

## OIL FIRED LOWBOY FURNACE SPECIFICATIONS

MODEL NO.	TLF1M087C942SA TLR1M087C942SA (BECKETT AFG)				TLF1M087D9V5SA [6] TLR1M087D9V5SA [6] (BECKETT AFG)			
	High Fire	Med-High Fire	Med-Low Fire [5]	Low Fire	High Fire	Med-High Fire	Med-Low Fire [5]	Low Fire
HEATING CAPACITY								
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	3.5 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)	10.6				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"			
	<b>ACCESSORY ITEMS</b>				<b>ACCESSORY ITEMS</b>			
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.  
3 NOT TO BE USED IN SIDEWALL VENT APPLICATIONS, USE ONLY WHEN CHIMNEY VENTED.  
4 AFUE RATINGS AS SHIPPED.  
5 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"		
	<b>ACCESSORY ITEMS</b>			<b>ACCESSORY ITEMS</b>		
COMBUSTIBLE FLOOR BASE	BAYSUB10ABASEA			BAYSUB10ABASEA		
BURNER FRESH AIR VENT KIT	AOPS7482			AOPS7482		
BLOCKED VENT KIT[4]	AOPS2686			AOPS2686		

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

5 AFUE RATINGS AS SHIPPED.

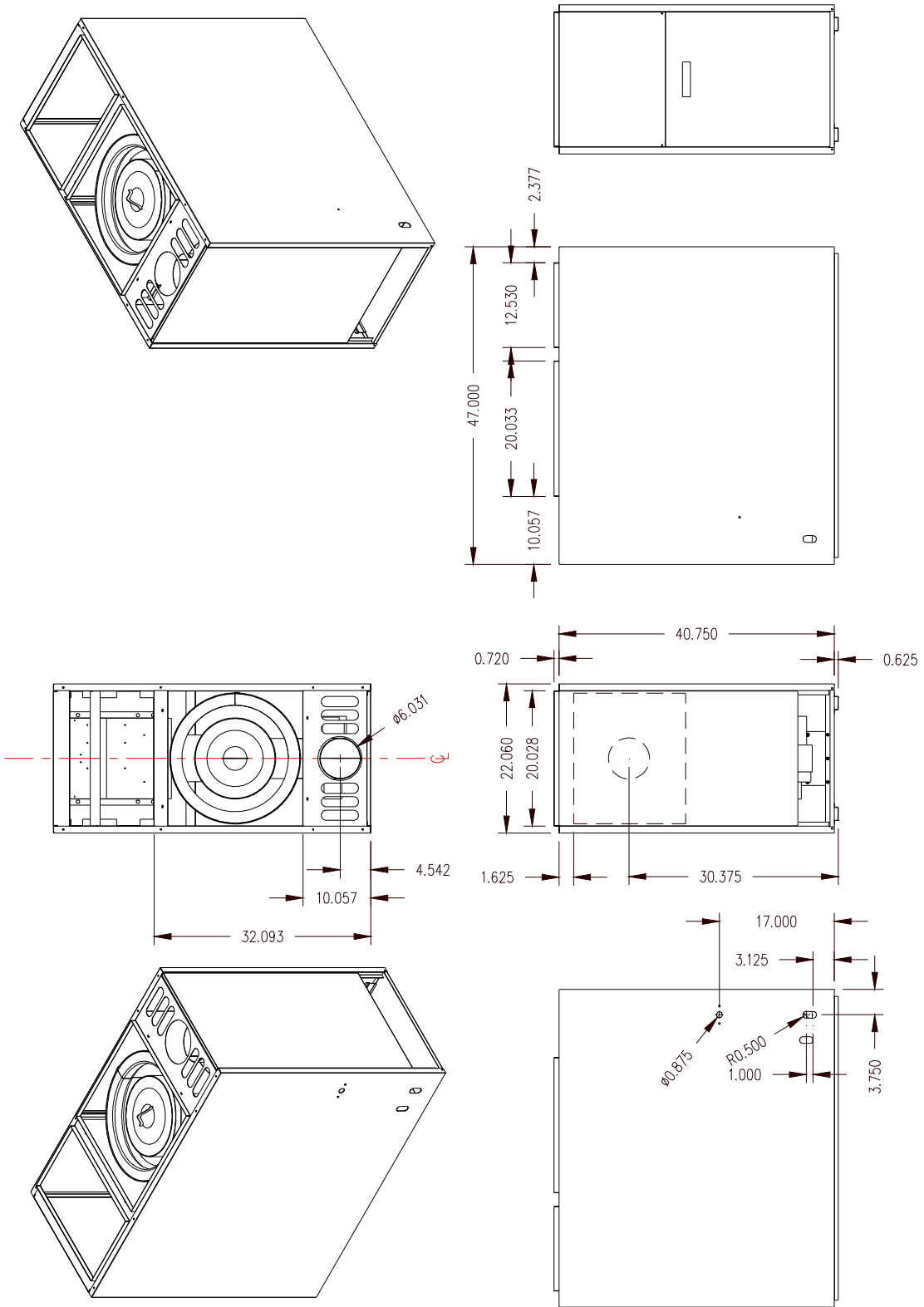
6 NOTE: ECM MOTOR PROGRAM WILL NOT SUPPORT TRANE ZONE SYSTEMS.

