



**Parts
and
Specification Catalog**



Thermo Pride®

Spirit Series

There are no prices in this book



Thermo Pride products have been the name for high-quality, handcrafted, hometown values, and high-efficiency for 76 years. We offer a full line of oil and gas-fired warm air furnaces, coils and accessories.

Product specifications may change. Please refer to www.thermopride.com for the most current product specifications.

TABLE OF CONTENTS	PAGE NO.
Oil Furnaces and Accessories	
Oil Furnaces - OH6, OL6, OD6, OH8, OL8, OT11, OT16, OL20	2
Oil Furnace Accessories	3
Gas Furnaces and Accessories	
Gas Furnaces - CLQS1	4
Gas Furnace Accessories	4
Mobile Home/Cottage Furnaces and Accessories	
Mobile Home/Cottage Furnaces - OME, GMD2, CMA4, CMC2 Series	5
Mobile Home Accessories	5
Air Conditioning Evaporator Coils	
AC Evaporator Coils and Cabinets	6
Air Handlers	
Air Handlers with Optional Hydronic Heating Coil	7
Plenums and Transitions	
Plenums and Transitions	8
Spirit Oil Furnaces & Accessories	
Spirit Oil Furnaces	9
Spirit Oil Furnace Accessories	9
Spec Sheets	
OH6 Oil Highboy Specs	11
OL6 Oil Lowboy Specs	12
OD6 Oil Counterflow/Horizontal Specs	13
OH8 Oil Highboy Specs	14
OL8 Oil Lowboy Specs	15
OL20 Oil Lowboy Specs	16
OT11, OT16 Oil Specs	17
CLQS1 Gas Multi-Position Specs	18
OME Oil Mobile Home Specs	19
GMD2 Gas Mobile Home Specs	20
CMA4 Gas Mobile Home Specs	21
CMC2 Gas Mobile Home Specs	22
Air Handlers Specs	23
Spirit Oil Spec Table - All Models	24
Terms and Conditions	
Terms and Conditions	25

Oil Furnaces

Furnace and Burner Must Be Ordered Separately

Prices effective: May 2, 2022

MODEL NO.	DESCRIPTION	AFUE% BECKETT/ CARLIN	AFUE% RIELLO	BTU/H OUTPUT	SHIPPING WEIGHT	
380692	TP2501 - Beckett AFG Oil Burner for 6 Series					
380835	Carlin EZ-1 Oil Burner for 6 Series					
380693	Riello BF3 Oil Burner for 6 Series					
OH6FA072D48	Low-Profile Highboy, Front Flue	86	86.1	60,000/72,000/90,000	280	
OH6FA072DV4	Low-Profile Highboy, Front Flue	86	86.1	60,000/72,000/90,000	280	
OL6FA072D48	Lowboy, Front Flue	86.5/86	87	60,000/72,000/90,000	315	
OL6RA072D48	Lowboy, Rear Flue	86.5/86	87	60,000/72,000/90,000	315	
OL6FA072DV5	Lowboy, Front Flue	86.5/86	87	60,000/72,000/90,000	315	
OL6RA072DV5	Lowboy, Rear Flue	86.5/86	87	60,000/72,000/90,000	315	
OD6FA072D48	Counterflow/Horizontal, Front Flue	85.7/85	85.7	60,000/72,000/90,000	250	
OD6RA072D48	Counterflow/Horizontal, Rear Flue	85.7/85	85.7	60,000/72,000/90,000	250	
OD6FA072DV5	Counterflow/Horizontal, Front Flue	85.7/85	85.7	60,000/72,000/90,000	250	
OD6RA072DV5	Counterflow/Horizontal, Rear Flue	85.7/85	85.7	60,000/72,000/90,000	250	
380754	TP2502 - Beckett AFG Oil Burner for 8 Series					
380836	Carlin EZ-1 Oil Burner for 8 Series					
380756	Riello BF3 Oil Burner for 8 Series					
OH8FA119D60	Highboy, Front Flue	85.8/85	86	101,000/120,000/132,000	390	
OH8FA119DV5	Highboy, Front Flue	85.8/85	86	101,000/120,000/132,000	390	
OL8FA119T60	Lowboy, Front Flue	85	85	101,000/119,000/132,000	315	
OL8RA119T60	Lowboy, Rear Flue	85	85	101,000/119,000/132,000	315	
380737	TP1011 - Beckett AFG Oil Burner for 11 Series					
ROB-11	Riello ROB-11 Oil Burner for 11 Series					
OT11-105FBP	Horizontal, Front Flue, Exposed Burner	83	83	101,000	445	
OT11-105RBP	Horizontal, Rear Flue, Exposed Burner	83	83	101,000	445	
380738	TP1021 - Beckett AFG Oil Burner for 16 Series					
ROB-16	Riello ROB-16 Oil Burner for 16 Series					
OT16-125FBP	Horizontal, Front Flue, Exposed Burner	83	83	125,000	500	
OT16-125RBP	Horizontal, Rear Flue, Exposed Burner	83	83	125,000	500	
380739	TP1031 - Beckett AFG Oil Burner for 20 Series					
ROB-20	Riello ROB-20 Oil Burner for 20 Series					
OL20FA151T60	Lowboy, Front Flue	85	85	153,000	600	
OL20RA151T60	Lowboy, Rear Flue	85	85	153,000	600	

Oil Accessories

DESCRIPTION	PART NO.	FURNACE or ACCESSORY MODEL	SHIPPING WT. (lbs.)	
4" Clean Out Assembly (Cover, Gasket, T-Bar, Nut) - Pair	AOPS7586	OC2-5, OH2-16, OL2-39, OT5-16	2	
Clean Out Plug Assembly - Each	S00S4489	OH6, OD6F, OL6, OH8, OD6R, OME	1	
D6 Base	D6-BASE	OD6 Counterflow Applications Only	36	
D6 Cottage Base	D6COT-BASE	OD6 Counterflow Applications Only	46	
Optional Fan Timer	AOPS7433	Only used with models using a combination fan limit control	2	
Combustion Air Intake Hood Kit	AOPS7402	General Application	3	
Combustion Air Kit	PVB-2	5, 11, 16, 20 Series	14	
Field Direct Vent Termination Kit (includes vent hood & 15' flexible vent pipe)	AOPS8393	OH6, OL6 & OD6	41	
Field Direct Vent Termination Kit (includes vent hood & 15' flexible vent pipe)	AOPS8414	OH8, OL8	42	
Sidewall Vent Accessory Kit for Beckett Burner*	AOPS8394	OH6, OH8, OL6, OL8 & OD6	4	
Sidewall Vent Accessory Kit for Beckett NX Burner*	AOPS8412	OH6	4	
Sidewall Vent Accessory Kit for Riello Burner*	AOPS8395	OH6, OH8, OL6, OL8 & OD6	3	
Sidewall Vent Accessory Kit for Carlin Burner*	AOPS8432	OH6, OH8, OL6, OL8 & OD6	3	
Blocked Vent Switch (Canadian Applications)	350156	All Oil	2	
Combustion Air Kit for combustion air only w/Beckett AF/AFG burner	AOPS8397	OH8, OH6, OD6, OL5, OL6, OL8	6	
Combustion Air Kit for combustion air only w/Beckett NX Burner	AOPS8413	OH6	6	
Combustion Air Kit for combustion air only w/Riello Burner	AOPS8416	OH6, OH8, OL6, OL8 & OD6	6	
Combustion Air Kit for combustion air only w/Carlin Burner	AOPS8433	OH6, OH8, OL6, OL8 & OD6	3	
2 Line System Kit for Riello	380705	Used on BF3/BF5 burner	1	
Filter Rack, 16 x 25 in., takes 1" filter	AOPS7547	OH5, OH6, OH11	6	
Filter Rack, 20 x 20 in.	AOPS8385	General Use	4	
Filter Rack, 20 x 25 in.	AOPS8386	General Use	4	
Filter Rack, 20 x 25 x 6 in.	AOPS7375	OH8, OH16	4	
#5F Replacement Chamber w/rock wool and gaskets	AOPS7323	5, 11 Series	11	
#16F Replacement Chamber w/rock wool and gaskets	AOPS7324	16, 20 Series	14	

Note: Blower conversion kits available. Please call customer service with model number and serial number for pricing and availability.

