



### OIL FIRED LOWBOY FURNACE SPECIFICATIONS

MODEL SERIES	OL6		OL11-105		OL16-125		OL20-151		OL33-200 <sup>1</sup>	
<b>BTU OUTPUT</b>										
<b>BECKETT AFG</b>	60,000-89,000		104,000		129,000 -142,000		153,000		200,000	
<b>RIELLO</b>	60,000-89,000		101,000		129,000 -142,000		153,000			
<b>HEIGHT OF CASING</b>	34 3/4"		46 1/2"		46 1/2"		50 1/2"		60 3/4"	
<b>WIDTH OF CASING</b>	20"		25"		27"		27"		34"	
<b>DEPTH OF CASING</b>	50"		54 1/2"		58 1/2"		58 1/2"		72"	
<b>WARM AIR OUTLET (WxD in inches)</b>	18x20 (20x20) <sup>2</sup>		20x20		22x22		22x22		28x28	
<b>RETURN AIR INLET (WxD in inches)</b>	18x18 (20x18) <sup>2</sup>		20x16		22x18		22x18		28x24	
<b>DIAMETER OF FLUE</b>	5"		6"		7"		7"		9"	
<b>FLOOR TO CENTER OF FLUE</b>	27.75"		38 1/2"		40"		44"		51 3/4"	
<b>STANDARD BLOWER MOTOR</b>	1/2 HP- 5 speed		1/2 HP-4-speed		3/4 HP-4 speed		3/4 HP-4 speed		1/2 HP belt drive	
<b>OPTIONAL ECM BLOWER MTR</b>	1 HP		1/2 HP		3/4 HP		1 HP		n/a	
<b>CFM @ 0.2 &amp;0.5 W.C.</b>	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5
<b>BELT DRIVE</b>										
<b>STANDARD D.D.</b>	HI SPEED		1728		2239		2177		2315	
<b>PSC</b>	1566		1506		1962		1885		1920	
	MH SPEED		1353		1799		1699		1516	
	ML SPEED		1060		1477		1390		1269	
	LO SPEED		845		1178		1117		1019	
	LOW SPEED		667							
<b>A/C CAPACITY</b>										
<b>BELT<sup>3</sup></b>										
<b>D.D. PSC</b>	4 ton		3 1/2 ton		5 ton		5 ton		10 ton	
<b>D.D. PSC UPGRADE</b>			4 ton							
<b>D.D. ECM</b>	5 ton		3.5 ton		5-ton		5-ton			
<b>BECKETT</b>										
<b>NOZZLE SIZE GPH</b>	.50 .60 .75		0.90		1.10 1.25		1.35		1.75	
<b>SPRAY ANGLE/PATTERN</b>	80° B		80° A		80° A		80° A		80° A	
<b>PUMP PRESSURE</b>	120 PSI		100 PSI		100 PSI		100 PSI		100 PSI	
<b>CARLIN</b>										
<b>NOZZLE SIZE GPH</b>	.50 .60 .75									
<b>SPRAY ANGLE/PATTERN</b>	60° A									
<b>PUMP PRESSURE</b>	120 PSI									
<b>RIELLO</b>										
<b>NOZZLE SIZE</b>	.50 .60 .75		0.75		0.9		1.1			
<b>SPRAY ANGLE/PATTERN</b>	80° A		80° A		80° A		80° A			
<b>PUMP PRESSURE</b>	140 PSI		145 PSI		145 PS1		150 PSI			
<b>SHIPPING WEIGHT</b>	250 LBS.		500 LBS.		560 LBS.		600 LBS		1025 LBS	
<b>SEASONAL AFUE BECKETT<sup>4</sup></b>	86.5%		85.0%		85.0%		85.0%		81.50%	
<b>SEASONAL AFUE CARLIN</b>	86.0%									
<b>SEASONAL AFUE RIELLO</b>	87.0%		83.0%							

1)These models shipped knocked down

2) Alternate plenum flanges supplied with furnace, must be installed for 20" width

3)See full product specs or call Thermo Pride Tech Service for correct motor HP and pulley ratio for AC applications

4)Units above 200,000 BTU input have a Thermal Efficiency Rating rather than AFUE