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
<b>Oil Furnace Model Nomenclature</b>	T	L	R	1	M	0	8	7	C	9	4	2	S	A
<b>Example Model Numbers</b>	T	D	F	1	M	0	8	7	D	9	V	5	S	A
<b>T= Trane</b>	T													
<b>L = Lowboy, D = Downflow</b>		L												
<b>F = Front Flue, R = Rear Flue</b>			R											
<b>1= Single Stage</b>				1										
<b>Cabinet Width: M=22"</b>					M									
<b>Heating Output MBTUH (000's) – factory shipped</b>						0	8	7						
<b>Major Design Change</b>									C					
<b>Voltage (9= 115 Volts)</b>										9				
<b>Airflow: 42MBTUH = 3.5 Tons</b>											4	2		
<b>Airflow: V5 = 5 Tons (Constant volume ECM)</b>											V	5		
<b>S= Standard Efficiency</b>													S	
<b>Minor Design Change</b>														A

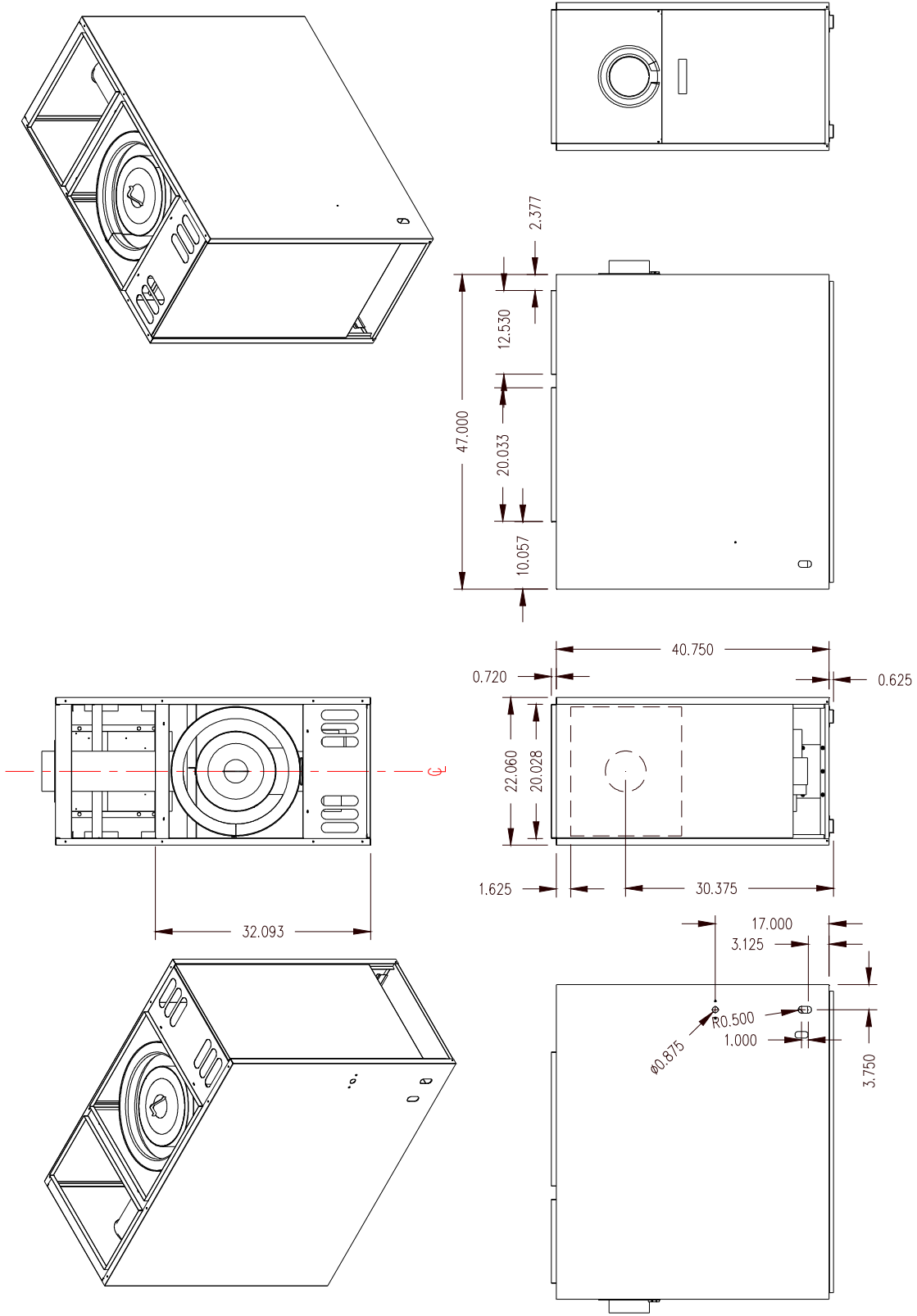
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# OIL FIRED LOWBOY FRONT FLUE FURNACE SPECIFICATIONS



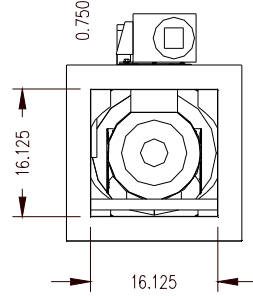
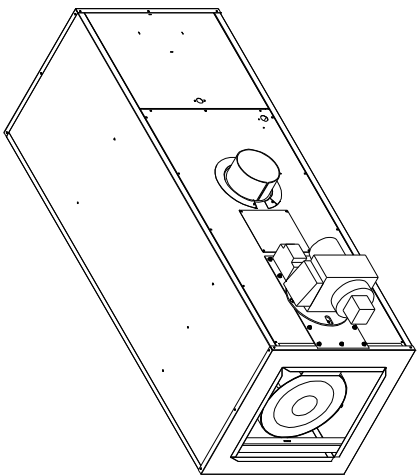
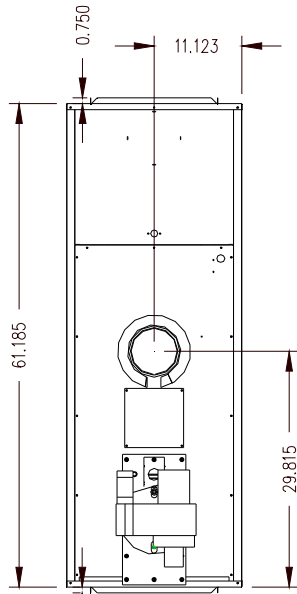
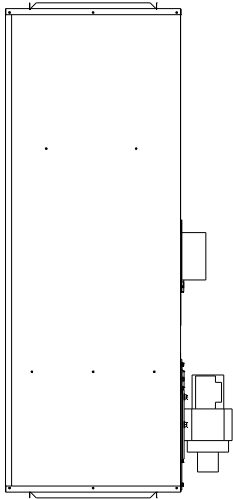
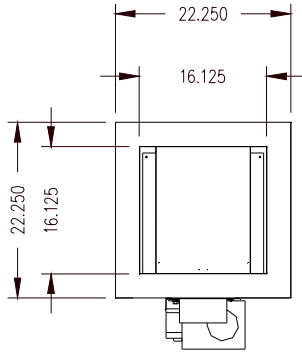
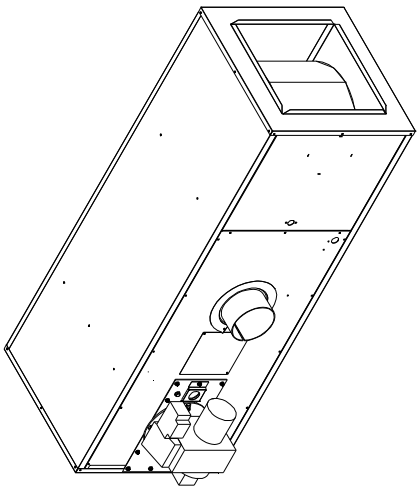
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# OIL FIRED LOWBOY REAR FLUE FURNACE SPECIFICATIONS

