DATA:	TLF...48	TLR...48	TDF...42	TLF...V5	TLR...V5	TDF...V5
BLOWER MODEL DIRECT DRIVE	10-9R			12-9T w \ 11-9 w heel		
MOTOR H.P.	3/4 HP	3/4 HP	1/2 HP	1 HP		
MOTOR TYPE & NUMBER OF SPEEDS	PSC (Permanent Split Capacitor), 4			CVM (Constant Volume ECM), Variable		
HIGH SPEED AIRFLOW (SCFM) @ 0.5 IN. W.G. EXTERNAL STATIC PRESSURE:	1500	1500	1439	2000	2000	1900

BURNER DATA	R.W. BECKETT pressure atomizing type, Model AFG			
AIR TUBE LENGTH (IN.)	5.875, effective			
BURNER HEAD TYPE:	Fixed, flame retention			
FUEL TYPE:	#2 distillate (domestic heating oil)			
NOZZLE RATING (GPH):	*1.0	0.85	0.75	0.6
SPRAY ANGLE (DEG.):	80°			
SPRAY PATTERN:	HOLLOW			
OIL PUMP PRESSURE (PSIG):	130 PSI			
COMBUSTION CHAMBER TYPE:	Preformed, refractory (ceramic fiber matrix material)			

* Nozzle not permitted on TDF models

CLEARANCES	TLF	TLR	TDF
	MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS:		
SIDES	3"	3"	3"
FRONT (SERVICE ACCESS)	8"	3"	22"
REAR	3"	3"	3"
FLUE	9"	9"	9"
TOP PLENUM	3"	3"	3"
SIDES PLENUM	3"	3"	3"

SEE NEXT PAGE FOR MORE DATA-

TLF1M087D948SA (4 Ton)

ALTERATIONS REQ'D FOR A/C @ DESIGN EXTERNAL STATIC PRESSURE					
COOLING UNIT	Heating Speed by Input				Recommended CLG Speed
	Low Fire	ML Fire	MH Fire	High Fire	
	84,000	105,000	119,000	140,000	
24,000	Low	ML	MH	High	Low
30,000	Low	ML	MH	High	Low
36,000	Low	ML	MH	High	ML
42,000	Low	ML	MH	High	MH
48,000	Low	ML	MH	High	High

Speed Tap\ Static Pressure	Furnace Airflow (CFM) vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	1103	1106	1080	1056	1023	981	858
ML	1358	1339	1309	1264	1216	1167	1098
MH	1620	1572	1511	1443	1376	1311	1224
High	1920	1822	1730	1649	1564	1483	1397
Speed Tap\ Static Pressure	Blower Motor Current Draw (Amps) vs. External Static Pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	5.39	5.12	4.86	4.64	4.37	4.16	3.70
ML	6.55	6.33	6.04	5.72	5.44	5.11	4.80
MH	7.68	7.24	6.92	6.56	6.21	5.93	5.54
High	11.3	11	10.7	10.5	10.3	10.1	9.98

Speed Tap\ Static Pressure	High Fire (140,000 BTU/HR Input) Temp Rise vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	96	95	98	100	103	108	123
ML	78	79	81	84	87	90	96
MH	65	67	70	73	77	81	86
High	55	58	61	64	67	71	76

Speed Tap\ Static Pressure	Med-High Fire (119,000 BTU/HR Input) Temp Rise vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	82	82	84	86	89	92	106
ML	67	68	69	72	75	78	83
MH	56	58	60	63	66	69	74
High	47	50	52	55	58	61	65

Speed Tap\ Static Pressure	Med-Low Fire (105,000 BTU/HR Input) Temp Rise vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	73	73	75	76	79	82	94
ML	59	60	62	64	66	69	73
MH	50	51	53	56	59	61	66
High	42	44	47	49	52	54	58

Speed Tap\ Static Pressure	Low Fire (84,000 BTU/HR Input) Temp Rise vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	59	59	60	61	63	66	76
ML	48	48	50	51	53	56	59
MH	40	41	43	45	47	49	53
High	34	36	37	39	41	44	46

Recommended Operation Range

SEE NEXT PAGE FOR MORE DATA -

TLR1M087D948SA (4 Ton)

ALTERATIONS REQ'D FOR A/C @ DESIGN EXTERNAL STATIC PRESSURE					
COOLING UNIT	Heating Speed by Input				Recommended CLG Speed
	Low Fire	ML Fire	MH Fire	High Fire	
	84,000	105,000	119,000	140,000	
24,000	Low	ML	MH	High	Low
30,000	Low	ML	MH	High	Low
36,000	Low	ML	MH	High	ML
42,000	Low	ML	MH	High	MH
48,000	Low	ML	MH	High	High

