



OIL FIRED LOWBOY FURNACE SPECIFICATIONS

MODEL SERIES	OL6		OL11-105		OL16-125		OL20-151		OL33-200 ¹	
BTU OUTPUT										
BECKETT AFG	60,000-89,000		104,000		129,000 -142,000		153,000		200,000	
RIELLO	60,000-89,000		101,000		129,000 -142,000		153,000			
HEIGHT OF CASING	34 3/4"		46 1/2"		46 1/2"		50 1/2"		60 3/4"	
WIDTH OF CASING	20"		25"		27"		27"		34"	
DEPTH OF CASING	50"		54 1/2"		58 1/2"		58 1/2"		72"	
WARM AIR OUTLET (WxD in inches)	18x20 (20x20) ²		20x20		22x22		22x22		28x28	
RETURN AIR INLET (WxD in inches)	18x18 (20x18) ²		20x16		22x18		22x18		28x24	
DIAMETER OF FLUE	5"		6"		7"		7"		9"	
FLOOR TO CENTER OF FLUE	27.75"		38 1/2"		40"		44"		51 3/4"	
STANDARD BLOWER MOTOR	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	
OPTIONAL ECM BLOWER MTR	1 HP		1/2 HP		3/4 HP		1 HP		n/a	
CFM @ 0.2 & 0.5 W.C.	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5	0.2	0.5
BELT DRIVE										
STANDARD D.D.	1670		1566		1728		1506		2239	
PSC	1270		1239		1353		1249		1799	
	1113		1091		1060		988		1477	
	902		883		845		759		1178	
	712		667							
A/C CAPACITY										
BELT³										
D.D. PSC	4 ton		3 1/2 ton		5 ton		5 ton		10 ton	
D.D. PSC UPGRADE			4 ton							
D.D. ECM	5 ton		3.5 ton		5-ton		5-ton			
BECKETT										
NOZZLE SIZE GPH	.50 .60 .75		0.90		1.10 1.25		1.35		1.75	
SPRAY ANGLE/PATTERN	80° B		80° A		80° A		80° B		80° B	
PUMP PRESSURE	120 PSI		100 PSI		100 PSI		100 PSI		100 PSI	
CARLIN										
NOZZLE SIZE GPH	.50 .60 .75									
SPRAY ANGLE/PATTERN	60° A									
PUMP PRESSURE	120 PSI									
RIELLO										
NOZZLE SIZE	.50 .60 .70		0.75		0.9		1.1			
SPRAY ANGLE/PATTERN	80° A		60° A		60° A		60° A			
PUMP PRESSURE	140 PSI		145 PSI		145 PS1		150 PSI			
SHIPPING WEIGHT	250 LBS.		500 LBS.		560 LBS.		600 LBS		1025 LBS	
SEASONAL AFUE BECKETT	86.5%		85.0%		85.0%		85.0%		81.5% ⁴	
SEASONAL AFUE CARLIN	85.0%									
SEASONAL AFUE RIELLO	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 ¹		OT16-125 ¹		
BTU OUTPUT (BTUH)												
BECKETT AFG	60,000-89,000			101,000-132,000	60,000-89,000			101,000		123,000/134,550		
BECKETT NX	60,000-90,000											
RIELLO	60,000-90,000			101,000-132,000	60,000-89,000			101,000		123,000		
RIELLO 2-STAGE												
1 ST STG			61,500 / 74,000				61,500 / 74,000					
2 ND STG			72,000 / 89,000				72,000 / 89,000					
HEIGHT OF CASING	45"		45"	50 1/8"	45"		45"	24"		26"		
WIDTH OF CASING	20"		20"	24 1/2"	20"		20"	74"		74"		
DEPTH OF CASING	30"		30"	36 1/2"	30"		30"	24 1/2"		26"		
WARM AIR OUTLET (WxD IN INCHES)	18"x19"		18"x19"	20"x20"	18"x20"		18"x20"	20"x20"		22"x20"		
RETURN AIR INLET (WxD IN INCHES)	23"x14"		23"x14"	23"x14"	18"x19"		18"x19"	20"x20"		22"x20"		
FILTER RACK FLANGE DIMENSIONS	24.5" x 15"		24.5" x 15"	23.75" x 19"								
NOMINAL FLUE OUTLET DIAMETER	5"		5"	7"	5"		5"	6"		7"		
STANDARD PSC BLOWER MOTOR	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		
ECM BLOWER MOTOR	3/4 HP		3/4 HP	1 HP	1 HP		1 HP	n/a		n/a		
CFM @ 0.2 & 0.5 W.C.	0.2"	0.5"		0.2"	0.5"	0.2"	0.5"		0.2"	0.5"	0.2"	0.5"
STANDARD D.D. HI SPEED	1762	1569		2243	1221	1789	1640		1596	1408	2237	2062
PSC MH SPEED	1432	1334		1731	1415	1357	1280		1329	1162	2020	1897
ML SPEED	1152	1085		1464	1686	1219	1150		1069	940	1877	1789
LO SPEED	915	822		1254	2099	1011	953		863	742	NOT RECOMMENDED	
LOW SPEED						792	692					
A/C CAPACITY												
D.D. PSC	4-ton			5-ton	4-ton			3 1/2-ton		5-ton		
D.D. PSC UPGRADE								4-ton				
D.D. ECM	4-ton		4-ton	5-ton	5-ton		5-ton					
BECKETT AFG NOZZLE SIZE GPH	.50 .60 .75			.85 1.00 1.10	.50 .60 .75			0.90		1.10 1.25		
SPRAY ANGLE/PATTERN	80° B			80° A	80° B			80° A		80° A		
PUMP PRESSURE	120 PSI			120 PSI	120 PSI			100 PSI		120 PSI		
CARLIN NOZZLE SIZE GPH	.50 .60 .75				.50 .60 .75							
SPRAY ANGLE/PATTERN	60° A				60° A							
PUMP PRESSURE	120 PSI				120 PSI							
BECKETT NX NOZZLE SIZE GPH	.40-.60											
SPRAY ANGLE/PATTERN	70° A											
PUMP PRESSURE	150 PSI											
RIELLO NOZZLE SIZE	.50 .60 .70		.50 / .70	.75 .85 1.00	.50 .60 .70		.50 / .70	0.75		0.90		
SPRAY ANGLE/PATTERN	80° A		45° W	80° A	80° A		45° W	60° A		60° A		
PUMP PRESSURE (PSI)	140		1 ST STG-130 STG-170 2 ND	140	140		1 ST STG-130 STG-170 2 ND	145		145		
SHIPPING WEIGHT	280 LBS		280 LBS	310 LBS	250 LBS		250 LBS	445 LBS		500 LBS		
SEASONAL AFUE BECKETT AFG	86.0%			85.8%	85.7%			83.0%		83.0%		
SEASONAL AFUE CARLIN	85.0%				85.0%							
SEASONAL AFUE BECKETT NX	85.6%											
SEASONAL AFUE RIELLO	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