



OIL FIRED LOWBOY FURNACE SPECIFICATIONS

MODEL SERIES	OL6		OL11-105		OL16-125		OL20-151		OL33-200 ¹		OL37-250 ¹		OL39-320 ¹							
BTU OUTPUT																				
BECKETT AFG	60,000-89,000		104,000		129,000 -142,000		153,000		200,000		250,000		320,000							
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"		67 3/4"		67 3/4"							
WIDTH OF CASING	20"		25"		27"		27"		34"		38"		38"							
DEPTH OF CASING	50"		54 1/2"		58 1/2"		58 1/2"		72"		85 1/2"		85 1/2"							
WARM AIR OUTLET (WxD in inches)	18x20 (20x20) ²		20x20		22x22		22x22		28x28		32x32		32x32							
RETURN AIR INLET (WxD in inches)	18x18 (20x18) ²		20x16		22x18		22x18		28x24		32x28		32x28							
DIAMETER OF FLUE	5"		6"		7"		7"		9"		9"		9"							
FLOOR TO CENTER OF FLUE	27.75"		38 1/2"		40"		44"		51 3/4"		59"		59"							
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		3/4 HP belt drive		1 HP belt drive							
OPTIONAL ECM BLOWER MTR	1 HP		1/2 HP		3/4 HP		1 HP		n/a		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	0.2	0.5	0.2	0.5						
BELT DRIVE																				
STANDARD									2315		1920		2893		2410		3700		3350	
D.D. PSC																				
HI SPEED	1670	1566	1728	1506	2239	1962	2177	1885												
MH SPEED	1270	1239	1353	1249	1799	1606	1699	1516												
ML SPEED	1113	1091	1060	988	1477	1346	1390	1269												
LO SPEED	902	883	845	759	1178	1077	1117	1019												
LOW SPEED	712	667																		
A/C CAPACITY																				
BELT³																				
D.D. PSC	4 ton		3 1/2 ton		5 ton		5 ton		10 ton		10 ton		10 ton							
D.D. PSC UPGRADE																				
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		2.25		2.75							
SPRAY ANGLE/PATTERN	80° A		80° A		80° A		80° A		80° A		80° A		80° A							
PUMP PRESSURE	120 PSI		100 PSI		100 PSI		100 PSI		100 PSI		100 PSI		100 PSI							
RIELLO																				
NOZZLE SIZE	.50 .60 .75		0.75		0.9		1.1													
SPRAY ANGLE/PATTERN	80° A		80° A		80° A		80° A													
PUMP PRESSURE	140 PSI		145 PSI		145 PS1		150 PSI													
SHIPPING WEIGHT	250 LBS.		500 LBS.		560 LBS.		600 LBS		1025 LBS		1120 LBS		1150 LBS							
SEASONAL AFUE BECKETT⁴	86.5%		85.0%		85.0%		85.0%		81.50%		82%		81.30%							
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

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. PSC	HI SPEED	1762	1569			2243	1221	1789	1640			1596	1408	2237	2062
	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° A				80° A		80° A				80° A	80° A			
PUMP PRESSURE	120 PSI				120 PSI		120 PSI				100 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		80° A	80° A			
PUMP PRESSURE (PSI)	140		1 ST STG-130 2 ND STG-170		140		140		1 ST STG-130 2 ND STG-170		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 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