*Required when using Field Direct Vent Termination Kit

Gas Furnaces

MODEL NO.	AFUE%	MAXIMUM A/C CAPACITY (tons)	BTU/H INPUT	SHIPPING WT. (lbs.)	
GAS SINGLE-STAGE CONDENSING MULTI-POSITION MODELS (Upflow, Downflow, Horizontal)					
HIGH EFFICIENCY CONSTANT TORQUE ECM BLOWER MOTOR					
CLQS1-050T36N	95	3	50,000	155	
CLQS1-075T42N	95	3.5	75,000	166	
CLQS1-100T48N	95	4	100,000	183	
CLQS1-125T60N	95	5	125,000	196	
All above gas furnaces supplied as natural gas with a propane kit included. For Energy Star qualified units, go to www.energystar.gov .					
GAS ACCESSORIES					
DESCRIPTION	PART NO.	FURNACE	SHIPPING WT. (lbs.)		
Concentric Vent Kit - 2"	AOPS7488	CLQS1-050, 075	11		
Concentric Vent Kit - 3"	AOPS7489	CLQS1-100, 125	11		
Sidewall Vent Cap	370191	CLQS1	2		
LP Conversion Kit	AOPS7749	CLQS1	1		
Nat. Conversion Kit	AOPS7745	CLQS1	1		
Neutralizer Kit	320095	CLQS1	6		
Mini Condensate Pump	AOPS7614	CLQS1	5		
50CLQ Base	50CLQ-Base	CLQS1-050	15		
125CLQ Base	125CLQ-Base	CCLQS1-075, 100, 125	18		



Mobile Home/Cottage Furnaces Accessories

Prices effective: May 2, 2022

MODEL NO.	AFUE%	BTU/H OUTPUT	SHIPPING WT. (lbs.)	
OIL MOBILE HOME/COTTAGE FURNACES				
OME-72D36 (with PSC blower motor and Beckett AFG Burner)	86	60,000/72,000	210	
OME-72T36 (with ECM blower motor and Beckett AFG Burner)	86	60,000/72,000	210	
GAS MOBILE HOME/COTTAGE FURNACES				
GMD2-60N	81.6	50,000	185	
GMD2-80N	81	65,000	185	
CMA4-50D36N	95	48,000	185	
CMA4-75D36N	95	72,000	185	
CMC2-50D36N with PSC blower motor and integrated coil cabinet	95	48,000	220	
CMC2-75D36N with PSC blower motor and integrated coil cabinet	95	72,000	220	
CMC2-50DV3N with ECM blower motor and integrated coil cabinet	95	48,000	220	
CMC2-75DV3N with ECM blower motor and integrated coil cabinet	95	72,000	220	
MOBILE HOME ACCESSORIES				
DESCRIPTION	PART NO.	FURNACE or ACCESSORY MODEL	SHIPPING WT. (lbs)	
70-Base	70-BASE	OME, GMD, CMA	25	
Cottage Base	01COT-BASE	OME, GMD, CMA	35	
4" Stainless Steel Vent Pipe (34" long)	VP-1	OME, GMD	6	
1' Roof Jack	TRJ-1	OME, GMD	30	
2' Roof Jack	TRJ-2	OME, GMD	30	
3' Roof Jack	TRJ-3	OME, GMD	36	
Slope Adapter for roof pitch 2-1/2"—12"	TSA-25	OME, GMD, CMA, CMC	8	
Slope Adapter for roof pitch 3-1/2"—12"	TSA-30	OME, GMD, CMA, CMC	8	
2" Concentric Vent Kit with 4" Adapter for 4" Roof Jack	AOPS7483	CMA, CMC	20	
2" Concentric Vent Kit with 5" Adapter for 5" Roof Jack	AOPS7544	CMA, CMC	12	
Dual Pipe Flashing Kit	AOPS7484	CMA, CMC	10	
Combustion Air Intake Hood	AOPS7402	OME, GMD	3	
Roof Jack Combustion Air Kit	AOPS7512	OME	16	
Flexible Stainless Steel Offset Vent Kit	AOPS7518	OME, GMD	3	
High Altitude Orifice Kit - 2001-4500 ft	AOPS7732	CMA, CMC	1	
High Altitude Orifice Kit - 4501-6500 ft	AOPS7733	CMA, CMC	1	
High Altitude Orifice Kit - 6501-8500 ft	AOPS7734	CMA, CMC	1	
GMD1-80N Upgrade Blower Kit for 3 Ton AC	AOPS2677	GMD1-80	42	
Neutralizing Kit	320095	CMA, CMC	6	
Mini Condensate Pump	AOPS7614	CMA, CMC	3	
Transition Boot with Screen	AOPS8419	OME, GMD	6	

AC Evaporator Coils and Cabinets

All coils come with TXV suitable for AC & HP applications

THERMO PRIDE COLOR-MATCHED CASED COILS FOR UPFLOW FURNACES

CASED COIL MODEL NO.	CABINET DIM. W X D X H (in.)	PLENUM OPENING W X D (in.)	SHIPPING WEIGHT (lbs.)	
HE33936PA212	21.25 X 21.25 X 19	19.8 X 19.8	50	
HE47936PA212	21.25 X 21.25 X 29	19.8 X 19.8	72	
HE50960PA212	21.25 X 21.25 X 29	19.8 X 19.8	72	

DOWNFLOW CABINET APPLICATIONS

CABINET NO.	FURNACE APPLICATION	CABINET DIMENSIONS	Uncased Coil Part No. (See Uncased Coil Pricing Below)	SHIPPING WEIGHT (lbs.)	
		W X D X H (in.)			
CE112S	OD6 Downflow	20 X 30 X 18	HE33936UA170	36	
CE312T	OD6 Downflow	23.25 X 30 X 29.5	HE47936UA205	48	
			HE50960UA205		
CE215T	CLQS1-050	17.75 X 27.8 X 18.5	HE33936UA170	30	
CE216T	CLQS1-075, 100, 125	21.25 X 27.8 X 28.5	HE33936UA200	42	
			HE50960UA205		
			HE47936UA205		
CE217T	CLQS1-125	24.75 X 27.8 X 28.5	HE33936UA200	44	
			HE50960UA205		
			HE47936UA205		

MOBILE HOME CABINET APPLICATIONS

CABINET NO.	FURNACE APPLICATION	CABINET DIMENSIONS	Uncased Coil Part No. (See Uncased Coil Pricing Below)	SHIPPING WEIGHT (lbs.)	
		W X D X H (in.)			
CE111S	OME, GMD, CMA	18.75 X 24.75 X 20	HE33936UA170	35	

YOU MUST ORDER THE CABINET AND COIL SEPARATELY FOR THE APPLICATIONS ABOVE. THE CABINETS ABOVE ARE FOR USE WITH UNCASED COILS ONLY. COILS NOT INCLUDED WITH CABINET. SEE BELOW FOR UNCASED COIL PRICE.

UNCASED COILS

UNCASED COIL MODEL NO.	TONS	DIMENSIONS W X D X H (in.)	SHIPPING WEIGHT (lbs.)	
HE33936UA170	2 to 3	17 X 19.5 X 17	32	
HE33936UA200	2 to 3	20 X 19.5 X 17	32	
HE47936UA205	2 to 3	20.5 X 19.5 X 27	50	
HE50960UA205	3.5 to 5.0	20.5 X 19.5 X 27	50	

All Thermo Pride coils are made by ADP and use the same model numbers that match with many other condenser manufactures. Please visit www.ahridirectory.org to match a Thermo Pride coil with one of those many condensers.

Air Handlers with Optional Hydronic Heating Coils

The Advantage of our Air Handler System

The Thermo Pride air handlers are designed to be used as a stand-alone cooling, stand-alone heating or combination heating and cooling air handler. The air handlers can be installed in a upflow or horizontal applications. The cooling coil comes factory installed. In heating mode, our air handler provides up to 70° temperature rise (at 180°F entering water temperature), which provides warmer air than many air handlers on the market. All units operate on 115V and coils use 410A refrigerant.

Our air handler requires little maintenance and provides efficiency, longevity, and worry-free comfort. It also comes with our standard 10-year coil and 5-year parts warranty.