Speed Tap\ Static Pressure	Furnace Airflow (CFM) vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	1110	1107	1091	1068	1031	973	887
ML	1366	1330	1303	1247	1187	1124	1046
MH	1622	1545	1484	1419	1356	1274	1172
High	1844	1771	1694	1612	1538	1451	1355
Speed Tap\ Static Pressure	Blower Motor Current Draw (Amps) vs. External Static Pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	5.34	5.2	4.95	4.76	4.5	4.19	3.86
ML	6.33	6.15	5.86	5.48	5.18	4.83	4.57
MH	7.61	7.11	6.72	6.34	6.08	5.74	5.36
High	11	10.8	10.6	10.4	10.2	10	9.9

Speed Tap\ Static Pressure	High Fire (140,000 BTU/HR Input) Temp Rise vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	95	95	97	99	102	108	119
ML	77	79	81	85	89	94	101
MH	65	68	71	74	78	83	90
High	57	60	62	65	69	73	78

Speed Tap\ Static Pressure	Med-High Fire (119,000 BTU/HR Input) Temp Rise vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	82	82	83	85	88	93	102
ML	66	68	70	73	76	81	87
MH	56	59	61	64	67	71	77
High	49	51	54	56	59	63	67

Speed Tap\ Static Pressure	Med-Low Fire (105,000 BTU/HR Input) Temp Rise vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	73	73	74	75	78	83	91
ML	59	61	62	65	68	72	77
MH	50	52	54	57	59	63	69
High	44	45	48	50	52	56	59

Speed Tap\ Static Pressure	Low Fire (84,000 BTU/HR Input) Temp Rise vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	58	59	59	61	63	67	73
ML	47	49	50	52	55	58	62
MH	40	42	44	46	48	51	55
High	35	37	38	40	42	45	48

Recommended Operation Range

SEE NEXT PAGE FOR MORE DATA –

TL*1M087D9V5SA (5 Ton)

	outdoor unit size (tons)	airflow setting	dip switch setting					external static pressure					Performance Options				
			sw1	sw2	sw3	sw4		0.1	0.3	0.5	0.7	0.9	Comfort R	2-Stage Cooling	Comfort & Humid Climate		
								CFM WATTS									
COOLING	5	LOW (350 CFM/TON)	OFF	OFF	OFF	ON	CFM WATTS	1781 495	1781 550	1781 670	1799 750	1781 855	OPTION PERMITTED	OPTION PERMITTED	OPTION PERMITTED		
		NORMAL (400 CFM/TON)	OFF	OFF	OFF	OFF	CFM WATTS	2056 766	2040 815	2024 935	2024 1010	1957 1040					
		HIGH (450 CFM/TON)	OFF	OFF	ON	OFF	CFM WATTS	2299 1020	2181 1060	2119 1110	2056 1190	1957 1260					
	4	LOW (350 CFM/TON)	ON	OFF	OFF	ON	CFM WATTS	1408 269	1408 325	1431 405	1408 466	1408 553					
		NORMAL (400 CFM/TON)	ON	OFF	OFF	OFF	CFM WATTS	1625 387	1576 424	1593 514	1625 627	1584 704					
		HIGH (450 CFM/TON)	ON	OFF	ON	OFF	CFM WATTS	1817 537	1817 601	1817 704	1817 805	1781 900					
	3.5	LOW (350 CFM/TON)	OFF	ON	OFF	ON	CFM WATTS	1259 185	1259 255	1205 318	1205 380	1205 453					
		NORMAL (400 CFM/TON)	OFF	ON	OFF	OFF	CFM WATTS	1408 267	1408 325	1398 405	1396 466	1393 553					
		HIGH (450 CFM/TON)	OFF	ON	ON	OFF	CFM WATTS	1617 380	1605 425	1584 524	1617 611	1584 671					
	3	LOW (350 CFM/TON)	ON	ON	OFF	ON	CFM WATTS	1028 127	1047 185	1060 244	1078 308	1078 370					
		NORMAL (400 CFM/TON)	ON	ON	OFF	OFF	CFM WATTS	1178 171	1194 227	1205 305	1205 368	1205 422					
		HIGH (450 CFM/TON)	ON	ON	ON	OFF	CFM WATTS	1310 243	1350 305	1350 368	1360 450	1360 537					
	2.5	NORMAL	ON	ON	OFF	ON	CFM WATTS	1028 127	1047 185	1060 244	1078 308	1078 370					
	2 *	NORMAL	ON	ON	OFF	OFF	CFM WATTS	824 120	835 159	843 214	843 258	843 310				NA	NA