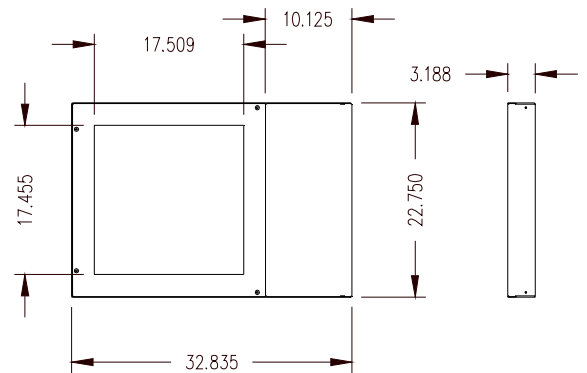
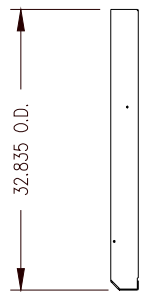
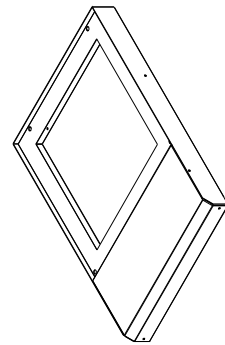


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# OIL FIRED HORIZONTAL/COUNTERFLOW FURNACE SPECIFICATIONS



## COMBUSTIBLE FLOOR BASE



SEE NEXT PAGE FOR MORE DATA-

<b>BLOWER DATA:</b>	<b>TLF...42</b>	<b>TLR...42</b>	<b>TDF...42</b>	<b>TLF...V5</b>	<b>TLR...V5</b>	<b>TDF...V5</b>
BLOWER MODEL DIRECT DRIVE	10-9R			12-9T w\ 11-9 w heel		
MOTOR H.P.	½ 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:	1447	1409	1439	2000	2000	1900

<b>BURNER DATA</b>	<b>R.W. BECKETT pressure atomizing type, Model AFG</b>			
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

<b>CLEARANCES</b>	<b>TLF</b>	<b>TLR</b>	<b>TDF</b>
	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-

## TLF1M087C942SA (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	140,000	
24,000	Low	ML	MH	High	Low
30,000	Low	ML	MH	High	ML
36,000	Low	ML	MH	High	MH
42,000	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	999	993	975	956	931	888	807
ML	1173	1156	1134	1108	1082	1043	989
MH	1372	1331	1290	1246	1200	1146	1079
High	1688	1648	1595	1522	1447	1373	1309
	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	5.24	4.96	4.76	4.50	4.30	4.08	3.73
ML	5.95	5.78	5.56	5.33	5.07	4.81	4.54
MH	6.97	6.60	6.28	5.95	5.69	5.40	5.07
High	8.83	8.57	8.33	7.95	7.65	7.36	7.14

