



OIL FIRED LOWBOY FURNACE SPECIFICATIONS

MODEL SERIES	OL6		OL5-85		OL11-105		OL16-125		OL20-151		OL33-200 ¹		
BTU OUTPUT													
BECKETT AFG	60,000-89,000		88,000		104,000		129,000 -142,000		153,000		200,000		
RIELLO	60,000-89,000		85,000		101,000		129,000 -142,000		153,000				
HEIGHT OF CASING	34 3/4"		43 1/4"		46 1/2"		46 1/2"		50 1/2"		60 3/4"		
WIDTH OF CASING	20"		25"		25"		27"		27"		34"		
DEPTH OF CASING	50"		50 1/4"		54 1/2"		58 1/2"		58 1/2"		72"		
WARM AIR OUTLET (WxD in inches)	18x20 (20x20) ²		20x20		20x20		22x22		22x22		28x28		
RETURN AIR INLET (WxD in inches)	18x18 (20x18) ²		20x14		20x16		22x18		22x18		28x24		
DIAMETER OF FLUE	5"		6"		6"		7"		7"		9"		
FLOOR TO CENTER OF FLUE	27.75"		36"		38 1/2"		40"		44"		51 3/4"		
STANDARD BLOWER MOTOR	1/2 HP- 5 speed		1/2 HP- 4 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		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	0.2	0.5	
BELT DRIVE												2315	1920
STANDARD D.D. PSC	HI SPEED	1670	1566	1726	1493	1728	1506	2239	1962	2177	1885		
	MH SPEED	1270	1239	1320	1213	1353	1249	1799	1606	1699	1516		
	ML SPEED	1113	1091	1066	983	1060	988	1477	1346	1390	1269		
	LO SPEED	902	883	848	764	845	759	1178	1077	1117	1019		
	LOW SPEED	712	667										
A/C CAPACITY													
	BELT³											10 ton	
	D.D. PSC	4 ton		3 1/2 ton		3 1/2 ton		5 ton		5 ton			
	D.D. PSC UPGRADE											4 ton	
	D.D. ECM	5 ton		3.5 ton		3.5 ton		5-ton		5-ton			
BECKETT	NOZZLE SIZE GPH	.50 .60 .75		0.75		0.90		1.10 1.25		1.35		1.75	
	SPRAY ANGLE/PATTERN											80° A	
	PUMP PRESSURE	120 PSI		100 PSI		100 PSI		100 PSI		100 PSI		100 PSI	
RIELLO	NOZZLE SIZE	.50 .60 .70		0.6		0.75		0.9		1.1			
	SPRAY ANGLE/PATTERN											80° A	
	PUMP PRESSURE	140 PSI		145 PSI		145 PSI		145 PSI		150 PSI			
SHIPPING WEIGHT	315 LBS.		410 LBS		500 LBS.		560 LBS.		600 LBS		1025 LBS		
SEASONAL AFUE BECKETT⁴	86.5%		85.0%		85.0%		85.0%		85.0%		81.50%		
SEASONAL AFUE RIELLO	87.0%		86.0%		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

(Over mor more specs)

OIL FIRED FURNACE SPECIFICATIONS

		HIGHBOY			DRIZ/COUNTERFLO		HORIZONTAL				
MODEL SERIES		OH6	OH6 2-STAGE	OH8	OD6		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								
	2 ND STG		72,000 / 89,000								
HEIGHT OF CASING		45"	45"	50 1/8"	45"		24"		26"		
WIDTH OF CASING		20"	20"	24 1/2"	20"		74"		74"		
DEPTH OF CASING		30"	30"	36 1/2"	30"		24 1/2"		26"		
WARM AIR OUTLET (WxD IN INCHES)		18"x19"	18"x19"	20"x20"	18"x20"		20"x20"		22"x20"		
RETURN AIR INLET (WxD IN INCHES)		23"x14"	23"x14"	23"x14"	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"		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		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	2099	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	1221	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				
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		100 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		0.75 0.90		
SPRAY ANGLE/PATTERN		80° A		45° W	80° A		80° A		60° A 60° A		
PUMP PRESSURE (PSI)		140		1 ST STG-130 2 ND STG-170	140		140		145 145		
SHIPPING WEIGHT		280 LBS		280 LBS	390 LBS		250 LBS		445 LBS 500 LBS		
SEASONAL AFUE BECKETT AFG		85.0%			85.8%		85.7%		83.0% 83.0%		
SEASONAL AFUE BECKETT NX		85.6%									
SEASONAL AFUE RIELLO		86.1%		87.0%	86.0%		85.7%		83.0% 83.0%		

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