* CONNECT Y - COOLING SIGNAL TO Y10 ON BOARD

	AIRFLOW SETTING	DIP SWITCH SETTING			EXTERNAL STATIC PRESSURE				
		SW7	SW8		0.1	0.3	0.5	0.7	0.9
					CFM WATTS				
HEATING	LOW (920 CFM)	ON	ON	CFM WATTS	927 90	927 148	962 209	962 253	962 307
	MEDIUM LOW (1145 CFM)	OFF	ON	CFM WATTS	1149 150	1149 215	1149 260	1149 341	1149 410
	MEDIUM HIGH (1290 CFM)	ON	OFF	CFM WATTS	1285 202	1300 275	1310 335	1310 400	1300 465
	HIGH (1500 CFM)	OFF	OFF	CFM WATTS	1533 336	1542 388	1520 470	1499 545	1499 635

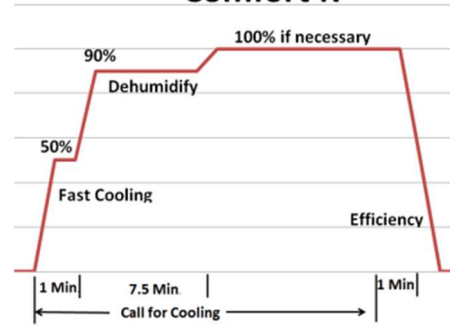
NOTES:

1. CONTINUOUS FAN SETTING: HEATING OR COOLING AIRFLOW IS APPROXIMATELY 50% OF SELECTED COOLING VALUE.
2. FOR VARIABLE SPEED: LOW SPEED AIRFLOWS ARE APPROXIMATELY 30% OF LISTED VALUES.
3. LOW 350 CFM/TON IS RECOMMENDED FOR VARIABLE SPEED APPLICATION FOR COMFORT & HUMID CLIMATE SETTING: NORMAL IS 400 CFM/TON: HIGH 450 CFM/TON IS FOR DRY CLIMATE SETTING.

FACTORY SETTING

	DIP SWITCH SETTING		HEATING ON & OFF DELAY OPTIONS		COOLING DELAY OPTIONS	
	SW5	SW6	DELAY ON	DELAY OFF		
HEATING	OFF	OFF	1 MIN	3 MIN	1 MIN OFF DELAY	
	ON	OFF	1 MIN	4 MIN	1 MIN OFF DELAY	
	OFF	ON	1 MIN	6 MIN	1 MIN OFF DELAY	
	ON	ON	1 MIN	4 MIN	**	

****Comfort R**



SEE NEXT PAGE FOR MORE DATA -

TDF1M087C942SA (3.5 Ton)

ALTERATIONS REQ'D FOR A/C @ DESIGN EXTERNAL STATIC PRESSURE					
COOLING UNIT	Heating Speed by Input				Recommended CLG Speed
	Low Fire	ML Fire	MH Fire	High Fire	
	84,000	105,000	119,000		
24,000	Low	High	MH		Low
30,000	Low	High	MH		Low
36,000	Low	High	MH		MH
42,000	Low	High	MH		High

Speed Tap\ Static Pressure	Furnace Airflow (CFM) vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	1216	1205	1175	1140	1052	968	903
ML	1474	1440	1403	1339	1274	1145	1000
MH	1563	1515	1469	1414	1321	1137	1040
High	1744	1695	1622	1544	1439	1335	1132
Speed Tap\ Static Pressure	Blower Motor Current Draw (Amps/Watts) vs. External Static Pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	5.0 / 507	4.7 / 478	4.6 / 464	4.3 / 436	3.9 / 393	3.6 / 368	3.4 / 350
ML	5.8 / 583	5.4 / 545	5.1 / 510	5.1 / 507	4.6 / 462	4.1 / 415	3.8 / 382
MH	6.2 / 635	6.0 / 601	5.6 / 569	5.3 / 535	4.9 / 499	4.3 / 437	4.1 / 413
High	7.2 / 702	7.0 / 680	6.7 / 647	6.5 / 618	6.2 / 583	5.9 / 545	5.6 / 498

Speed Tap\ Static Pressure	Med-High Fire (119,000 BTU/HR Input) Temp Rise vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	74	75	76	79	85	93	99
ML	61	62	64	67	70	78	90
MH	57	59	61	64	68	79	86
High	51	53	55	58	62	67	79

Speed Tap\ Static Pressure	Med-Low Fire (105,000 BTU/HR Input) Temp Rise vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	68	69	70	73	79	85	92
ML	56	57	59	62	65	72	83
MH	53	55	56	58	63	73	79
High	47	49	51	54	57	52	73

