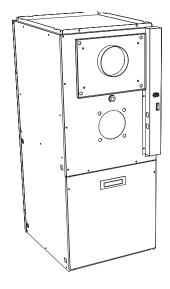
OBM/OVM **Multi-Position Oil Furnace** Non-Variable & Variable Motors

Product Data



A10311

THE LATEST IN OIL FURNACE TECHNOLOGY

The models OBM and OVM combine high efficiency and quiet operation with oil heating technology. The OBM/OVM can be fired at different rates by a simple nozzle change and oil pump pressure adjustment. Furnaces are available to cover input ranges from 70,000 to 154,000 BTUh. The furnace design is a multipoise style for upflow, downflow, or horizontal applications.

The OBM/OVM is a standard part of a quality-built home. These high efficiency furnaces will provide years of quality service to home builders and homeowners alike.

This model is designed to work as part of a total home comfort system which includes elements for cooling, air cleaning, humidification, ventilation, and zoning.

OBM/OVM FEATURES / BENEFITS **BECKETT & RIELLO BURNER OPTIONS**

- · High quality Beckett or Riello oil burners allows safe and efficient combustion of oil.
- Both manufacturers approved for optional Sealed Combustion
- Ignition control and fan timer board provide reliable operation and easy connection of thermostat and accessory wiring.

CASING

• Made of 22-gauge painted steel for years of durability.

INSULATION AND SOUNDPROOFING

· Unique sound trap along with insulated walls efficiently capture most combustion noise and vibration to make this unit one of the quietest on the market.

COMBUSTION PRODUCTS VENTING

- · Front flue outlet.
- Unit may be vented using Type L vent material and a factory-built metal or masonry chimney.
- Unit may also be sidewall vented with optional Sealed Combustion System.
- Unit may also be sidewall vented with an approved power venter.

ADJUSTABLE BLOWER SPEED

- OBM units equipped with 4-speed blower for precise airflow selection of heating or cooling operation.
- OVM units equipped with ECM 2.3 Variable Speed high-efficiency

CONSTANT LOW-SPEED BLOWER SWITCH (OBM MODELS)

- · Allows continual low-speed air circulation through the home to maximize comfort while maintaining efficiency.
- Air is constantly filtered and stagnant air is avoided.
- This option can be controlled by the homeowner.

COMBUSTION CHAMBER/HEAT **EXCHANGER**

- · Composed of stainless and aluminized steel, the unique combination combustion chamber/heat exchanger resists corrosion, overheating, and deterioration.
- Heat transfer properties make it highly efficient.
- All seams are tightly welded for leak-free operation.

CERTIFICATIONS

- · OBM/OVM units are CSA certified.
- · AHRI efficiency rating certified.
- Canada Specifications: Up to 86.7% AFUE for Canada (CSA B212 + Canadian laws)
- USA Specifications: Up to 86.3% AFUE for USA (ASHRAE 103 + American laws)







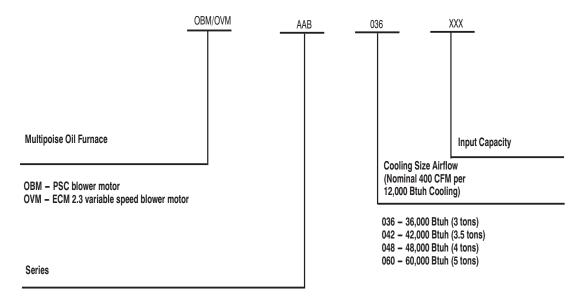
A210037



A210043

Specific firing rates of OVM series meet the EnergyStar® Guidelines

MODEL NUMBER NOMENCLATURE



A210036

CLEARANCE TO COMBUSTIBLES

Location	Application	Upflow In. (mm)	Downflow In. (mm)	Horizontal In. (mm)
Sides	Furnace [*]	1 (25.4)	2 (50.8)	N/A
Sides	Supply plenum - within 6ft (1.8m) of furnace*	2 (50.8)	2 (50.8)	1 (25.4)
Bottom	Furnace [†] (*use sub-base on combustible floor)	0	2 (50.8) [‡]	1 (25.4)**
Back	OBM/OVM098 Furnace (opposite end of burner)*	3 (76.2)	3 (76.2)	1 (25.4)
Баск	OBM/OVM112 / 154 Furnace (opposite end of burner)*	3 (76.2)	3 (76.2)	3 (76.2)
Тор	Furnace [†] or Plenum	N/A	N/A	2 (50.8)
ТОР	Horizontal warm air duct - within 6ft (1.8m) of furnace	2 (50.8)	2 (50.8)	2 (50.8)
Flue pipe	Vertically above flue pipe	9 (228.6)	9 (228.6)	9 (228.6)
Front	Furnace (burner end) [*]	18 (457.2)	18 (457.2)	18 (457.2)

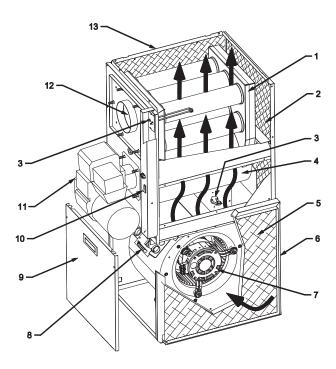
^{*.} Horizontal dimensions

Vertical dimensions

This dimension can be obtained using Horizontal Flow Base.

This dimension can be obtained using Horizontal Flow Base.
 **. This dimension can be obtained by using Downflow Base, KLASB0801DET for 098 or KLASB0901DET for 112 or KLASB1001DET for 154...

OBM - NON-VARIABLE SPEED UNIT

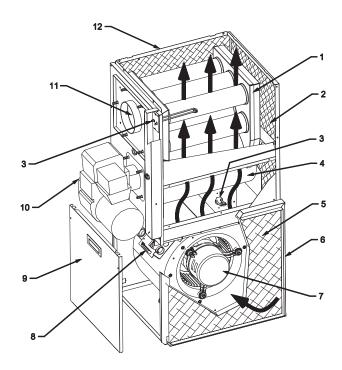


DNS-1254 Rev.A

A10309

- Heat exchanger designed and shaped to efficiently transfer heat from furnace into the home.
- 2. Fully insulated internal walls to minimize heat loss.
- 3. High limit control to prevent over temperature.
- 4. Stainless steel combustion chamber.
- 5. Air filters.
- 6. Return-air plenum.
- Heavy-duty blower circulates air across the heat exchanger to transfer heat into the home.
- Adjustable electronic fan timer control (inside) has low voltage electrical terminal strip for easy connection of thermostat, cooling control, electronic air cleaner and humidifier.
- 9. Access doors to air filters and blower.
- Manual switch to allow user control of constant low-speed blower operation.
- 11. High-performance oil burner, sold separately.
- 12. Unique silencer system controls combustion noise.
- 13. Supply-air plenum.