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	106	106	108	110	113	119	131
ML	90	91	93	95	98	101	107
MH	77	79	82	85	88	92	98
High	63	64	66	69	73	77	81

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	91	91	93	95	97	102	112
ML	77	78	80	82	84	87	92
MH	66	68	70	73	76	79	84
High	54	55	57	60	63	66	69

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	81	81	83	84	87	91	100
ML	69	70	71	73	74	77	81
MH	59	61	62	65	67	70	75
High	48	49	51	53	56	59	62

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	65	65	66	68	70	73	80
ML	55	56	57	58	60	62	66
MH	47	49	50	52	54	57	60
High	38	39	41	43	45	47	50

Recommended Operation Range

SEE NEXT PAGE FOR MORE DATA -



## TLR1M087C942SA (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	140,000	
24,000	Low	ML	MH	High	Low
30,000	Low	ML	MH	High	ML
36,000	Low	ML	MH	High	MH
42,000	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	1007	1004	985	963	915	845	749
ML	1196	1184	1149	1111	1066	1023	938
MH	1410	1345	1299	1246	1184	1127	1171
High	1669	1599	1541	1475	1409	1329	1231
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	5.04	4.91	4.71	4.51	4.23	3.98	3.64
ML	5.93	5.74	5.49	5.22	4.91	4.7	4.39
MH	6.88	6.46	6.15	5.84	5.48	5.24	4.96
High	8.46	8.14	7.9	7.64	7.42	7.17	6.88

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	105	105	107	110	115	125	141
ML	88	89	92	95	99	103	113
MH	75	78	81	85	89	94	90
High	63	66	68	72	75	79	86

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	90	90	92	94	99	107	121
ML	76	77	79	82	85	89	97
MH	64	67	70	73	77	81	77
High	54	57	59	62	64	68	74

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	80	80	82	84	88	95	108
ML	67	68	70	73	76	79	86
MH	57	60	62	65	68	71	69
High	48	50	52	55	57	61	65

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	67	71	77	87
ML	54	55	56	58	61	63	69
MH	46	48	50	52	55	58	55
High	39	41	42	44	46	49	53

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			CFM		WATTS		CFM		WATTS				
COOLING	5	LOW (350 CFM/TON)	OFF	OFF	OFF	ON	CFM	1781	1781	1781	1799	1781	OPTION PERMITTED	OPTION PERMITTED	OPTION PERMITTED			
		NORMAL (400 CFM/TON)	OFF	OFF	OFF	OFF	CFM	2056	2040	2024	2024	1957						
		HIGH (450 CFM/TON)	OFF	OFF	ON	OFF	CFM	2299	2181	2119	2056	1957						
	4	LOW (350 CFM/TON)	ON	OFF	OFF	ON	CFM	1408	1408	1431	1408	1408						
		NORMAL (400 CFM/TON)	ON	OFF	OFF	OFF	CFM	1625	1576	1593	1625	1584						
		HIGH (450 CFM/TON)	ON	OFF	ON	OFF	CFM	1817	1817	1817	1817	1781						
	3.5	LOW (350 CFM/TON)	OFF	ON	OFF	ON	CFM	1259	1259	1205	1205	1205						
		NORMAL (400 CFM/TON)	OFF	ON	OFF	OFF	CFM	1408	1408	1398	1396	1393						
		HIGH (450 CFM/TON)	OFF	ON	ON	OFF	CFM	1617	1605	1584	1617	1584						
	3	LOW (350 CFM/TON)	ON	ON	OFF	ON	CFM	1028	1047	1060	1078	1078						
		NORMAL (400 CFM/TON)	ON	ON	OFF	OFF	CFM	1178	1194	1205	1205	1205						
		HIGH (450 CFM/TON)	ON	ON	ON	OFF	CFM	1310	1350	1350	1360	1360						
	2.5	NORMAL	ON	ON	OFF	ON	CFM	1028	1047	1060	1078	1078						
	2 *	NORMAL	ON	ON	OFF	OFF	CFM	824	835	843	843	843						
							WATTS	120	159	214	258	310						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		CFM		WATTS
HEATING	LOW (920 CFM)	ON	ON	CFM	927	927	962	962	962
				WATTS	90	148	209	253	307
	MEDIUM LOW (1145 CFM)	OFF	ON	CFM	1149	1149	1149	1149	1149
				WATTS	150	215	260	341	410
	MEDIUM HIGH (1290 CFM)	ON	OFF	CFM	1285	1300	1310	1310	1300
			WATTS	202	275	335	400	465	
	HIGH (1500 CFM)	OFF	OFF	CFM	1533	1542	1520	1499	1499
				WATTS	336	388	470	545	635