MODEL NO.	COOLING BTU/H CAPACITY	HEATING BTU/H OUTPUT ²	SHIPPING WT. (lbs.)	
COMPONENTS				
AH2436AE1 (cabinet with factory installed A/C coil) 2-3 Ton, 115V, ECM Blower Motor	24,000-36,000	--	130	
HC1-B (Hydronic Coil), Inlet Temperature Range (F) 140-180	--	32,000-75,000	21	
UA1-C (Upflow Adapter Cabinet) ¹		--	43	
AH4260AE1 (cabinet with factory installed A/C coil) 3.5-5.0 Tons	36,000-60,000	--	180	
HC2-A (Hydronic Coil), Inlet Temperature Range (F) 140-180	--	55,000-120,000	34	
UA2-C (Upflow Adapter Cabinet) ¹		--	48	

¹ Return base including filter rack for upflow applications

² Based on 180°F boiler water temperature and 7 GPM circulator

Plenums and Transitions

FURNACE MODEL	PART NO.	DIMENSIONS WxDxH (in.)		
SUPPLY PLENUMS				
OH6	PK181X191	18 x 19 x 36		
AH4260AE1, OH8, OL6, OT11, VH8, VL8, VLR, VLF, CLQS1-075T42N, 100T48N, 125T60N	PK202X202	20 x 20 x 36		
CLQS1-050T36N	PK164X202	14 x 20 x 36		
OD6	PK181X201	18 x 20 x 36		
OT16	PK201X221	20 x 22 x 36		
VC	PK163X163	16 x 16 x 36		
VHF	PK192X192	19 x 19 x 36		
RETURN PLENUMS				
OL6	PK181X201	18 x 20 x 36		
VL8	PK161X201	20 x 16 x 36		
OT11	PK202X202	20 x 20 x 36		
OT16	PK201X221	20 x 22 x 36		
OD6	PK181X191	18 x 19 x 36		
VC	PK163X163	16 x 16 x 36		
VLR, VLF	PK126X202	12-1/2 x 20 x 36		
TRANSITIONS				
OH6, VHF	PT1819X2020	N/A		
Transition from 18 x 19 plenum flanges to 20 x 20 6" high, includes S-Locks				
RETURN BOOT AND DROP KIT				
OH6, VHF, CLQS1-050T, 075T, 100T	RD2510X2516	N/A		
Fits factory supplied optional filter rack (25 x 16), includes 25 x 10 x 60 drop, 90 degree boot and flexible starting collar				
OH8, VH8, CLQS1-125T60N	RD2512X2520	N/A		
Fits factory supplied optional filter rack (25 x 20), includes 25 x 12 x 60 drop, 90 degree boot and flexible starting collar				

Note: Plenums ship knocked down



Spirit Oil Furnaces

Prices effective: May 2, 2022

MODEL NO.	AFUE%	BTU/H OUTPUT	SHIPPING WT. (lbs.)	
OIL LOW PROFILE HIGHBOY FURNACES				
PSC DIRECT DRIVE BLOWER MOTOR				
VHF-ABP (with Beckett AFG)	85	60,000/72,000/90,000	240	
VHF-ACP (with Carlin EZ-1HP)	86	60,000/72,000/90,000	240	
CONSTANT TORQUE ECM BLOWER MOTOR				
VHF-ABT (with Beckett AFG)*	85	60,000/72,000/90,000	275	
VHF-ACT (with Carlin EZ-1HP)*	86	60,000/72,000/90,000	275	
* Energy Star Qualified				
OIL HIGHBOY FURNACES				
PSC DIRECT DRIVE BLOWER MOTOR WITH BECKETT AFG BURNER				
VH8FA119P60B	85	101,000/119,000/132,000	335	
ECM BLOWER MOTOR WITH BECKETT AFG BURNER				
VH8FA119T60B *	85	101,000/119,000/132,000	335	
* Energy Star Qualified				
OIL LOWBOY FURNACES (Higher Capacity)				
PSC DIRECT DRIVE BLOWER MOTOR				
VLF-DBP (Front Flue with Beckett AFG)	85	70,000/88,000/98,000/114,000	305	
VLR-DBP (Rear Flue with Beckett AFG)	85	70,000/88,000/98,000/114,000	305	
VLF-DCP (Front Flue with Carlin EZ-1HP)	86	70,000/88,000/98,000/114,000	305	
VLR-DCP (Rear Flue with Carlin EZ-1HP)	86	70,000/88,000/98,000/114,000	305	
HIGH CAPACITY				
VL8FA119P60B (front flue)	85	101,000/119,000/132,000	345	
VL8RA119P60B (rear flue)	85	101,000/119,000/132,000	345	
OIL COUNTERFLOW / HORIZONTAL FURNACES				
PSC DIRECT DRIVE BLOWER MOTOR WITH BECKETT AFG BURNER				
VC-CBP	85	69,000/88,000/97,000	300	
ACCESSORIES				
DESCRIPTION	PART NO.	FURNACE	SHIPPING WT. (lbs.)	
Combustible Floor Base	VC-Base	VC-CBP	23	
4 Ton Upgrade Blower Kit	S00S4140	VC-CBP	44	
4 Ton Upgrade Blower Kit	S00S4141	VLF-CBP, VLR-CBP	44	
Field Direct Vent Termination Kit (includes vent hood & 15' flexible vent pipe) for Beckett and Carlin	AOPS8393	VHF-AB*, VHF-AC*	41	
Field Direct Vent Termination Kit (includes vent hood & 15' flexible vent pipe)	AOPS8414	VH8, VL8	42	
Sidewall Vent Accessory Kit for Beckett Burner (Required when using Field Direct Vent Termination Kits above.)	AOPS8394	VHF-AB*, VH8, VL8	4	
Sidewall Vent Accessory Kit for Carlin Burner (Required when using Field Direct Vent Termination Kits above.)	AOPS8432	VHF-AC*	3	
Blocked Vent Switch for (Canadian Applications)	350156	All Models	2	
Combustion Air Kit for Beckett AFG Burner for	AOPS8397	VHF-AB*, VH8, VL8	6	
Combustion Air Kit for Carlin EZ-1 Burner	AOPS8433	VHF-AC*	6	
Combustion Air Kit for combustion air only	AOPS7482	VL*-CBP, VL*-DBP, VL*-DCP, VC-CBP	6	



Thermo Pride®

Spirit Series

Spec Sheets

Full specifications and manuals are available online at www.thermopride.com.



Scan for all Current and Discontinued Specifications



OIL FIRED UPFLOW FURNACE SPECIFICATIONS

MODEL NO.	OH6FA072D48 / DV4 B			OH6FA072D48 / DV4 R			OH6FA072D48 / DV4 C		
HEATING CAPACITY	High Fire	Med Fire	Low Fire	High Fire	Med Fire	Low Fire	High Fire	Med Fire	Low Fire
HEAT INPUT RATE (BTUH)	106,250	85,000	70,000	106,250	85,000	70,000	106,250	85,000	70,000
OUTPUT BTUH ¹	89,000	72,000	60,000	90,000	73,000	60,000	90,000	71,000	60,000
SEASONAL EFFICIENCY ²	86.0%			86.1%			86.0%		
LARGEST REC A/C ³	4 Tons			4 Tons			4 Tons		
NOMINAL TEMP RISE	66°	66°	66°	66°	66°	66°	66°	66°	66°
HEAT EXCHANGER AREA									
CASING HEIGHT (IN.):	45"			45"			45"		
CASING WIDTH (IN.):	20"			20"			20"		
CASING DEPTH (IN.):	30"			30"			30"		
NOMINAL FLUE OUTLET DIA.	5"			5"			5"		
APPROX SHIPPING WEIGHT LBS	250			250			250		
APPROVAL STANDARDS	UL727 CAN/CSA B140.4			UL727 CAN/CSA B140.4			UL727 CAN/CSA B140.4		
QTY AND SIZE OF PERMANENT FILTERS	(1) 24 3/4" X 15 3/4"			(1) 24 3/4" X 15 3/4"			(1) 24 3/4" X 15 3/4"		
ELECTRICAL REQUIREMENTS VAC/HZ/PH	120/60/1			120/60/1			120/60/1		
MAX FUSE SIZE (AMPS) PSC/ECM	15 / 15			15 / 15			15 / 15		
TOTAL CURRENT (AMPS) PSC/ECM	8.7 / 12.1			8.7 / 12.1			8.7 / 12.1		
HEIGHT FROM FLOOR TO CENTER OF FLUE	40 3/4"			40 3/4"			40 3/4"		
SUPPLY AIR OUTLET SIZE (W-IN. X D-IN.)	18" X 19" (20" X 20") ⁵			18" X 19" (20" X 20") ⁵			18" X 19" (20" X 20") ⁵		
RETURN AIR DUCTWORK CONNECTION FLANGE SIZE ON FILTER RACK (D-IN. X H-IN.)	24 1/2" X 15"			24 1/2" X 15"			24 1/2" X 15"		
RETURN AIR INLET OPENING SIZE IN SIDE CASING (TO BE CUTOUT BY DEALER) (D-IN. X H-IN.)	23" X 14"			23" X 14"			23" X 14"		
	ACCESSORY ITEMS								
2-LINE SYSTEM KIT FOR RIELLO	N/A			380705			N/A		
COMBUSTION AIR KIT	AOPS8397			AOPS8416			AOPS8433		
FIELD VENT TERMINATION KIT	AOPS8393			AOPS8393			AOPS8393		
SIDEWALL VENT ACCESSORIES KIT	AOPS8394			AOPS8395			AOPS8432		
BLOCKED VENT KIT ⁴	AOPS2686			AOPS2686			AOPS2686		
OIL BURNER	BECKETT AFG (380692)			RIELLO BF3 (380693)			CARLIN EZ-1HP (380835)		
SUPPLY PLENUM	PK181X191			PK181X191			PK181X191		
RETRUN BOOT & DROP KIT	RD2510X2516			RD2510X2516			RD2510X2516		
CASED COIL 2-3 TON	HE33936PA212			HE33936PA212			HE33936PA212		
CASED COIL 2-3 TON HIGH EFF.	HE47936PA212			HE47936PA212			HE47936PA212		
CASED COIL 3.5-4 TON	HE50960PA212			HE50960PA212			HE50960PA212		

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 TO PERMIT LARGEST RECOMMENDED AIR CONDITIONING (AT .5 STATIC PRESSURE), SELECTION OF THE HIGHEST MOTOR SPEED IS REQUIRED.