OVM - VARIABLE SPEED UNIT



- 1. Heat exchanger designed and shaped to efficiently transfer heat from furnace into the home.
- 2. Fully insulated internal walls to minimize heat loss.
- 3. High limit control to prevent over temperature.
- 4. Stainless steel combustion chamber.
- 5. Air filters.
- 6. Return-air plenum.
- 7. Heavy-duty blower circulates air across the heat exchanger to transfer heat into the home.
- Adjustable electronic fan timer control (inside) has low voltage electrical terminal strip for easy connection of thermostat, cooling control, electronic air cleaner and humidifier.
- 9. Access doors to air filters and blower.
- 10. High-performance oil burner, sold separately.
- 11. Unique silencer system controls combustion noise.
- 12. Supply-air plenum.

FURNACE SPECIFICATIONS

OVM098 SERIES, MULTI-POSITION MODELS	UNITS WITH 1/2 HP ECM MOTOR			
RATING AND PERFORMANCE				
Firing rate(USGPH)*	0.50	0.60		
Input (BTU/h)*	70,000	84,000		
Heating temperature rise (Degr. F)*	55 - 85 Degr. F			
Flue draft with chimney (inch of w.c.)		-0.06 to -0.025		
Overfire pressure with chimney (inch of w.c.)		-0.035 to +0.010		
Flue pressure with direct vent (inch of w.c no wind)		+0.05 to +0.20		
Overfire pressure with direct vent (inch of w.c no wind)		+0.03 to +0.15		
BECKETT BURNER; AFG MODEL (Chimney) /Insertion	0)/444 4 D000000 070 DE	KLABR0401BEC / 1 3/4" OVMAAB036098-084-BF		
AHRI Model #	OVMAAB036098-070-BF 58,000	69,000		
Maximum Heating capacity, (BTU/h)* Head type	56,000	2 Slots - L2 head		
Nozzle (Delavan) [†]	0.40 - 60A	0.50 - 60A		
Low firing rate baffle	Yes (5880)	Yes (5880)		
Pump pressure (PSIG)*	155	145		
Head/Air setting (damper/band)	4/0	8/0		
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	**85.6%	**85.6%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	**85.2%	**85.1%		
BECKETT BURNER; NX MODEL (Chimney or DV) /Insertion	00.270	KLABR0101BEC / 1 3/4"		
AHRI Model #	OVMAAB036098-070-BNX	OVMAAB036098-084-BNX		
Maximum Heating capacity, (BTU/h)*	59,000	70,000		
Head type		6 Slots - LQ head		
Nozzle (Delavan) [†]	0.40 - 60W	0.50 - 60W		
Low firing rate baffle	Yes (32229)	Yes (32229)		
Pump pressure (PSIG)*	155	145		
Combustion air adjustment	2.0	2.75		
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	**86.7%	**85.7%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	**86.1%	**85.4%		
RIELLO BURNER; 40-F3 MODEL (Chimney) /Insertion	0.444.45.0000.070.55	KLABR0101RLO / 2 3/4"		
AHRI Model #	OVMAAB036098-070-RF	OVMAAB036098-084-RF		
Maximum Heating capacity, (BTU/h)*	59,000 0.40 - 70A	70,000 0.50 - 70A		
Nozzle (Delavan) [†] Pump pressure (PSIG)	0.40 - 70A 155	0.50 - 70A 145		
Combustion air adjustment (turbulator/damper)	0 / 1.5	0/2.5		
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	**87.0%	**86.3%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	**86.4%	**85.9%		
RIELLO BURNER; 40-BF3 MODEL (Direct vent DV) /Insertion	80.4 /6	KLABR0201RLO / 2 3/4"		
AHRI Model #	OVMAAB036098-070-RBF	OVMAAB036098-084-RBF		
Maximum Heating capacity, (BTU/h)*	58,000	70,000		
Nozzle (Delavan) [†]	0.40 - 70A	0.50 - 70A		
Pump pressure (PSIG)*	155	145		
Combustion air adjustment (turbulator/damper)	0 / 3.25	0 / 4		
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	**85.6%	**85.3%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	**85.1%	**85.0%		
ELECTRICAL SYSTEM				
Volts - Hertz - Phase		115 - 60 - 1		
Rated current (Amps)		10.3		
Minimum ampacity for wire sizing (Amps)		12.2		
Max. fuse size (Amps)		15		
Control transformer (VA) External control power available: Heating / Cooling (VA)	40 40 / 30			
BLOWER DATA		40 / 30		
Heating blower speed at 0.25" W.C. SP				
Heating blower speed at 0.25 W.C. SP	See the ECM air flow table			
Motor (HP) / number of speeds	1/2 HP / ECM (with inductor)			
Blower size (diam. x width)	10" x 8"			
GENERAL INFORMATION				
Overall dimensions (width x depth x height)		16 7/8" x 20 1/8" x 40 3/4"		
Supply air opening (width x depth)	16" x 19"			
Return air opening (width x depth)		19" x 19"		
Filter size (depth x height x thickness)		20" x 20" x 1"		
Shipping weight Lbs/Kg		125 / 57		
Air conditioning, maximum output (tons) at 0.5" W.C. SP		3.		
* DIDIT 6 OF THE TABLE CONT.				

- *. INPUT & OUTPUT ADJUSTMENT

 Pump pressure can be adjusted to maintain proper firing rate.