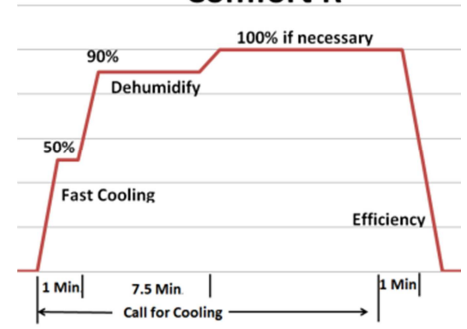
**NOTES:**

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					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	CFM WATTS	1665 522	1665 621	1684 747	1665 830	1675 939	OPTION PERMITTED	OPTION PERMITTED	OPTION PERMITTED		
		NORMAL (400 CFM/TON)	OFF	OFF	OFF	OFF	CFM WATTS	1884 751	1895 884	1905 1040	1895 1120	1863 1230					
		HIGH (450 CFM/TON)	OFF	OFF	ON	OFF	CFM WATTS	2147 1170	2087 1190	2025 1220	1960 1230	1880 1250					
	4	LOW (350 CFM/TON)	ON	OFF	OFF	ON	CFM WATTS	1274 271	1289 334	1334 429	1348 454	1348 637					
		NORMAL (400 CFM/TON)	ON	OFF	OFF	OFF	CFM WATTS	1490 377	1516 495	1533 600	1541 672	1549 796					
		HIGH (450 CFM/TON)	ON	OFF	ON	OFF	CFM WATTS	1715 757	1715 671	1715 769	1724 879	1715 1020					
	3.5	LOW (350 CFM/TON)	OFF	ON	OFF	ON	CFM WATTS	1132 192	1168 266	1186 350	1186 424	1186 495					
		NORMAL (400 CFM/TON)	OFF	ON	OFF	OFF	CFM WATTS	1291 263	1302 357	1332 449	1372 547	1372 646					
		HIGH (450 CFM/TON)	OFF	ON	ON	OFF	CFM WATTS	1486 388	1518 503	1542 609	1565 711	1565 809					
	3	LOW (350 CFM/TON)	ON	ON	OFF	ON	CFM WATTS	972 119	1005 201	1021 265	1015 331	999 405					
		NORMAL (400 CFM/TON)	ON	ON	OFF	OFF	CFM WATTS	1110 180	1142 260	1148 329	1154 404	1154 488					
		HIGH (450 CFM/TON)	ON	ON	ON	OFF	CFM WATTS	1254 238	1268 318	1290 405	1318 528	1318 607					
	2.5	NORMAL	ON	ON	OFF	ON	CFM WATTS	972 119	1005 201	1021 265	1015 331	999 405					
	2 *	NORMAL	ON	ON	OFF	OFF	CFM WATTS	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			EXTERNAL STATIC PRESSURE				
		SW7	SW8		0.1	0.3	0.5	0.7	0.9
HEATING	LOW	ON	ON	CFM WATTS	871 104	876 155	894 221	890 282	871 336
	MEDIUM LOW	OFF	ON	CFM WATTS	1051 160	1081 229	1104 306	1104 380	1087 445
	MEDIUM HIGH	ON	OFF	CFM WATTS	1178 219	1213 285	1247 389	1247 466	1260 550
	HIGH	OFF	OFF	CFM WATTS	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