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

⁵ PLENUM ADAPTERS INCLUDED WITH UNIT MUST BE INSTALLED FOR 20"x20" PLENUM.



OIL FIRED UPFLOW FURNACE SPECIFICATIONS

MODEL NO.	OL6*A072D48/DV5 B			OL6*A072D48/DV5 R			OL6*A072D48/DV5 C		
HEATING CAPACITY	High Fire	Med Fire	Low Fire	High Fire	Med Fire	Low Fire	High Fire	Med Fire	Low Fire
HEAT INPUT RATE (BTUH)	106,250	85,000	70,000	106,250	85,000	70,000	106,250	85,000	70,000
OUTPUT BTUH ¹	89,000	72,000	60,000	90,000	73,000	60,000	89,000	72,000	60,000
SEASONAL EFFICIENCY ²	86.5%			87.0%			86.0%		
LARGEST REC A/C ³	4 Tons / 5 Tons			4 Tons / 5 Tons			4 Tons / 5 Tons		
NOMINAL TEMP RISE	66°	66°	66°	66°	66°	66°	66°	66°	66°
HEAT EXCHANGER AREA									
CASING HEIGHT (IN.):	34-3/4"			34-3/4"			34-3/4"		
CASING WIDTH (IN.):	20"			20"			20"		
CASING DEPTH (IN.):	50"			50"			50"		
NOMINAL FLUE OUTLET DIA.	5"			5"			5"		
APPROX SHIPPING WEIGHT LBS	250			250			250		
APPROVAL STANDARDS	UL727 CAN/CSA B140.4			UL727 CAN/CSA B140.4			UL727 CAN/CSA B140.4		
QTY AND SIZE OF PERMANENT FILTERS	(2) 19-3/4" X 13-3/4"			(2) 19-3/4" X 13-3/4"			(2) 19-3/4" X 13-3/4"		
ELECTRICAL REQUIREMENTS VAC/HZ/PH	120/60/1			120/60/1			120/60/1		
MAX FUSE SIZE (AMPS) PSC/ECM	15 / 15			15 / 15			15 / 15		
TOTAL CURRENT (AMPS) PSC/ECM	8.7 / 12.3			8.7 / 12.3			8.7 / 12.3		
HEIGHT FROM FLOOR TO CENTER OF FLUE	28-3/8"			28-3/8"			28-3/8"		
SUPPLY AIR OUTLET SIZE (W-IN. X D-IN.)	18" X 20" (20" X 20") ⁵			18" X 20" (20" X 20") ⁵			18" X 20" (20" X 20") ⁵		
RETURN AIR INLET OPENING SIZE (W-IN. X D-IN.)	18" X 18" (20" X 18") ⁵			18" X 18" (20" X 18") ⁵			18" X 18" (20" X 18") ⁵		
	ACCESSORY ITEMS								
2-LINE SYSTEM KIT FOR RIELLO	N/A			380705			N/A		
COMBUSTION AIR KIT	AOPS8397			AOPS8416			AOPS8433		
FIELD VENT TERMINATION KIT	AOPS8393			AOPS8393			AOPS8393		
SIDEWALL VENT ACCESSORIES KIT	AOPS8394			AOPS8395			AOPS8432		
BLOCKED VENT KIT ⁴	AOPS2686			AOPS2686			AOPS2686		
OIL BURNER	BECKETT AFG (380692)			RIELLO BF3 (380693)			CARLIN EZ-1HP (380835)		
SUPPLY PLENUM	PK202X202			PK202X202			PK202X202		
RETRUN PLENUM	PK181X201			PK181X201			PK181X201		
CASED COIL 2-3 TON	HE33936PA212			HE33936PA212			HE33936PA212		
CASED COIL 2-3 TON HIGH EFF.	HE47936PA212			HE47936PA212			HE47936PA212		
CASED COIL 3.5-5 TON	HE50960PA212			HE50960PA212			HE50960PA212		

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 TO PERMIT LARGEST RECOMMENDED AIR CONDITIONING (AT .5 STATIC PRESSURE), SELECTION OF THE HIGHEST MOTOR SPEED IS REQUIRED.

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

⁵ PLENUM ADAPTERS, INCLUDED WITH UNIT, MUST BE INSTALLED FOR 20" PLENUM WIDTH.



OIL FIRED COUNTERFLOW/*HORIZONTAL FURNACE SPECIFICATIONS

MODEL NO.	OD6F/RA072D48(V5)B			OD6F/RA072D48(V5)R			OD6F/RA072D48(V5)C		
HEATING CAPACITY	High Fire	Med Fire	Low Fire	High Fire	Med Fire	Low Fire	High Fire	Med Fire	Low Fire
HEAT INPUT RATE (BTUH)	106,250	85,000	70,000	106,250	85,000	70,000	106,250	85,000	70,000
OUTPUT BTUH¹	89,000	72,000	60,000	89,000	72,000	60,000	89,000	72,000	60,000
SEASONAL EFFICIENCY²	85.7%			85.7%			85.0%		
LARGEST REC A/C³	4 Tons (5 Tons)			4 Tons (5 Tons)			4 Tons (5 Tons)		
NOMINAL TEMP RISE	66°	66°	66°	66°	66°	66°	66°	66°	66°
HEAT EXCHANGER AREA									
CASING HEIGHT (IN.):	45"			45"			45"		
CASING WIDTH (IN.):	20"			20"			20"		
CASING DEPTH (IN.):	30"			30"			30"		
NOMINAL FLUE OUTLET DIA.	5"			5"			5"		
APPROX SHIPPING WEIGHT LBS	250			250			250		
APPROVAL STANDARDS	UL727 CAN/CSA B140.4			UL727 CAN/CSA B140.4			UL727 CAN/CSA B140.4		
QTY AND SIZE OF PERMANENT FILTERS	(2) 18-3/4" X 12-3/4"			(2) 18-3/4" X 12-3/4"			(2) 18-3/4" X 12-3/4"		
ELECTRICAL REQUIREMENTS VAC/HZ/PH	120/60/1			120/60/1			120/60/1		
MAX FUSE SIZE (AMPS) PSC/ECM	15 / 15			15 / 15			15 / 15		
TOTAL CURRENT (AMPS) PSC/ECM	8.7 / 12.3			8.7 / 12.3			8.7 / 12.3		
HEIGHT FROM FLOOR TO CENTER OF FLUE (F/R)	20-1/2" / 20-1/2"			20-1/2" / 20-1/2"			20-1/2" / 20-1/2"		
SUPPLY AIR OUTLET SIZE (W-IN. X D-IN.)	18" X 20"			18" X 20"			18" X 20"		
RETURN AIR INLET OPENING SIZE (W-IN. X D-IN.)	18" X 19"			18" X 19"			18" X 19"		
	ACCESSORY ITEMS								
2-LINE SYSTEM KIT FOR RIELLO	N/A			380705			N/A		
COMBUSTION AIR KIT	AOPS8397			AOPS8416			AOPS8433		
FIELD VENT TERMINATION KIT	AOPS8393			AOPS8393			AOPS8393		
SIDEWALL VENT ACCESSORIES KIT	AOPS8394			AOPS8395			AOPS8432		
COMBUSTIBLE FLOOR BASE	D6-BASE			D6-BASE			D6-BASE		
COTTAGE BASE	D6COT-BASE			D6COT-BASE			D6COT-BASE		
COIL CABINET	CE112S, CE312T			CE112S, CE312T			CE112S, CE312T		
BLOCKED VENT KIT⁴	AOPS2686			AOPS2686			AOPS2686		
OIL BURNER	BECKETT AFG (380692)			RIELLO BF3 (380693)			CARLIN EZ-1HP (380835)		
SUPPLY PLENUM	PK181X201			PK181X201			PK181X201		
RETURN PLENUM	PK181X191			PK181X191			PK181X191		
COUNTERFLOW									
CABINET / COIL 2-3TON	CE112S / HE33936UA170			CE112S / HE33936UA170			CE112S / HE33936UA170		
CABINET / COIL 2-3TON HIGH EFF.	CE312T / HE47936UA205			CE312T / HE47936UA205			CE312T / HE47936UA205		
CABINET / COIL 3.5-5 TON	CE312T / HE50960UA205			CE312T / HE50960UA205			CE312T / HE50960UA205		
HORIZONTAL									
CASED COIL 2-3TON	HE33936CH210			HE33936CH210			HE33936CH210		
CASED COIL 2-3TON HIGH EFF.	HE47936CH210			HE47936CH210			HE47936CH210		
CASED COIL 3.5-5 TON	HE50960CH210			HE50960CH210			HE50960CH210		

*Horizontal installation for left or right supply.