 Adjust flue gas temperature between 400° and 575°F

 Adjust fan speed for the air temperature rise specified

 †. Default installed Nozzle in bold characters

 ‡. AFUE value establishe after minimum 20 hours operation

 *** Meets EnergyStar guidelines

OVM112 SERIES, MULTI-POSITION MODELS	UNITS WITH 1/2 HP E	CM MOTOR		
RATING AND PERFORMANCE				
Firing rate(USGPH)*	0.68	0.80		
Input (BTU/h)*	95,200	112,000		
Heating temperature rise (Degr. F)*	60 -	- 72 Degr. F		
Flue draft with chimney (inch of w.c.)		06 to -0.025		
Overfire pressure with chimney (inch of w.c.)	-0.03	35 to +0.025		
Flue pressure with direct vent (inch of w.c no wind)		03 to +0.15		
Overfire pressure with direct vent (inch of w.c no wind)		05 to +0.17		
BECKETT BURNER; AFG MODEL (Chimney)/ Insertion		0501BEC / 1 3/4"		
AHRI Model #	OVMAAB042112-095-BF	OVMAAB042112-112-BF		
Maximum Heating capacity, (BTU/h)*	79,000	92,000		
Head type		ots - L2 head		
Nozzle (Delavan) [†]	0.60 - 60W 140	0.65 - 60B 150		
Pump pressure (PSIG)*	10/0	10/0 (Note 1)		
Head/Air setting AFUE % (From CSA B212 standard and Canadian regulation) [‡]	**86.3%	**85.6%		
·	**85.3%	**85.4%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡] BECKETT BURNER; NX MODEL (Chimney or DV)/ Insertion		85.4% 0201BEC / 1 3/4"		
AHRI Model #	OVMAAB042112-095-BNX	OVMAAB042112-112-BNX		
Maximum Heating capacity, (BTU/h)*	80.000	83,000		
Head type	/	ots - LQ head		
Nozzle (Delavan)†	0.60 - 60A	0.70 - 60A		
Pump pressure (PSIG)*	130	130		
Head/Air setting	3.5	2.5		
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	**87.1%	**86.6%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	**85.8%	**85.3%		
RIELLO BURNER; 40-F3 MODEL (Chimney)/ Insertion	KLABRO	0301RLO / 2 3/4"		
AHRI Model #	OVMAAB042112-095-RF	OVMAAB042112-112-RF		
Maximum Heating capacity, (BTU/h)*	79,000	93,000		
Nozzle (Delavan) [†]	0.60 - 70A	0.70 - 70A		
Pump pressure (PSIG)*	130	130		
Combustion air adjustment (turbulator/damper)	1 / 2.6	2/3.1		
AFUE % (From CSA B212 standard and Canadian regulation [‡]	**87.0%	**86.8%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	**85.8%	**85.4%		
RIELLO BURNER; 40-BF5 MODEL (Direct vent DV) / Insertion		0401RLO / 2 3/4"		
AHRI Model #	OVMAAB042112-095-RBF	OVMAAB042112-112-RBF		
Maximum Heating capacity, (BTU/h)*	79,000	94,000		
Nozzle (Delavan)†	0.60 - 70A	0.70 - 70A		
Pump pressure (PSIG)*	130	130		
Combustion air adjustment (turbulator/damper)	0 / 2.75	0 / 3.25		
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	**86.7%	**85.5%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	**85.3%	**85.3%		
ELECTRICAL SYSTEM	1.	15 - 60 - 1		
Volts - Hertz - Phase Rated current (Amps)	!	10.3		
Minimum ampacity for wire sizing (Amps)		12.2		
Max. fuse size (Amps)		15		
Control transformer(VA)		40		
External control power available: Heating (VA)		40		
External control power available: Cooling (VA)	30			
BLOWER DATA				
Heating blower speed at 0.25" W.C. SP	See the F	CM air flaw table		
Heating blower speed at 0.50" W.C. SP	See the ECM air flow table			
	<u> </u>	1/2 HP / ECM		
Motor (HP) / number of speeds	1/2	PHP / ECM		
•		PHP / ECM " (tight housing)		
Motor (HP) / number of speeds				
Motor (HP) / number of speeds Blower size (diam. x width) GENERAL INFORMATION Overall dimensions (width x depth x height)	10" x 10 21 3/4" x	25 3/4" x 41 1/2"		
Motor (HP) / number of speeds Blower size (diam. x width) GENERAL INFORMATION Overall dimensions (width x depth x height) Supply air opening (width x depth)	10" x 10 21 3/4" x 17 3	25 3/4" x 41 1/2" /4" x 18 3/4"		
Motor (HP) / number of speeds Blower size (diam. x width) GENERAL INFORMATION Overall dimensions (width x depth x height) Supply air opening (width x depth) Return air opening (width x depth)	10" x 10 21 3/4" x 17 3	25 3/4" x 41 1/2" 25 3/4" x 41 1/2" /4" x 18 3/4" 23" x 19"		
Motor (HP) / number of speeds Blower size (diam. x width) GENERAL INFORMATION Overall dimensions (width x depth x height) Supply air opening (width x depth) Return air opening (width x depth) Filter size	10" x 10 21 3/4" x 17 3	25 3/4" x 41 1/2" 25 3/4" x 18 3/4"' 23" x 19" " x 20" x 1"		
Motor (HP) / number of speeds Blower size (diam. x width) GENERAL INFORMATION Overall dimensions (width x depth x height) Supply air opening (width x depth) Return air opening (width x depth)	10" x 10 21 3/4" x 17 3	25 3/4" x 41 1/2" 25 3/4" x 41 1/2" /4" x 18 3/4" 23" x 19"		

- *. INPUT & OUTPUT ADJUSTMENT
- Pump pressure can be adjusted to maintain proper firing rate.
 Adjust flue gas temperature between 400° and 575°F
 Adjust fan speed for the air temperature rise specified
 Default installed Nozzle in bold characters
 AFUE value establishe after minimum 20 hours operation

 Meets EnergyStar guidelines

OVM154 SERIES, MULTI-POSITION MODELS	UNITS WITH	1 1.0 HP ECM MOTOR	
RATING AND PERFORMANCE			
Firing rate(USGPH)*	0.90	1.10	
Input (BTU/h)*	126,000	154,000	
Heating temperature rise (Degr. F)*	60	0 - 72 Degr. F	
Flue draft with chimney (inch of w.c.)	-0.06 to -0.035		
Overfire pressure with chimney (inch of w.c.)	-0.	035 to +0.045	
Flue pressure with direct vent (inch of w.c no wind)	+1	0.05 to +0.16	
Overfire pressure with direct vent (inch of w.c no wind)		0.06 to +0.22	
BECKETT BURNER; NX MODEL (Chimney or DV)/ Insertion		R0301BEC / 1 3/4"	
AHRI Model #	OVMAAB060154-126-BNX	OVMAAB060154-154-BNX	
Maximum Heating capacity, (BTU/h)*	107,000	129,000	
Head type	· · · · · · · · · · · · · · · · · · ·	Slots - LC head	
Nozzle (Delavan)†	0.75 - 60B	0.90 - 60B	
Pump pressure (PSIG)*	145	150	
Head/Air setting	3,5	4	
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	**87.0%	**85.6%	
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	**85.3%	**85.1%	
		85.1% R0501RLO / 2 3/4"	
RIELLO BURNER; 40-F5 MODEL (Chimney)/ Insertion AHRI Model #	OVMAAB060154-126-RF	OVMAAB060154-154-RF	
Maximum Heating capacity, (BTU/h)*	106,000	128,000	
	0.75 - 70A	0.90 - 70A	
Nozzle (Delavan)†			
Pump pressure (PSIG)*	145	150	
Combustion air adjustment (turbulator/damper)	1.5 / 2.25	2.5 / 2.75	
AFUE % (From CSA B212 standard and Canadian regulation [‡]	**86.6%	**85.3%	
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	**86.0%	**85.0%	
RIELLO BURNER; 40-BF5 MODEL (Direct vent DV)/ Insertion		R0601RLO / 2 3/4"	
AHRI Model #	OVMAAB060154-126-RBF	OVMAAB060154-154-RF	
Maximum Heating capacity, (BTU/h)*	106,000	128,000	
Nozzle (Delavan) [†]	0.75 - 70A	0.90 - 70A	
Pump pressure (PSIG)*	145	150	
Combustion air adjustment (turbulator/damper)	1.0 / 3.75	3.0 / 4.25	
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	**86.4%	**85.7%	
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	**86.1%	**85.0%	
ELECTRICAL SYSTEM	<u>.</u>		
Volts - Hertz - Phase		115 - 60 - 1	
Rated current (Amps)		15,7	
Minimum ampacity for wire sizing (Amps)		18,1	
Max. fuse size (Amps)		20	
Control transformer(VA)		40	
External control power available: Heating (VA)		40	
External control power available: Cooling (VA)		30	
BLOWER DATA	·		
Heating blower speed at 0.25" W.C. SP		FOM : 6 4 11	
Heating blower speed at 0.50" W.C. SP	See the ECM air flow table		
Motor (HP) / number of speeds	1.0 HP /	ECM (with inductor)	
Blower size (diam. x width)		10" (tight housing)	
GENERAL INFORMATION	1.2 \(\)		
Overall dimensions (width x depth x height)	25"	x 28 1/2" x 48"	
Supply air opening (width x depth)		20" x 22"	
Return air opening (width x depth)		23" x 23"	
Filter size	2	24" x 24" x 1"	
Shipping weight Lbs/Kg		200 / 90	
Air conditioning, maximum output (tons) at 0.5" W.C. SP		5.0	
All conditioning, maximum output (tons) at 0.5 W.C. 5P		J.U	