All models on Chart are UL Listed

All specifications subject to change without notice

**OIL FIRED FURNACE SPECIFICATIONS**

MODEL SERIES	HIGHBOY				HORIZ/COUNTERFLOW				HORIZONTAL			
	OH6		OH6 2-STAGE	OH8	OD6		OD6 2-STAGE	OT11-105 <sup>1</sup>		OT16-125 <sup>1</sup>		
<b>BTU OUTPUT (BTUH)</b>												
<b>BECKETT AFG</b>	60,000-89,000			101,000-132,000	60,000-89,000			101,000		123,000/134,550		
<b>BECKETT NX</b>	60,000-90,000											
<b>RIELLO</b>	60,000-90,000			101,000-132,000	60,000-89,000			101,000		123,000		
<b>RIELLO 2-STAGE</b>	1 <sup>ST</sup> STG	2 <sup>ND</sup> STG		61,500 / 74,000				61,500 / 74,000				
				72,000 / 89,000				72,000 / 89,000				
<b>HEIGHT OF CASING</b>	45"		45"	50 1/8"	45"		45"	24"		26"		
<b>WIDTH OF CASING</b>	20"		20"	24 1/2"	20"		20"	74"		74"		
<b>DEPTH OF CASING</b>	30"		30"	36 1/2"	30"		30"	24 1/2"		26"		
<b>WARM AIR OUTLET (WxD IN INCHES)</b>	18"x19"		18"x19"	20"x20"	18"x20"		18"x20"	20"x20"		22"x20"		
<b>RETURN AIR INLET (WxD IN INCHES)</b>	23"x14"		23"x14"	23"x14"	18"x19"		18"x19"	20"x20"		22"x20"		
<b>FILTER RACK FLANGE DIMENSIONS</b>	24.5" x 15"		24.5" x 15"	23.75" x 19"								
<b>NOMINAL FLUE OUTLET DIAMETER</b>	5"		5"	7"	5"		5"	6"		7"		
<b>STANDARD PSC BLOWER MOTOR</b>	1/2 HP 4-speed			3/4 HP 4-speed	1/2 HP 5-speed			1/2 HP 4-speed		3/4 HP 4-speed		
<b>ECM BLOWER MOTOR</b>	3/4 HP		3/4 HP	1 HP	1 HP		1 HP	n/a		n/a		
<b>CFM @ 0.2 &amp; 0.5 W.C.</b>	0.2"	0.5"		0.2"	0.5"	0.2"	0.5"	0.2"	0.5"	0.2"	0.5"	
<b>STANDARD D.D. HI SPEED</b>	1762	1569		2243	1221	1789	1640	1596	1408	2237	2062	
<b>PSC MH SPEED</b>	1432	1334		1731	1415	1357	1280	1329	1162	2020	1897	
<b>ML SPEED</b>	1152	1085		1464	1686	1219	1150	1069	940	1877	1789	
<b>LO SPEED</b>	915	822		1254	2099	1011	953	863	742	NOT RECOMMENDED		
<b>LOW SPEED</b>						792	692					
<b>A/C CAPACITY</b>												
<b>D.D. PSC</b>	4-ton			5-ton	4-ton			3 1/2-ton		5-ton		
<b>D.D. PSC UPGRADE</b>								4-ton				
<b>D.D. ECM</b>	4-ton		4-ton	5-ton	5-ton		5-ton					
<b>BECKETT AFG NOZZLE SIZE GPH</b>	.50 .60 .75			.85 1.00 1.10	.50 .60 .75			0.90		1.10 1.25		
<b>SPRAY ANGLE/PATTERN</b>	80° B			80° A	80° B			80° A		80° A		
<b>PUMP PRESSURE</b>	120 PSI			120 PSI	120 PSI			100 PSI		120 PSI		
<b>CARLIN NOZZLE SIZE GPH</b>	.50 .60 .75				.50 .60 .75							
<b>SPRAY ANGLE/PATTERN</b>	60° A				60° A							
<b>PUMP PRESSURE</b>	120 PSI				120 PSI							
<b>BECKETT NX NOZZLE SIZE GPH</b>	.40-.60											
<b>SPRAY ANGLE/PATTERN</b>	70° A											
<b>PUMP PRESSURE</b>	150 PSI											
<b>RIELLO NOZZLE SIZE</b>	.50 .60 .70		.50 / .70	.75 .85 1.00	.50 .60 .70		.50 / .70	0.75		0.90		
<b>SPRAY ANGLE/PATTERN</b>	80° A		45° W	80° A	80° A		45° W	80° A		80° A		
<b>PUMP PRESSURE (PSI)</b>	140		1 <sup>ST</sup> STG-130 2 <sup>ND</sup> STG-170	140	140		1 <sup>ST</sup> STG-130 2 <sup>ND</sup> STG-170	145		145		
<b>SHIPPING WEIGHT</b>	280 LBS		280 LBS	310 LBS	250 LBS		250 LBS	445 LBS		500 LBS		
<b>SEASONAL AFUE BECKETT AFG</b>	86.0%			85.8%	85.7%			83.0%		83.0%		
<b>SEASONAL AFUE CARLIN</b>	86.0%				85.0%							
<b>SEASONAL AFUE BECKETT NX</b>	85.6%											
<b>SEASONAL AFUE RIELLO</b>	86.1%		87.0% / 86.4%	86.0%	85.7%		86.0% / 85.0%	83.0%		83.0%		

1)Not approved for attic use, units have exposed burners  
All models in chart are UL listed