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 TO PERMIT LARGEST RECOMMENDED AIR CONDITIONING (AT .5 STATIC PRESSURE), SELECTION OF THE HIGHEST MOTOR SPEED IS REQUIRED.

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



OIL FIRED UPFLOW FURNACE SPECIFICATIONS

MODEL NO.	OH8FA119D60/DV5B			OH8FA119D60/DV5R			OH8FA119D60/DV5C		
HEATING CAPACITY	High Fire	Med Fire	Low Fire	High Fire	Med Fire	Low Fire	High Fire	Med Fire	Low Fire
HEAT INPUT RATE (BTUH)	156,250	140,000	119,000	156,250	140,000	119,000	156,250	140,000	119,000
OUTPUT BTUH ¹	132,000	120,000	101,000	132,000	120,000	101,000	132,000	120,000	101,000
SEASONAL EFFICIENCY ²	85.8%			86.0%			85.0%		
LARGEST REC A/C ³	5 Tons			5 Tons			5 Tons		
NOMINAL TEMP RISE	66°	66°	66°	66°	66°	66°	66°	66°	66°
HEAT EXCHANGER AREA									
CASING HEIGHT (IN.):	50 1/8"			50 1/8"			50 1/8"		
CASING WIDTH (IN.):	24 1/2"			24 1/2"			24 1/2"		
CASING DEPTH (IN.):	36 1/2"			36 1/2"			36 1/2"		
NOMINAL FLUE OUTLET DIA.	7"			7"			7"		
APPROX SHIPPING WEIGHT LBS	310			310			310		
APPROVAL STANDARDS	UL727 CAN/CSA B140.4			UL727 CAN/CSA B140.4			UL727 CAN/CSA B140.4		
QTY AND SIZE OF PERMANENT FILTERS	(1) 24 3/4" X 19 3/4"			(1) 24 3/4" X 19 3/4"			(1) 24 3/4" X 19 3/4"		
ELECTRICAL REQUIREMENTS VAC/HZ/PH	120/60/1			120/60/1			120/60/1		
MAX FUSE SIZE (AMPS) PSC/ECM	20/20			20/20			20/20		
TOTAL CURRENT (AMPS) PSC/ECM									
HEIGHT FROM FLOOR TO CENTER OF FLUE	42 1/2"			42 1/2"			42 1/2"		
SUPPLY AIR OUTLET SIZE (W-IN. X D-IN.)	20" X 20"			20" X 20"			20" X 20"		
RETURN AIR DUCTWORK CONNECTION FLANGE SIZE ON FILTER RACK (D-IN. X H-IN.)	23 3/4" X 19"			23 3/4" X 19"			23 3/4" X 19"		
RETURN AIR INLET OPENING SIZE IN SIDE CASING (TO BE CUTOUT BY DEALER) (D-IN. X H-IN.)	23" X 14"			23" X 14"			23" X 14"		
OPTIONAL REAR RETURN AIR OPENING (D-IN X H-IN)	22" X 14"			22" X 14"			22" X 14"		
	ACCESSORY ITEMS								
2-LINE SYSTEM KIT FOR RIELLO	N/A			380705			N/A		
FIELD VENT TERMINATION KIT ⁵	AOPS8414			AOPS8414			N/A		
SIDEWALL VENT ACCESSORIES KIT ⁵	AOPS8394			AOPS8395			N/A		
COMBUSTION AIR KIT	AOPS8397			AOPS8416			N/A		
BLOCKED VENT SWITCH ⁴	350156			350156			350156		
OIL BURNER	BECKETT AFG			RIELLO BF5			CARLIN EZ-1HP		

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 TO PERMIT LARGEST RECOMMENDED AIR CONDITIONING (AT .5 STATIC PRESSURE), SELECTION OF THE HIGHEST MOTOR SPEED IS REQUIRED.

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

⁵ NOT TO BE USED WITH CARLIN BURNER.



OIL FIRED UPFLOW FURNACE SPECIFICATIONS

MODEL NO.	OL8*A119T60 B			OL8*A119T60 R			OL8*A119T60 C		
HEATING CAPACITY	High Fire	Med Fire	Low Fire	High Fire	Med Fire	Low Fire	High Fire	Med Fire	Low Fire
HEAT INPUT RATE (BTUH)	156,250	140,000	119,000	156,250	140,000	119,000	156,250	140,000	119,000
OUTPUT BTUH ¹	132,000	119,000	101,000	132,000	119,000	101,000	132,000	119,000	101,000
SEASONAL EFFICIENCY ²	85.0%			85.0%			85.0%		
LARGEST REC A/C ³	5 Tons			5 Tons			5 Tons		
NOMINAL TEMP RISE	67°	67°	67°	67°	67°	67°	67°	67°	67°
HEAT EXCHANGER AREA									
CASING HEIGHT (IN.):	37-1/2"			37-1/2"			37-1/2"		
CASING WIDTH (IN.):	24-1/2"			24-1/2"			24-1/2"		
CASING DEPTH (IN.):	55-1/2"			55-1/2"			55-1/2"		
NOMINAL FLUE OUTLET DIA.	7"			7"			7"		
APPROX SHIPPING WEIGHT LBS	315			315			315		
APPROVAL STANDARDS	UL727			UL727			UL727		
QTY AND SIZE OF PERMANENT FILTERS	(2) 11-3/4" X 21-3/4"			(2) 11-3/4" X 21-3/4"			(2) 11-3/4" X 21-3/4"		
ELECTRICAL REQUIREMENTS VAC/HZ/PH	120/60/1			120/60/1			120/60/1		
MAX FUSE SIZE (AMPS)	20			20			20		
TOTAL CURRENT (AMPS)	16			16			16		
HEIGHT FROM FLOOR TO CENTER OF FLUE	30-1/4"			30-1/4"			30-1/4"		
SUPPLY AIR OUTLET SIZE (W-IN. X D-IN.)	20" X 20"			20" X 20"			20" X 20"		
RETURN AIR INLET OPENING SIZE (W-IN. X D-IN.)	20" X 16"			20" X 16"			20" X 16"		
	ACCESSORY ITEMS								
2-LINE SYSTEM KIT FOR RIELLO	N/A			380705			N/A		
COMBUSTION AIR INTAKE HOOD KIT	AOPS8397			AOPS8416			AOPS8433		
FIELD VENT TERMINATION KIT	AOPS8414			AOPS8414			AOPS8414		
SIDEWALL VENT ACCESSORIES KIT	AOPS8394			AOPS8395			AOPS8432		
OIL BURNER	BECKETT AFG 380754			RIELLO BF5 380756			CARLIN EZ-1HP 380836		

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 TO PERMIT LARGEST RECOMMENDED AIR CONDITIONING (AT .5 STATIC PRESSURE), SELECTION OF THE HIGHEST MOTOR SPEED IS REQUIRED.