- *. INPUT & OUTPUT ADJUSTMENT

 Pump pressure can be adjusted to maintain proper firing rate.

 Increase pump pressure if flue gas temperature is under 400°F

 Adjust the total flue gas temperature between 400°F and 575°F (330°F and 505°F net approximately

 †. Default installed Nozzle in bold characters

 ‡. AFUE values established after minimum 20 hours of operation

 ** Meets EnergyStar guidelines

OBM098 SERIES, MULTI-POSITION MODELS	UNITS WITH 1/3 HP 4-SPD. MOTOR				
RATING AND PERFORMANCE					
Firing rate(USGPH)*	0.50	0.60	0.70		
Input (BTU/h*	70,000	84,000	98,000		
Heating temperature rise (Degr. F)*		55 - 85 Degr. F			
Flue draft with chimney (inch of w.c.)		-0.06 to -0.025			
Overfire pressure with chimney (inch of w.c.)		-0.035 to +0.010			
Flue pressure with direct vent (inch of w.c no wind)		+0.05 to +0.20			
Overfire pressure with direct vent (inch of w.c no wind)		+0.03 to +0.15			
BECKETT BURNER; AFG MODEL (Chimney) /Insertion		KLABR0401BEC / 1 3/4"			
AHRI Model #	OBMAAB036098-070-BF	OBMAAB036098-084-BF	OBMAAB036098-098-BF		
Maximum Heating capacity, (BTU/h)*	58,000	69,000	80,000		
Head type		2 Slots - L2 head			
Nozzle (Delavan) [†]	0.40 - 60A	0.50 - 60A	0.60 - 60B		
Low firing rate baffle	Yes (5880)	Yes (5880)	No		
Pump pressure (PSIG)*	155	145	135		
Head/Air setting (damper/band)	4/0	8/0	5/0		
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	85.6%	85.6%	84.3%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	85.2%	85.1%	83.9%		
BECKETT BURNER; NX MODEL (Chimney or DV) /Insertion		KLABR0101BEC / 1 3/4"			
AHRI Model #	OBMAAB036098-070-BNX	OBMAAB036098-084-BNX	OBMAAB036098-098-BNX		
Maximum Heating capacity, (BTU/h)*	59,000	70,000	81,000		
Head type		6 Slots - LQ head			
Nozzle (Delavan) [†]	0.40 - 60W	0.50 - 60W	0.60 - 60W		
Low firing rate baffle	Yes (32229)	Yes (32229)	No		
Pump pressure (PSIG)*	155	145	135		
Combustion air adjustment	2.0	2.75	2.5		
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	86.7%	85.7%	85.0%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	86.1%	85.4%	84.5%		
RIELLO BURNER; 40-F3 MODEL (Chimney) /Insertion		KLABR0101RLO / 2 3/4"			
AHRI Model #	OBMAAB036098-070-RF	OBMAAB036098-084-RF	OBMAAB036098-098-RF		
Maximum Heating capacity, (BTU/h)*	59,000	70,000	81,000		
Nozzle (Delavan) [†]	0.40 - 70A	0.50 - 70A	0.60 - 70A		
Pump pressure (PSIG)*	155	145	135		
Combustion air adjustment (turbulator/damper)	0 / 1.5	0 / 2.5	1 / 3.5		
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	87.0%	86.3%	84.9%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	86.4%	85.9%	84.5%		
RIELLO BURNER; 40-BF3 MODEL (Direct vent DV) /Insertion	35.175	KLABR0201RLO / 2 3/4"	0.1.070		
AHRI Model #	OBMAAB036098-070-RBF	OBMAAB036098-084-RBF	OBMAAB036098-098-RBF		
Maximum Heating capacity, (BTU/h)*	58,000	70,000	80,000		
Nozzle (Delavan) [†]	0.40 - 70A	0.50 - 70A	0.60 - 70A		
Pump pressure (PSIG)*	155	145	135		
Combustion air adjustment (turbulator/damper)	0 / 3.25	0 / 4	1 / 5.25		
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	85.6%	85.3%	84.0%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	85.1%	85.0%	83.3%		
ELECTRICAL SYSTEM					
Volts - Hertz - Phase		115 - 60 - 1			
Rated current (Amps)		12.2			
Minimum ampacity for wire sizing (Amps)		13.7			
Max. fuse size (Amps)		15			
Control transformer (VA)		40			
External control power available: Heating / Cooling (VA)		40 / 30			
BLOWER DATA	_				
Heating blower speed at 0.25" W.C. SP	MED-LOW	MED-HIGH	HIGH		
Heating blower speed at 0.50" W.C. SP	MED-LOW	MED-HIGH	HIGH		
Motor (HP) / number of speeds	1/3 HP / 4 speeds				
Blower size (diam. x width)	10" x 8"				
GENERAL INFORMATION					
Overall dimensions (width x depth x height)		16 7/8" x 20 1/8" x 40 3/4"			
Supply air opening (width x depth)	16" x 19"				
Return air opening (width x depth)		19" x 19"			
Filter size (depth x height x thickness)		20" x 20" x 1"			
Shipping weight Lbs/Kg		125 / 57			
		2.5			
Air conditioning, maximum output (tons) at 0.5" W.C. SP		2.0			

- *. INPUT & OUTPUT ADJUSTMENT

 - Pump pressure can be adjusted to maintain proper firing rate.
 Adjust the total flue gas temperature between 400°F and 575°F
- Adjust fan speed for the air temperature rise specified †. Default installed Nozzle in bold characters
- ‡. AFUE value established after minimum 20 hours of operation