Speed Tap\ Static Pressure	Low Fire (84,000 BTU/HR Input) Temp Rise vs. External Static pressure (in. WC.)						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Low	64	65	66	68	74	80	86
ML	53	54	55	58	61	68	78
MH	50	51	53	55	59	68	75
High	45	46	48	50	54	58	69

Recommended Operation Range

SEE NEXT PAGE FOR MORE DATA –

TDF1M087D9V5SA (5 Ton)

	outdoor unit size (tons)	airflow setting	dip switch setting				CFM WATTS	external static pressure					Performance Options			
			sw1	sw2	sw3	sw4		0.1	0.3	0.5	0.7	0.9	Comfort R	2-Stage Cooling	Comfort & Humid Climate	
COOLING	5	LOW (350 CFM/TON)	OFF	OFF	OFF	ON	1665 522	1665 621	1684 747	1665 830	1675 939	OPTION PERMITTED	OPTION PERMITTED	OPTION PERMITTED		
		NORMAL (400 CFM/TON)	OFF	OFF	OFF	OFF	1884 751	1895 884	1905 1040	1895 1120	1863 1230					
		HIGH (450 CFM/TON)	OFF	OFF	ON	OFF	2147 1170	2087 1190	2025 1220	1960 1230	1880 1250					
	4	LOW (350 CFM/TON)	ON	OFF	OFF	ON	1274 271	1289 334	1334 429	1348 454	1348 637					
		NORMAL (400 CFM/TON)	ON	OFF	OFF	OFF	1490 377	1516 495	1533 600	1541 672	1549 796					
		HIGH (450 CFM/TON)	ON	OFF	ON	OFF	1715 757	1715 671	1715 769	1724 879	1715 1020					
	3.5	LOW (350 CFM/TON)	OFF	ON	OFF	ON	1132 192	1168 266	1186 350	1186 424	1186 495					
		NORMAL (400 CFM/TON)	OFF	ON	OFF	OFF	1291 263	1302 357	1332 449	1372 547	1372 646					
		HIGH (450 CFM/TON)	OFF	ON	ON	OFF	1486 388	1518 503	1542 609	1565 711	1565 809					
	3	LOW (350 CFM/TON)	ON	ON	OFF	ON	972 119	1005 201	1021 265	1015 331	999 405					
		NORMAL (400 CFM/TON)	ON	ON	OFF	OFF	1110 180	1142 260	1148 329	1154 404	1154 488					
		HIGH (450 CFM/TON)	ON	ON	ON	OFF	1254 238	1268 318	1290 405	1318 528	1318 607					
	2.5	NORMAL	ON	ON	OFF	ON	972 119	1005 201	1021 265	1015 331	999 405					
	2*	NORMAL	ON	ON	OFF	OFF	777 126	799 182	803 230	807 282	807 341				NA	NA

* CONNECT Y - COOLING SIGNAL TO Y10 ON BOARD

	AIRFLOW SETTING	DIP SWITCH SETTING		CFM WATTS	EXTERNAL STATIC PRESSURE				
		SW7	SW8		0.1	0.3	0.5	0.7	0.9
HEATING	LOW	ON	ON	871 104	876 155	894 221	890 282	871 336	
	MEDIUM LOW	OFF	ON	1051 160	1081 229	1104 306	1104 380	1087 445	
	MEDIUM HIGH	ON	OFF	1178 219	1213 285	1247 389	1247 466	1260 550	
	HIGH	OFF	OFF	1389 311	1421 415	1442 519	1473 627	1483 715	

NOTES:

1. CONTINUOUS FAN SETTING: HEATING OR COOLING AIRFLOW IS APPROXIMATELY 50% OF SELECTED COOLING VALUE.
2. FOR VARIABLE SPEED: LOW SPEED AIRFLOWS ARE APPROXIMATELY 30% OF LISTED VALUES.
3. LOW 350 CFM/TON IS RECOMMENDED FOR VARIABLE SPEED APPLICATION FOR COMFORT & HUMID CLIMATE SETTING: NORMAL IS 400 CFM/TON: HIGH 450 CFM/TON IS FOR DRY CLIMATE SETTING.

FACTORY SETTING

	DIP SWITCH SETTING		HEATING ON & OFF DELAY OPTIONS		COOLING DELAY OPTIONS
	SW5	SW6	DELAY ON	DELAY OFF	
HEATING	OFF	OFF	1 MIN	3 MIN	1 MIN OFF DELAY
	ON	OFF	1 MIN	4 MIN	1 MIN OFF DELAY
	OFF	ON	1 MIN	6 MIN	1 MIN OFF DELAY
	ON	ON	1 MIN	4 MIN	**

** Comfort R