OIL FIRED UPFLOW FURNACE SPECIFICATIONS

MODEL NO.	OL20*A151T60 B	OL20*A151T60 R
HEATING CAPACITY		
HEAT INPUT RATE (BTUH)	185,000	185,000
OUTPUT BTUH ¹	153,000	153,000
SEASONAL EFFICIENCY ²	85.0%	85.0%
LARGEST REC A/C ³	5 Tons	5 Tons
NOMINAL TEMP RISE	70°	70°
HEAT EXCHANGER AREA	7525 SQ IN	7525 SQ IN
CASING HEIGHT (IN.):	50-1/2"	50-1/2"
CASING WIDTH (IN.):	27"	27"
CASING DEPTH (IN.):	58-1/2"	58-1/2"
NOMINAL FLUE OUTLET DIA.	7"	7"
APPROX SHIPPING WEIGHT LBS	600	600
APPROVAL STANDARDS	UL727	UL727
QTY AND SIZE OF PERMANENT FILTERS	(2) 14" X 25"	(2) 14" X 25"
ELECTRICAL REQUIREMENTS VAC/HZ/PH	120/60/1	120/60/1
MAX FUSE SIZE (AMPS)	20	20
TOTAL CURRENT (AMPS)	18.9	18.9
HEIGHT FROM FLOOR TO CENTER OF FLUE	44-1/4"	44-1/4"
SUPPLY AIR OUTLET SIZE (W-IN. X D-IN.)	22" X 22"	22" X 22"
RETURN AIR INLET OPENING SIZE (W-IN. X D-IN.)	22" X 18"	22" X 18"
	ACCESSORY ITEMS	
COMBUSTION AIR INTAKE HOOD KIT	PVB-2	N/A
OIL BURNER	BECKETT AFG 380739	RIELLO F5 ROB-20

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 TO PERMIT LARGEST RECOMMENDED AIR CONDITIONING (AT .5 STATIC PRESSURE), SELECTION OF THE HIGHEST MOTOR SPEED IS REQUIRED.



OIL FIRED FURNACE SPECIFICATIONS

		HORIZONTAL			
MODEL SERIES		OT11-105 ¹		OT16-125 ¹	
BTU OUTPUT					
	BECKETT AFG	101,000		123,000/134,550	
	RIELLO	101,000		123,000	
	CARLIN	N/A		N/A	
HEIGHT OF CASING		24"		26"	
WIDTH OF CASING		74"		74"	
DEPTH OF CASING		24 1/2"		26"	
WARM AIR OUTLET (WxD in inches)		20"x20"		22"x20"	
RETURN AIR INLET (WxD in inches)		20"x20"		22"x20"	
DIAMETER OF FLUE					
FLOOR TO CENTER OF FLUE (IN.)		6"		7"	
STANDARD BLOWER MOTOR		1/2 HP 4-speed		3/4 HP 4-speed	
OPTIONAL ECM BLOWER MTR		N/A		N/A	
CFM @ 0.2 & 0.5 W.C.		0.2"	0.5"	0.2"	0.5"
BELT DRIVE					
STANDARD D.D. PSC	HI SPEED	1596	1408	2237	2062
	MH SPEED	1329	1162	2020	1897
	MED. SPEED	1069	940	1877	1789
	ML SPEED	863	742	NOT RECOMMENDED	
	LOW SPEED				
A/C CAPACITY					
BELT ³					
D.D. PSC		3 1/2 Ton		5 Ton	
D.D. PSC UPGRADE		4 Ton			
BECKETT	NOZZLE SIZE GPH	0.90		1.10 1.25	
	SPRAY ANGLE/PATTERN	80° A		80° A	
	PUMP PRESSURE	100 PSI		120 PSI	
RIELLO	NOZZLE SIZE	0.75		0.90	
	SPRAY ANGLE/PATTERN	80° A		80° A	
	PUMP PRESSURE	145		145	
SHIPPING WEIGHT (LBS.)		445		500	
SEASONAL AFUE BECKETT ⁴		83%		83%	
SEASONAL AFUE RIELLO		83%		83%	

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

All models on Chart are UL Listed.

All specifications subject to change without notice.



SINGLE STAGE CONDENSING GAS MULTI-POSITION FURNACE SPECIFICATIONS

MODEL NO.	CLQS1-050T36N	CLQS1-075T42N	CLQS1-100T48N	CLQS1-125T60N
FUEL	GAS NAT/LP ⁴	GAS NAT/LP ⁴	GAS NAT/LP ⁴	GAS NAT/LP ⁴
INPUT BTUH	50,000	75,000	100,000	125,000
OUTPUT BTUH ¹	48,000	73,000	96,000	120,000
SEASONAL EFFICIENCY ²	95.0%	95.0%	95.0%	95.0%
LARGEST REC A/C ³	3 T	3.5 T	4 T	5 T
NOMINAL TEMP RISE	60°	60°	60°	60°
APPROX EFFECTIVE HEATING SURFACE	4225 SQ IN.	4490 SQ IN.	5550 SQ IN.	5815 SQ IN.
APPROX SHIPPING WEIGHT	155 LBS	166 LBS	183 LBS	196 LBS
APPROVAL AGENCY	ETL	ETL	ETL	ETL
DIA OF FLUE (PVC)	2"	2"	3"	3"
DIA OF COMBUSTION AIRINTAKE (PVC)	2"	2"	3"	3"
SUPPLY AIR OUTLET SIZE (W-IN x D-IN)	16-1/2" x 20" (20"x20") ⁵	20" x 20"	20" x 20"	20" x 20"
RETURN AIR DUCTWORK CONNECTION ON FILTER RACK (D-IN x H-IN)	24-1/2" x 15"	24-1/2" x 15"	24-1/2" x 15"	23-3/4" x 19"
CASING (TO BE CUTOUT BY DEALER) (D-IN x H-IN)	23-1/8" x 14-1/8"	23-1/8" x 14-1/8"	23-1/8" x 14-1/8"	23-1/8" x 14-1/8"
QTY AND SIZE OF PERMANENT FILTERS	ONE 1" x 25" x 16"	ONE 1" x 25" x 16"	ONE 1" x 25" x 16"	ONE 1" x 25" x 20"
ELECTRICAL RATING	115V 60HZ 1PH	115V 60HZ 1PH	115V 60HZ 1PH	115V 60HZ 1PH
MAX FUSE SIZE	15 AMP	15 AMP	15 AMP	15 AMP
ACCESSORY ITEMS				
COMBUSTIBLE FLOOR BASE	50CLQ-BASE	125CLQ-BASE	125CLQ-BASE	125CLQ-BASE
CE COIL CABINET	CE215T	CE216T	CE216T	CE217T
FILTER RACK	AOPS7547	AOPS7547	AOPS7547	AOPS7375
CONCENTRIC VENT KIT	AOPS7488	AOPS7488	AOPS7489	AOPS7489
SIDEWALL VENT CAP	370191	370191	370191	370191
NEUTRALIZER KIT	320095	320095	320095	320095
MINI CONDENSATE PUMP KIT	AOPS7614	AOPS7614	AOPS7614	AOPS7614
SUPPLY PLENUM	PK164X202	PK202X202	PK202X202	PK202X202
RETURN AIR DROP	RD2510X2516	RD2510X2516	RD2510X2516	RD2512X2520
FURNACE PARTS KIT	AOPS7768	AOPS7768	AOPS7768	AOPS7768

¹ OUTPUT BTUH BASED ON AHRI LISTING.

² SEASONAL EFFICIENCY (ALSO CALLED AFUE - ANNUAL FUEL UTILIZATION EFFICIENCY) RATINGS ARE BASED ON TESTS FOLLOWING U.S. DEPARTMENT OF ENERGY TEST PROCEDURES.

³ TO PERMIT LARGEST RECOMMENDED AIR CONDITIONING (AT .5 STATIC PRESSURE), SELECTION OF THE HIGHEST MOTOR SPEED IS REQUIRED.

⁴ LP CONVERSION KIT SHIPPED WITH FURNACE.

⁵ PLENUM ADAPTERS INCLUDED WITH UNIT MUST BE INSTALLED FOR 20"x20" PLENUM.

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.



OIL-FIRED MOBILE HOME FURNACE SPECIFICATIONS

MODEL NO.	OME-72D36 / OME-72T36	
	LOW FIRE	HIGH FIRE
HEAT INPUT RATE (BTUH)	70,000	85,000
OUTPUT (BTUH) ¹	60,000	72,000
SEASONAL EFFICIENCY ²	86%	86%
FUEL	#2 FUEL OIL	
NOMINAL TEMP. RISE	66°	
CASING HEIGHT (IN.)	57"	
CASING WIDTH (IN.)	18"	
CASING DEPTH (IN.)	24-3/4"	
FLUE DIAMETER (IN.)	4"	
NOMINAL FLUE OUTLET DIAMETER (IN.)	4"	
APPROX. SHIPPING WEIGHT (LBS.)	240 LBS.	
APPROVAL AGENCY	ETL	
SIZE OF PERM. FILTER	18" X 24"	
ELECTRICAL REQUIREMENTS	115 VAC / 60 HZ / 1 PHASE	
MAX FUSE SIZE	15 AMPS	
TOTAL RATED CURRENT AMPS.	11	
SUPPLY AIR OUTLET SIZE (W-IN X D-IN)	12" X 12"	
RETURN AIR INLET OPENING SIZE	14" X 22" (LOUVERED)	
NOMINAL HEAT ANTICIPATOR SETTING	0.2mA	
	ACCESSORY ITEMS	
MOBILE HOME BASE	70-BASE	
COTTAGE BASE	01COT-BASE	
COIL CABINET FOR 2-3 TON	CE111S	
ROOF JACK 12" OR LESS	TRJ-1	
ROOF JACK 13" TO 24"	TRJ-2	
ROOF JACK 25" TO 36"	TRJ-3	
VENT PIPE	VP-1	
SLOPE ADAPTOR 2-1/2-12	TSA-25	
SLOPE ADAPTOR 3-1/2-12	TSA-30	
COMBUSTION AIR INTAKE HOOD	AOPS7402	
TRANSITION BOOT w\ SCREEN	AOPS8419	
BLOCKED VENT KIT ³	AOPS2686	
ROOF JACK COMBUSTION AIR KIT	AOPS7512	
OFFSET VENT KIT	AOPS7518	

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 MOBILE HOME APPLICATIONS WITH A ROOF-JACK.