OBM112 SERIES, MULTI-POSITION MODELS	UNITS WITH 1	1/2 HP 4-SP. MOTOR	
RATING AND PERFORMANCE			
Firing rate(USGPH)*	0.68	0.80	
Input (BTU/h)*	95,200	112,000	
Heating temperature rise (Degr. F)*	55 -	· 75 Degr. F	
Flue draft with chimney (inch of w.c.)	-0.06 to -0.025		
Overfire pressure with chimney (inch of w.c.)	-0.03	35 to +0.025	
Flue pressure with direct vent (inch of w.c no wind)	+0.	03 to +0.15	
Overfire pressure with direct vent (inch of w.c no wind)	+0.	05 to +0.17	
BECKETT BURNER; AFG MODEL (Chimney)/ Insertion	KLABRO	0501BEC / 1 3/4"	
AHRI Model #	OBMAAB042112-095-BF	OBMAAB042112-112-BF	
Maximum Heating capacity, (BTU/h)*	79,000	92,000	
Head type	2 Slo	ots - L2 head	
Nozzle (Delavan) [†]	0.60 - 60W	0.65 - 60B	
Pump pressure (PSIG)*	140	150	
Head/Air setting	10/0	10/0 (Note 1)	
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	86.3%	85.6%	
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	85.3%	85.4%	
BECKETT BURNER; NX MODEL (Chimney or DV)/ Insertion		201BEC / 1 3/4"	
AHRI Model #	OBMAAB042112-095-BNX	OBMAAB042112-112-BNX	
Maximum Heating capacity, (BTU/h)*	80,000	83,000	
Head type	6 Slo	its - LQ head	
Nozzle (Delavan) [†]	0.60 - 60A	0.70 - 60A	
Pump pressure (PSIG) [*]	130	130	
Head/Air setting	3.5	2.5	
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	87.1%	86.6%	
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	85.8%	85.3%	
RIELLO BURNER; 40-F3 MODEL (Chimney)/ Insertion	KLABR0	301RLO / 2 3/4"	
AHRI Model #	OBMAAB042112-095-RF	OBMAAB042112-112-RF	
Maximum Heating capacity, (BTU/h)*	79,000	93,000	
Nozzle (Delavan) [†]	0.60 - 70A	0.70 - 70A	
Pump pressure (PSIG) [*]	130	130	
Combustion air adjustment (turbulator/damper)	1 / 2.6	2 / 3.1	
AFUE % (From CSA B212 standard and Canadian regulation [‡]	87.0%	86.8%	
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	85.8%	85.4%	
RIELLO BURNER; 40-BF5 MODEL (Direct vent DV) / Insertion	KLABR0	401RLO / 2 3/4"	
AHRI Model #	OBMAAB042112-095-RBF	OBMAAB042112-112-RBF	
Maximum Heating capacity, (BTU/h)*	79,000	94,000	
Nozzle (Delavan) [†]	0.60 - 70A	0.70 - 70A	
Pump pressure (PSIG)*	130	130	
Combustion air adjustment (turbulator/damper)	0 / 2.75	0 / 3.25	
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	86.7%	85.5%	
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	85.5%	85.3%	
ELECTRICAL SYSTEM			
Volts - Hertz - Phase	11	15 - 60 - 1	
Rated current (Amps)		12.6	
Minimum ampacity for wire sizing (Amps)		15.2	
Max. fuse size (Amps)		20	
Control transformer(VA)		40	
External control power available: Heating (VA)		40	
External control power available: Cooling (VA)		30	
BLOWER DATA			
Heating blower speed at 0.25" W.C. SP	MED-LOW	MED-HIGH	
Heating blower speed at 0.50" W.C. SP	MED-LOW	MED-HIGH	
Motor (HP) / number of speeds		IP / 4 speeds	
Blower size (diam. x width)	10" x 10	" (tight housing)	
GENERAL INFORMATION			
Overall dimensions (width x depth x height)	21 3/4" x	25 3/4" x 41 1/2"	
Supply air opening (width x depth)	17 3	/4" x 18 3/4"	
Return air opening (width x depth)		23" x 19"	
Filter size	24'	' x 20" x 1"	
Shipping weight Lbs/Kg		153 / 70	
Air conditioning, maximum output (tons) at 0.5" W.C. SP		3.5	
·			

- *. INPUT & OUTPUT ADJUSTMENT

 - Pump pressure can be adjusted to maintain proper firing rate. Adjust the total flue gas temperature between $400^\circ F$ and $575^\circ F$
 - Adjust fan speed for the air temperature rise specified
- †. Default installed Nozzle in bold characters ‡. AFUE value established after minimum 20 hours of operation

OBM154 SERIES, MULTI-POSITION MODELS	S UNITS WITH 1.0 HP 4-SP. MOTOR			
RATING AND PERFORMANCE				
Firing rate(USGPH)*	0.90	1.10		
Input (BTU/h)*	126,000	154,000		
Heating temperature rise (Degr. F)*	-,	55 - 75 Degr. F		
Flue draft with chimney (inch of w.c.)	-0.06 to -0.035			
Overfire pressure with chimney (inch of w.c.)		-0.035 to +0.045		
Flue pressure with direct vent (inch of w.c no wind)		+0.05 to +0.16		
Overfire pressure with direct vent (inch of w.c no wind)		+0.06 to +0.22		
BECKETT BURNER; NX MODEL (Chimney or DV)/ Insertion	KI	ABR0301BEC / 1 3/4"		
AHRI Model #	OBMAAB060154-126-BNX	OBMAAB060154-154-BNX		
Maximum Heating capacity, (BTU/h)*	107,000	129,000		
Head type	107,000	6 Slots - LC head		
Nozzle (Delavan) [†]	0.75 - 60B	0.90 - 60B		
Pump pressure (PSIG)*	145	150		
Head/Air setting	3,5	4		
	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	87.0%	85.6% 95.10/		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	85.3%	85.1% .ABR0501RLO / 2 3/4"		
RIELLO BURNER; 40-F5 MODEL (Chimney)/ Insertion	OBMAAB060154-126-RF	OBMAAB060154-154-RF		
AHRI Model #				
Maximum Heating capacity, (BTU/h)*	106,000	128,000		
Nozzle (Delavan) [†]	0.75 - 70A	0.90 - 70A		
Pump pressure (PSIG)*	145	150		
Combustion air adjustment (turbulator/damper)	1.5 / 2.25	2.5 / 2.75		
AFUE % (From CSA B212 standard and Canadian regulation [‡]	86.6%	85.3%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	86.0%	85.0%		
RIELLO BURNER; 40-BF5 MODEL (Direct vent DV)/ Insertion		ABR0601RLO / 2 3/4"		
AHRI Model #	OBMAAB060154-126-RBF	OBMAAB060154-154-RBF		
Maximum Heating capacity, (BTU/h)*	106,000	128,000		
Nozzle (Delavan) [†]	0.75 - 70A	0.90 - 70A		
Pump pressure (PSIG)*	145	150		
Combustion air adjustment (turbulator/damper)	1.0 / 3.75	3.0 / 4.25		
AFUE % (From CSA B212 standard and Canadian regulation) [‡]	86.4%	85.7%		
AFUE % (From ASHRAE 103 standard and US regulation) [‡]	86.1%	85.0%		
ELECTRICAL SYSTEM				
Volts - Hertz - Phase		115 - 60 - 1		
Rated current (Amps)		16,9		
Minimum ampacity for wire sizing (Amps)		19,5		
Max. fuse size (Amps)		20		
Control transformer(VA)		40		
External control power available: Heating (VA)		40		
External control power available: Cooling (VA)		30		
BLOWER DATA				
Heating blower speed at 0.25" W.C. SP	MED-LOW	MED-HIGH		
Heating blower speed at 0.50" W.C. SP	MED-LOW	MED-HIGH		
Motor (HP) / number of speeds		1.0 HP / 4 speeds		
Blower size (diam. x width)	12	2" x 10" (tight housing)		
GENERAL INFORMATION	•			
Overall dimensions (width x depth x height)		25" x 28 1/2" x 48"		
Supply air opening (width x depth)	20" x 22"			
Return air opening (width x depth)		23" x 23"		
Filter size		24" x 24" x 1"		
Shipping weight Lbs/Kg	200 / 90			
Air conditioning, maximum output (tons) at 0.5" W.C. SP	200 / 90			

- *. INPUT & OUTPUT ADJUSTMENT

 Pump pressure can be adjusted to maintain proper firing rate

 Increase pump pressure if flue gases temperature is under 400°F

 Adjust the total flue gas temperature between 400°F and 575°F (330°F and 505°F net approximately)

 †. Default Installed Nozzle in bold characters

 ‡. AFUE values established after minimum 20 hours of operation..

AIR DELIVERY - CFM (WITH FILTERS)

OBM098

BLOWER SPEED	EXTERNAL STATIC PRESSURE WITH AIR FILTER (In. W.C.)							
BLOWER SPEED	0.2	0.3	0.4	0.5	0.6	0.7		
HIGH	1185	1150	1095	1050	990	920		
MED-HIGH	1055	1005	970	925	875	810		
MED-LOW	860	860	845	795	740	695		
LOW	680	690	680	665	640	565		

OBM112

BLOWER SPEED	EXTERNAL STATIC PRESSURE WITH AIR FILTER (In. W.C.)						
BLOWER SPEED	0.2	0.3	0.4	0.5	0.6	0.7	
HIGH	1550	1510	1460	1400	1320	1220	
MED-HIGH	1320	1280	1240	1200	1160	1020	
MED-LOW	1180	1150	1110	1080	1040	940	
LOW	1070)	1040	1010	980	910	840	

OBM154

BLOWER SPEED	EXTERNAL STATIC PRESSURE WITH AIR FILTER (In. W.C.)						
BLOWER SPEED	0.2	0.3	0.4	0.5	0.6	0.7	
HIGH	2130	2085	1995	1915	1820	1745	
MED-HIGH	1930	1855	1800	1750	1675	1615	
MED-LOW	1565	1495	1460	1430	1400	1360	
LOW	1185	1170	1140	1105	1080	1065	

AIR DELIVERY - CFM (WITH FILTERS)

OVM098

OIL HEATING MODE - 24 VAC input (R) on W only						
SW1- HEAT HEAT INPUT CFM with SW3-ADJ CFM with SW3-ADJ CFM with SW3-A						
DIP switch position	(USGPH)	DIP switch position A	DIP switch position B	DIP switch position C		
A (1=OFF, 2=OFF)	0.70	970	1070	875		
B (1=ON, 2=OFF)	0.60	820	900	735		
C (1=OFF, 2=ON)	0.50	680	750	610		
D (1=ON, 2=ON)	Same value as DIP switch position A					

CONTINUOUS FAN - 24 VAC input (R) on G only								
SW2- COOL	SW2- COOL A/C size CFM with SW3-ADJ CFM with SW3-ADJ CFM with SW3-A							
DIP switch position	(TON)	DIP switch position A	DIP switch position B	DIP switch position C				
A (1=OFF, 2=OFF)	3.0	900	1035	765				
B (1=ON, 2=OFF)	2.5	750	860	635				
C (1=OFF, 2=ON)	2.0	600	690	510				
D (1=ON, 2=ON)	1.5	450	515	380				

COOLING OR HEAT PUMP HEATING MODE - 24 VAC input (R) to G, Y/Y2 and O (for cooling)						
SW2- COOL A/C size CFM with SW3-ADJ CFM with SW3-ADJ CFM with SW3-ADJ DIP switch position A DIP switch position B DIP switch position C						
A (1=OFF, 2=OFF)	3.0	1200	1320	1080		
B (1=ON, 2=OFF)	2.5	1000	1100	900		
C (1=OFF, 2=ON)	2.0	800	880	720		
D (1=ON, 2=ON)	1.5	600	660	540		

In Cooling - Dehumidification mode, with no 24 VAC input to DH, the CFM are reduced by 15%.

The CFM shown are reduced by 20% if there is 24 VAC input to Y1 (Slow speed of 2-speed compressor)

DELAY PROFILE FOR OIL HEATING MODE						
SW4- DELAY	SW4- DELAY HEAT INPUT PreRun On-Delay ShortRun On-Delay Off-Delay					
DIP switch position	(USGPH)	CFM Level - Time	CFM Level - Time	CFM Level - Time		
A (1=OFF, 2=OFF)	0.7	13% - 45 sec.	19% - 30 sec	38% -3 min.		
B (1=ON, 2=OFF)	0.55	13% - 45 sec.	19% - 60 sec	38% -3 min.		
C (1=OFF, 2=ON)	0.505	13% - 60 sec.	13% - 60 sec	38% -3 min.		
D (1=ON, 2=ON)	All	13% - 30 sec.	100% - 0 sec	100% - 2 min.		

PreRun and ShortRun are the periods of time when the blower starts at very low CFM to minimize the distribution of cool air in the system and then runs up to normal speed.

Off Delay is the time required to cool down the heat exchanger with low CFM, to minimize cool draft in the air distribution system.

DELAY PROFILE FOR COOLING OR HEAT PUMP HEATING MODE				
No adjustment required A/C size PreRun On-Delay ShortRun On-Delay Off-Delay CFM Level - Time CFM Level - Time CFM Level - Time				
-	All	No delay	No delay	100% - 90 sec.