GAS-FIRED MOBILE HOME FURNACE DOWN FLOW & DIRECT VENT (SEALED COMBUSTION) FURNACE SPECIFICATIONS

MODEL NO.	GMD2-60		GMD2-80	
HEAT INPUT RATE (BTUH)	60,000		80,000	
OUTPUT (BTUH) ¹	50,000		65,000	
SEASONAL EFFICIENCY ²	81.6		81	
LARGEST REC A/C ³	2.5 TONS		2.5 TONS (AS SHIPPED) 3 TONS WITH UPGRADE KIT	
FUEL	NAT	LP	NAT	LP
BURNER ORIFICE	#38	#52	2.45mm	#53
GAS SUPPLY PRESSURE (IN W.G.)				
MINIMUM REQUIRED	5.5	11	5.5	11
MAXIMUM ALLOWED	14.0	14.0	14.0	14.0
GAS MANIFOLD PRESSURE (IN W.G.)	3.5±0.3	10±0.3	3.5±0.3	10±0.3
NOMINAL TEMP. RISE	60°		70°	
VENT PIPE SIZE (IN.)	4"			
CASING HEIGHT (IN.)	57"			
CASING WIDTH (IN.)	18"			
CASING DEPTH (IN.)	25 ¾"			
APPROX. SHIPPING WEIGHT (LBS.)	165 LBS.			
APPROVAL AGENCY	ETL			
SIZE OF PERM. FILTER	18" X 24"			
ELECTRICAL REQUIREMENTS	115 VAC/ 60 HZ/ 1 PHASE			
MAX FUSE SIZE	15 AMPS			
TOTAL RATED CURRENT AMPS.	7.15			
SUPPLY AIR OUTLET SIZE (W-IN X D-IN)	12" X 12"			
RETURN AIR INLET OPENING SIZE	14" X 22"			
NOMINAL HEAT ANTICIPATOR SETTING	0.8 mA			
	ACCESSORY ITEMS			
MOBILE HOME BASE	70-BASE			
COTTAGE BASE	01COT-BASE			
COIL CABINET	CE111S			
3 TON A/C UPGRADE KIT (GMD2-80 ONLY)	AOPS2677			
ROOF JACK 12" OR LESS	TRJ-1			
ROOF JACK 13" TO 24"	TRJ-2			
ROOF JACK 25" TO 36"	TRJ-3			
SLOPE ADAPTOR 2-1/2-12	TSA-25			
SLOPE ADAPTOR 3-1/2-12	TSA-30			
4" STAINLESS STEEL VENT PIPE (34" LG)	VP-1			
COMBUSTION AIR INTAKE HOOD	AOPS7402			
FLEXIBLE STAINLESS STEEL OFFSET VENT KIT	AOPS7518			
TRANSITION BOOT W/ SCREEN	AOPS8419			

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³ TO PERMIT LARGEST RECOMMENDED AIR CONDITIONING (AT .5 STATIC PRESSURE), SELECTION OF THE HIGHEST MOTOR SPEED IS REQUIRED.



GAS-FIRED CONDENSING MOBILE HOME FURNACE DOWN FLOW & DIRECT VENT (SEALED COMBUSTION) FURNACE SPECIFICATIONS

MODEL NO.	CMA4-50D36		CMA4-75D36	
HEAT INPUT RATE (BTUH)	50,000		75,000	
OUTPUT (BTUH) ¹	48,000		72,000	
SEASONAL EFFICIENCY ²	95%		95%	
LARGEST REC A/C ³	3 TONS		3 TONS	
FUEL	NAT	LP	NAT	LP
BURNER ORIFICE	#42	#54	#42	#54
GAS SUPPLY PRESSURE (IN W.G.)				
MINIMUM REQUIRED	4.5	11	4.5	11
MAXIMUM ALLOWED	14	14	14	14
GAS MANIFOLD PRESSURE (IN W.G.)	3.5±0.3	10±0.3	3.5±0.3	10±0.3
NOMINAL TEMP. RISE	55°		65°	
VENT PIPE SIZE (IN.)	2" PVC		2" PVC	
CASING HEIGHT (IN.)	57"		57"	
CASING WIDTH (IN.)	18"		18"	
CASING DEPTH (IN.)	25 3/4"		25 3/4"	
APPROX. SHIPPING WEIGHT (LBS.)	175 LBS.		185 LBS.	
APPROVAL AGENCY	ETL		ETL	
SIZE OF PERM. FILTER	18" X 24"		18" X 24"	
ELECTRICAL REQUIREMENTS	115 VAC/ 60 HZ/ 1 PHASE		115 VAC/ 60 HZ/ 1 PHASE	
MAX FUSE SIZE	15 AMPS		15 AMPS	
TOTAL RATED CURRENT AMPS.	7.15		7.15	
SUPPLY AIR OUTLET SIZE (W-IN X D-IN)	12" X 12"		12" X 12"	
NOMINAL HEAT ANTICIPATOR SETTING	0.8mA		0.8mA	
	ACCESSORY ITEMS			
MOBILE HOME BASE	70BASE		70BASE	
COTTAGE BASE	01COT-BASE		01COT-BASE	
COIL CABINET FOR 2-3 TON	CE111S		CE111S	
CONCENTRIC VENT KIT (FOR 4" FLUE RJ)	AOPS7483		AOPS7483	
CONCENTRIC VENT KIT (FOR 5" FLUE RJ)	AOPS7544		AOPS7544	
DUAL PIPE FLASHING KIT	AOPS7484		AOPS7484	
BAYVENT SIDE WALL VENT KIT	370191		370191	
SLOPE ADAPTER 2-1/2 / 12	TSA-25		TSA-25	
SLOPE ADAPTER 3-1/2 / 12	TSA-30		TSA-30	
MINI CONDENSATE PUMP KIT	AOPS7614		AOPS7614	
NEUTRALIZING KIT	320095		320095	

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² SEASONAL EFFICIENCY (ALSO CALLED AFUE-ANNUAL FUEL UTILIZATION EFFICIENCY) RATINGS ARE BASED ON TEST FOLLOWING U.S. DEPARTMENT OF ENERGY TEST PROCEDURES.

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GAS-FIRED CONDENSING MOBILE HOME FURNACE DOWN FLOW & DIRECT VENT (SEALED COMBUSTION) FURNACE SPECIFICATIONS

MODEL NO.	CMC2-50D36 (DV3)		CMC2-75D36 (DV3)	
HEAT INPUT RATE (BTUH)	50,000		75,000	
OUTPUT (BTUH) ¹	48,000		72,000	
SEASONAL EFFICIENCY ²	95%		95%	
LARGEST REC A/C ³	3 TONS		3 TONS	
FUEL	NAT	LP	NAT	LP
BURNER ORIFICE	#42	#54	#42	#54
GAS SUPPLY PRESSURE (IN W.G.)				
MINIMUM REQUIRED	4.5	11	4.5	11
MAXIMUM ALLOWED	14	14	14	14
GAS MANIFOLD PRESSURE (IN W.G.)	3.5±0.3	10±0.3	3.5±0.3	10±0.3
NOMINAL TEMP. RISE	55°		65°	
VENT PIPE SIZE (IN.)	2" PVC		2" PVC	
CASING HEIGHT (IN.)	76 1/8"		76 1/8"	
CASING WIDTH (IN.)	18 3/4"		18 3/4"	
CASING DEPTH (IN.)	25 3/4"		25 3/4"	
APPROX. SHIPPING WEIGHT (LBS.)	195 LBS.		205 LBS.	
APPROVAL AGENCY	ETL		ETL	
SIZE OF PERM. FILTER	18" X 24"		18" X 24"	
ELECTRICAL REQUIREMENTS	115 VAC/ 60 HZ/ 1 PHASE		115 VAC/ 60 HZ/ 1 PHASE	
MAX FUSE SIZE	15 AMPS		15 AMPS	
TOTAL RATED CURRENT AMPS.	7.15		7.15	
SUPPLY AIR OUTLET SIZE (W-IN X D-IN)	12" X 12"		12" X 12"	
NOMINAL HEAT ANTICIPATOR SETTING	0.8mA		0.8mA	
	ACCESSORY ITEMS			
CONCENTRIC VENT KIT (FOR 4" FLUE RJ)	AOPS7483		AOPS7483	
CONCENTRIC VENT KIT (FOR 5" FLUE RJ)	AOPS7544		AOPS7544	
DUAL PIPE FLASHING KIT	AOPS7484		AOPS7484	
BAYVENT SIDE WALL VENT KIT	370191		370191	
SLOPE ADAPTER 2-1/2 / 12	TSA-25		TSA-25	
SLOPE ADAPTER 3-1/2 / 12	TSA-30		TSA-30	
MINI CONDENSATE PUMP KIT	AOPS7614		AOPS7614	
NEUTRALIZING KIT	320095		320095	