OVM112

OIL HEATING MODE - 24 VAC input (R) on W only				
SW1- HEAT DIP switch position	HEAT INPUT (USGPH)	CFM with SW3-ADJ DIP switch position A	CFM with SW3-ADJ DIP switch position B	CFM with SW3-ADJ DIP switch position C
A (1=OFF, 2=OFF)	0.68	1160	1275	1045
B (1=ON, 2=OFF)	0.80	1340	1475	1205
C (1=OFF, 2=ON)*	0.68	1000	1100	900
D (1=ON, 2=ON)*	0.80	1160	1275	1045

CONTINUOUS FAN - 24 VAC input (R) on G only					
SW2- COOL A/C size CFM with SW3-ADJ CFM with SW3-ADJ CFM with SW3-ADJ					
DIP switch position	(TON)	DIP switch position A	DIP switch position B	DIP switch position C	
A (1=OFF, 2=OFF)	3.5	1050	1210	895	
B (1=ON, 2=OFF)	3.0	900	1035	765	
C (1=OFF, 2=ON)	2.5	750	865	640	
D (1=ON, 2=ON)	2.0	600	690	510	

COOLING OR HEAT PUMP HEATING MODE - 24 VAC input (R) to G, Y/Y2 and O (for cooling)					
SW2- COOL A/C size CFM with SW3-ADJ CFM with SW3-ADJ CFM with SW3-ADJ					
DIP switch position	(TON)	DIP switch position A	DIP switch position B	DIP switch position C	
A (1=OFF, 2=OFF)	3.5	1400	1400	1260	
B (1=ON, 2=OFF)	3.0	1200	1320	1080	
C (1=OFF, 2=ON)	2.5	1000	1100	900	
D (1=ON, 2=ON)	2.0	800	880	720	

In Cooling - Dehumidification mode, with no 24 VAC input to DH, the CFM are reduced by 15%. The CFM shown are reduced by 20% if there is 24 VAC input to Y1 (first stage cooling mode)

DELAY PROFILE FOR OIL HEATING MODE					
SW4- DELAY HEAT INPUT PreRun On-Delay ShortRun On-Delay Off-Delay					
DIP switch position	(USGPH)	CFM Level - Time	CFM Level - Time	CFM Level - Time	
A (1=OFF, 2=OFF)	0.68	13% - 45 sec.	19% - 60 sec	38% - 3 min.	
B (1=ON, 2=OFF)	0.80	13% - 45 sec.	19% - 30 sec	38% - 3 min.	
C (1=OFF, 2=ON)	All	13% - 45 sec.	100% - 0 sec	100% - 2 min.	
D (1=ON, 2=ON)	All	13% - 90 sec.	100% - 0 sec	100% - 2 min.	

PreRun and ShortRun are the periods of time when the blower starts at very low CFM to minimize the distribution of cool air in the system and then runs up to normal speed.

Off Delay is the time required to cool down the heat exchanger with low CFM, to minimize cool draft in the air distribution system.

DELAY PROFILE FOR COOLING OR HEAT PUMP HEATING MODE				
No adjustment required A/C size PreRun On-Delay ShortRun On-Delay Off-Delay CFM Level - Time CFM Level - Time CFM Level - Time				
-	All	No delay	No delay	100% - 90 sec.

^{*} Alternate adjustment in oil-fired heating mode with higher temperature rise.

OVM154

OIL HEATING MODE - 24 VAC input (R) on W only					
SW1- HEAT HEAT INPUT CFM with SW3-ADJ CFM with SW3-ADJ DIP switch position (USGPH) DIP switch position A DIP switch position B DIP switch position C					
A (1=OFF, 2=OFF)	0.90	1450	1595	1305	
B (1=ON, 2=OFF)	1.10	1700	1875	1530	
C (1=OFF, 2=ON)*	Settings not used in this mode				
D (1=ON, 2=ON)*		Settings not us	eu III ulio IIIoue		

CONTINUOUS FAN - 24 VAC input (R) on G only				
SW2- COOL	A/C size	CFM with SW3-ADJ	CFM with SW3-ADJ	CFM with SW3-ADJ
DIP switch position	(TON)	DIP switch position A	DIP switch position B	DIP switch position C
A (1=OFF, 2=OFF)	5.0	1500	1725	1275
B (1=ON, 2=OFF)	4.0	1200	1380	1020
C (1=OFF, 2=ON)	3.5	1050	1205	890
D (1=ON, 2=ON)	3.0	900	1035	765

COOLING OR HEAT PUMP HEATING MODE - 24 VAC input (R) to G, Y/Y2 and O (for cooling)							
SW2- COOL	SW2- COOL A/C size CFM with SW3-ADJ CFM with SW3-ADJ CFM with SW3-ADJ						
DIP switch position	(TON)	DIP switch position A	DIP switch position B	DIP switch position C			
A (1=OFF, 2=OFF)	5.0	2000	2200	1800			
B (1=ON, 2=OFF)	4.0	1600	1760	1440			
C (1=OFF, 2=ON)	3.5	1400	1540	1260			
D (1=ON, 2=ON)	3.0	1200	1320	1080			

In Cooling - Dehumidification mode, with no 24 VAC input to DH, the CFM are reduced by 15%. The CFM shown are reduced by 20% if there is 24 VAC input to Y1 (first stage cooling mode)

AIR DELIVERY - CFM (WITH FILTERS)

OVM154 (CONTINUED)

	DELAY PROFILE FOR OIL HEATING MODE				
SW4- DELAY HEAT INPUT PreRun On-Delay ShortRun On-Delay Off-Delay					
DIP switch position	(USGPH)	CFM Level - Time	CFM Level - Time	CFM Level - Time	
A (1=OFF, 2=OFF)	0.90	13% - 90 sec.	31% - 30 sec.	50% - 4 min.	
B (1=ON, 2=OFF)	1.10	13% - 60 sec.	31% - 30 sec.	38% - 5 min.	
C (1=OFF, 2=ON)	ALL	13% - 90 sec.	31% - 30 sec.	56% - 5 min.	
D (1=OFF, 2=ON)	ALL	13% - 60 sec.	31% - 30 sec.	44% - 5 min.	

PreRun and ShortRun are the periods of time when the blower starts at very low CFM to minimize the distribution of cool air in the system and then runs up to normal speed.

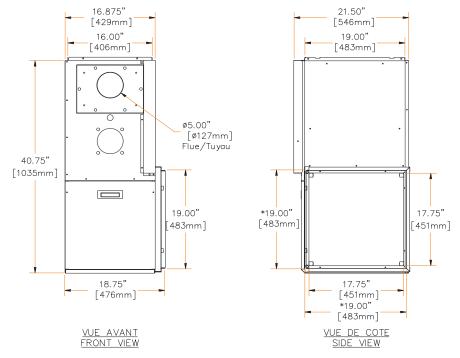
Off Delay is the time required to cool down the heat exchanger with low CFM, to minimize cool draft in the air distribution system.