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² SEASONAL EFFICIENCY (ALSO CALLED AFUE-ANNUAL FUEL UTILIZATION EFFICIENCY) RATINGS ARE BASED ON TEST FOLLOWING U.S. DEPARTMENT OF ENERGY TEST PROCEDURES.

³ TO PERMIT LARGEST RECOMMENDED AIR CONDITIONING (AT .5 STATIC PRESSURE), SELECTION OF THE HIGHEST MOTOR SPEED IS REQUIRED.

Air Handlers with Optional Hydronic Heating Coils

The Thermo Pride air handlers are designed to be used as a stand-alone cooling, stand-alone heating or combination heating and cooling air handler. The air handlers can be installed in a upflow or horizontal applications. The cooling coil comes factory installed. In heating mode, our air handler provides up to 70° temperature rise (at 180°F entering water temperature), which provides warmer air than many air handlers on the market. All units operate on 115V and coils use 410A refrigerant.

Our air handler requires little maintenance and provides efficiency, longevity, and worry-free comfort. It also comes with our standard 10-year coil and 5-year parts warranty.

Model Number	AH2436AE1	AH4260AE1
Shipping Weight (lbs.)	130	180
Dimensions (in.) W x D x H	17 x 21-1/2 x 52	23-1/2 x 28-1/4 x 59
Return Opening (in.) W x D	13 x 16	16 x 18
Supply Air Opening (in.) W x D	14 x 16	20 x 20
Cooling Capacity (BTUH)	24,000 - 36,000	36,000 - 60,000

Optional Hot Water Coil

Hot Water Coil Model	HC1-B	HC2-A
Heating Capacity (BTUH) ⁽¹⁾	32,000 - 75,000	55,000 - 120,000
Inlet Temperature Range (°F) ⁽²⁾	140 - 180	140 - 180

Optional Upflow Cabinet

Model	UA1-C	UA2-C
Filter Size	16 x 20 x 1	20 x 25 x 1
Side Plenum Opening (in.) W x D x H	8 x 20	8 x 26
Dimensions (in.) W x D x H	17-1/8 x 21-1/2 x 8	23-1/2 x 28-1/4 x 8

1. At flow rates of 3-7 GPM for AH2436AE1 and 7-10 GPM for AH4260AE1.

2. Using an inlet water temperature of 120°F will result in lower supply air temperatures that may be undesirable to some homeowners.



SPIRIT OIL FIRED FURNACE SPECIFICATIONS

MODEL SERIES	VHF-ABP	VHF-ACP	VHF-ABT	VHF-ACT	VH8FA119P60B	VH8FA119T60B	VLF-DBP VLR-DBP	VLF-DCP VLR-DCP	VL8FA119P60B VL8RA119P60B	VC-CBP
DESCRIPTION	HIGHBOY	HIGHBOY	HIGHBOY	HIGHBOY	HIGHBOY	HIGHBOY	LOWBOY	LOWBOY	LOWBOY	HORIZONTAL/ COUNTERFLOW
BURNER	Beckett	Carlin	Beckett	Carlin	Beckett	Beckett	Beckett	Carlin	Beckett	Beckett
BTU OUTPUT	60,000 / 72,000 90,000	60,000 / 72,000 90,000	60,000 / 72,000 90,000	60,000 / 72,000 90,000	101,000 / 119,000 132,000	101,000 / 119,000 132,000	70,000 / 88,000 98,000 / 114,000	70,000 / 88,000 98,000 / 114,000	101,000 / 119,000 132,000	69,000 / 88,000 97,000
HEIGHT OF CASING	45"	45"	45"	45"	50 1/8"	50 1/8"	41 1/2"	41 1/2"	38 1/2"	61 1/4"
WIDTH OF CASING	21"	21"	21"	21"	24 1/2"	24 1/2"	22 1/4"	22 1/4"	24 1/2"	22 1/4"
DEPTH OF CASING	30"	30"	30"	30"	36 1/2"	36 1/2"	47"	47"	55 1/2"	22 1/4"
WARM AIR OUTLET (WxD)	19" x 19"	19" x 19"	19" x 19"	19" x 19"	20" x 20"	20" x 20"	20" x 20"	20" x 20"	20" x 20"	16" x 16"
RETURN AIR INLET (WxD)	24" x 14 1/4"	24" x 14 1/4"	24" x 14 1/4"	24" x 14 1/4"	23-3/4" x 19"	23-3/4" x 19"	20" x 12 1/2"	20" x 12 1/2"	20" x 16"	16" x 16"
DIAMETER OF FLUE	5"	5"	5"	5"	7"	7"	6"	6"	7"	6"
FLOOR TO CENTER OF FLUE	40 11/16"	40 11/16"	40 11/16"	40 11/16"	42 3/4"	42 3/4"	30 3/8"	30 3/8"	29 1/2"	29 7/8"
BLOWER MOTOR	1/2HP-4SPD-PSC	1/2HP-4SPD-PSC	1/2HP-5SPD-ECM	1/2HP-5SPD-ECM	3/4HP-4SPD-PSC	1 HP-5SPD-ECM	3/4HP-4SPD-PSC	3/4HP-4SPD-PSC	1 HP-4SPD-PSC, Front Flue 3/4HP-4SPD-PSC, Rear Flue	1/2HP-4SPD-PSC
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	0.2 0.5	0.2 0.5	0.2 0.5
STANDARD							CFM for Front Flue, see specs for Rear Flue	CFM for Front Flue, see specs for Rear Flue	CFM for Front Flue, see specs for Rear Flue	
LOW SPEED	915	822	915	822	1012	821	1012	821	1012	1017
ML SPEED	1152	1085	1152	1085	1172	1037	1172	1037	1172	1111
MED. SPEED			1303	1205	1303	1205				
MH SPEED	1432	1334	1432	1334	1498	1399	1498	1399	1498	1209
HIGH SPEED	1762	1569	1762	1569	1650	1561	1650	1561	1710	1347
A/C CAPACITY	4 Ton	4 Ton	4 Ton	4 Ton	5 Ton	5 Ton	4 Ton	4 Ton	5 Ton	3.5 Ton
BECKETT NOZZLE SIZE GPH	.50 .60 .75	N/A	.50 .60 .75	N/A	.85 1.00 1.10	.85 1.00 1.10	.60 .75 .85 1.00	N/A	.85 1.00 1.10	.60 .75 .85
CARLIN NOZZLE SIZE GPH	N/A	.50 .60 .75	N/A	.50 .60 .75	N/A	N/A	N/A	.60 .75 .85 1.00	N/A	N/A
SPRAY ANGLE/PATTERN	80° A	60° A	80° A	60° A	80° A	80° A	80° A	60° A	80° A	80° A
PUMP PRESSURE	120 PSI	120 PSI	120 PSI	120 PSI	120 PSI	120 PSI	130 PSI	140 PSI	120 PSI	130 PSI
SHIPPING WEIGHT	270 LBS.	270 LBS.	270 LBS.	270 LBS.	335 LBS.	335 LBS.	305 LBS	305 LBS	345 LBS	300 LBS
SEASONAL AFUE BECKETT	85%	N/A	85%	N/A	85%	85%	85%	N/A	85%	85%
SEASONAL AFUE CARLIN	N/A	86%	N/A	86%	N/A	N/A	86%	86%	N/A	N/A

For complete specifications see specifications on line at www.thermopride.com/products/spiritfurnace/manuals-specifications-literature/specifications/

All specifications subject to change without notice



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