DELAY PROFILE FOR COOLING OR HEAT PUMP HEATING MODE					
No adjustment required	A/C size	PreRun On-Delay CFM Level - Time	ShortRun On-Delay CFM Level - Time	Off-Delay CFM Level - Time	
-	All	No delay	No delay	100% - 90 sec.	

FURNACE ACCESSORIES

	OBM-OVM098 ACCESSORIE	S	
ACCESSORY NUMBER	DESCRIPTION	APPLICATION NOTES	
KLASB0801DET	DOWNFLOW BASE	B03464-01	
KLASB0701DET	HORIZONTAL FLOW BASE	B00488-01	
KLARB0101DET	FLOOR RETURN BASE	B03482-01	
KLAVT0101DET	VENT TERMINAL KIT 4"	For sealed combustion	
KLAFV0201DET	4" INSULATED FLEX VENT 20ft	For sealed combustion	
1/1 ADD 101DE0	BECKETT AFG BURNER (0.50-60A		
KLABR401BEC	NOZZLE)		
1/1 ADD0404DE0	BECKETT NX BURNÉR (0.50-60W		
KLABR0101BEC	NOZZLE)		
1/1 A D D 0 4 0 4 D 1 O	RIELLO 40-F3 BURNER (0.50-70A		
KLABR0101RLO	NOZZLE)		
141.45500451.0	RIELLO 40-BF3 BURNER (0.50-70A		
KLABR201RLO	NOZZLE)	For sealed combustion	
B03789	BURNER NX PROTECTION PLATE	For downflow installation only	
KLABV0301DET	BLOCKED VENT SHUTOFF KIT	,	
	OBM-OVM112 ACCESSORIE	S	
KLASB0901DET	DOWNFLOW BASE	B03464-02	
KLASB0701DET	HORIZONTAL FLOW BASE	B00488-01	
KLAVT0101DET	VENT TERMINAL KIT 4"	For sealed combustion	
KLAFV0201DET	4" INSULATED FLEX VENT 20ft	For sealed combustion (B02551-10)	
	BURNER BECKETT AFG (0,60-60W		
KLABR0501BEC	NOZZLE)		
	BECKETT NX BURNER (0.60-60A		
KLABR0201BEC	NOZZLE)		
	RIELLO 40-F5 BURNER (0.60-70A		
KLABR0301RLO	NOZZLE)		
	RIELLO 40-BF5 BURNER (0.60-70A		
KLABR0401RLO	NOZZLE)	For sealed combustion	
KLABV0101DET	BLOCKED VENT SHUTOFF KIT		
	OBM-OVM154 ACCESSORIE	S	
KLASB1001DET	DOWNFLOW BASE	B03464-03	
KLASB0701DET	HORIZONTAL FLOW BASE	B00488-01	
KLAVT0201DET	VENT TERMINAL KIT 5"	For sealed combustion	
KLAFV0401DET	5" INSULATED FLEX VENT 20ft	For sealed combustion (B02551-10)	
	BECKETT NX BURNER (0.75-60B	,	
KLABR0301BEC	NOZZLE)	For sealed combustion	
	RIELLO 40-F5 BURNER (0.75-70A		
KLABR0501RLO	NOZZLE)		
	RIELLO 40-BF5 BURNER (0.75-70A		
KLABR0601RLO	NOZZLE) For sealed combustion		
KLABV0101DET	BLOCKED VENT SHUTOFF KIT		
TEL STOTOTOET	DECORED VERY ONO TOTAL INT		

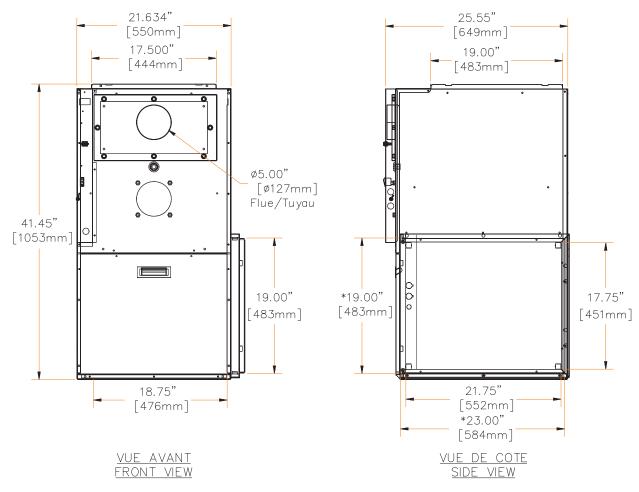
OBM/OVM098



* OUVERTURE CONDUIT/DUCT OPENING

INSTALLATION HORIZONTALE AVEC BASE RETOUR DE PLANCHER HORIZONTAL INSTALLATION WITH FLOOR RETURN BASE 46.50" *19.00" [1181mm] [483mm] 0 -20.25" *19.00" [483mm] [514mm] ø5.00" RETURN FLOOR BASE-[ø127mm] Flue/Tuyau <u>VUE AVANT</u> FRONT VIEW VUE DESSOUS BOTTOM VIEW * OUVERTURE CONDUIT/DUCT OPENING

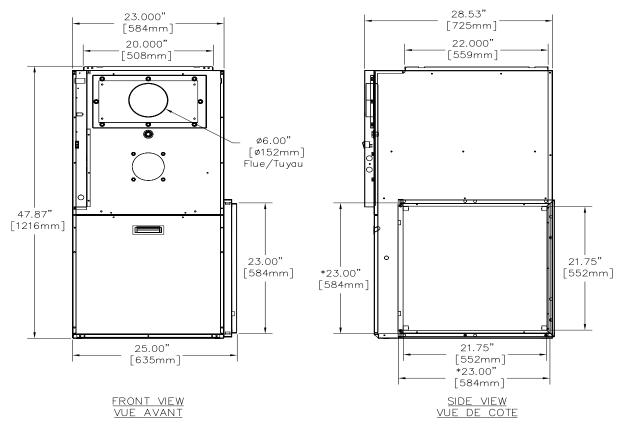
OBM/OVM112



* OUVERTURE CONDUIT/DUCT OPENING

DNS-1226 Rev.A

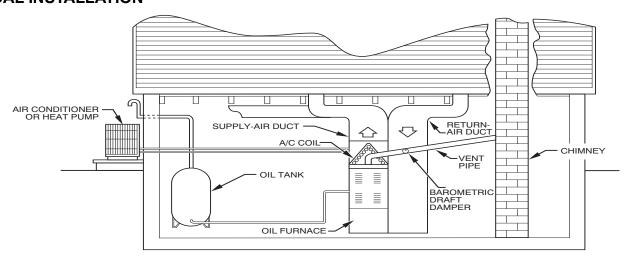
OBM/OVM154



* DUCT OPENING/OUVERTURE CONDUIT

DNS-1290 Rev.B

TYPICAL INSTALLATION



A10322

OBM/OVM: Product Data

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