



OIL FIRED UPFLOW FURNACE SPECIFICATIONS

MODEL NO.	OH6FX072DV4R			
HEATING CAPACITY	LOW CAPACITY		HIGH CAPACITY	
	Low Fire	High Fire	Low Fire	High Fire
HEAT INPUT RATE (BTUH)	70,000	85,000	85,000	106,250
OUTPUT BTUH ¹	61,500	72,000	74,000	89,000
SEASONAL EFFICIENCY ²	87.0		86.4	
LARGEST REC A/C ³	4 tons		4 tons	
NOMINAL TEMP RISE	66°	66°	66°	66°
HEAT EXCHANGE AREA				
CASING HEIGHT (IN.):	45"			
CASING WIDTH (IN.):	20"			
CASING DEPTH (IN.):	30"			
NOMINAL FLUE OUTLET DIA.	5"			
APPROX SHIPPING WEIGHT	250 lbs.			
APPROVAL AGENCY	U.L.			
QTY AND SIZE OF PERMANENT FILTERS	(1) 24-3/4" x 15-3/4"			
ELECTRICAL REQUIREMENTS	120 / 60 / 1			
MAX FUSE SIZE ECM	15			
TOTAL CURRENT (AMPS) ECM	12.1			
HEIGHT FROM FLOOR TO CENTER OF FLUE (FRONT FLUE) (REAR FLUE)	40 3/4"			
SUPPLY AIR OUTLET SIZE (W-IN. X D-IN.)	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"			
RETURN AIR INLET OPENING SIZE IN SIDE CASING TO BE CUT-OUT BY DEALER (D-IN. X H-IN.)	23" X 14"			
ACCESSORY ITEMS				
BLOCKED VENT KIT ⁴	AOPS2686			

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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.

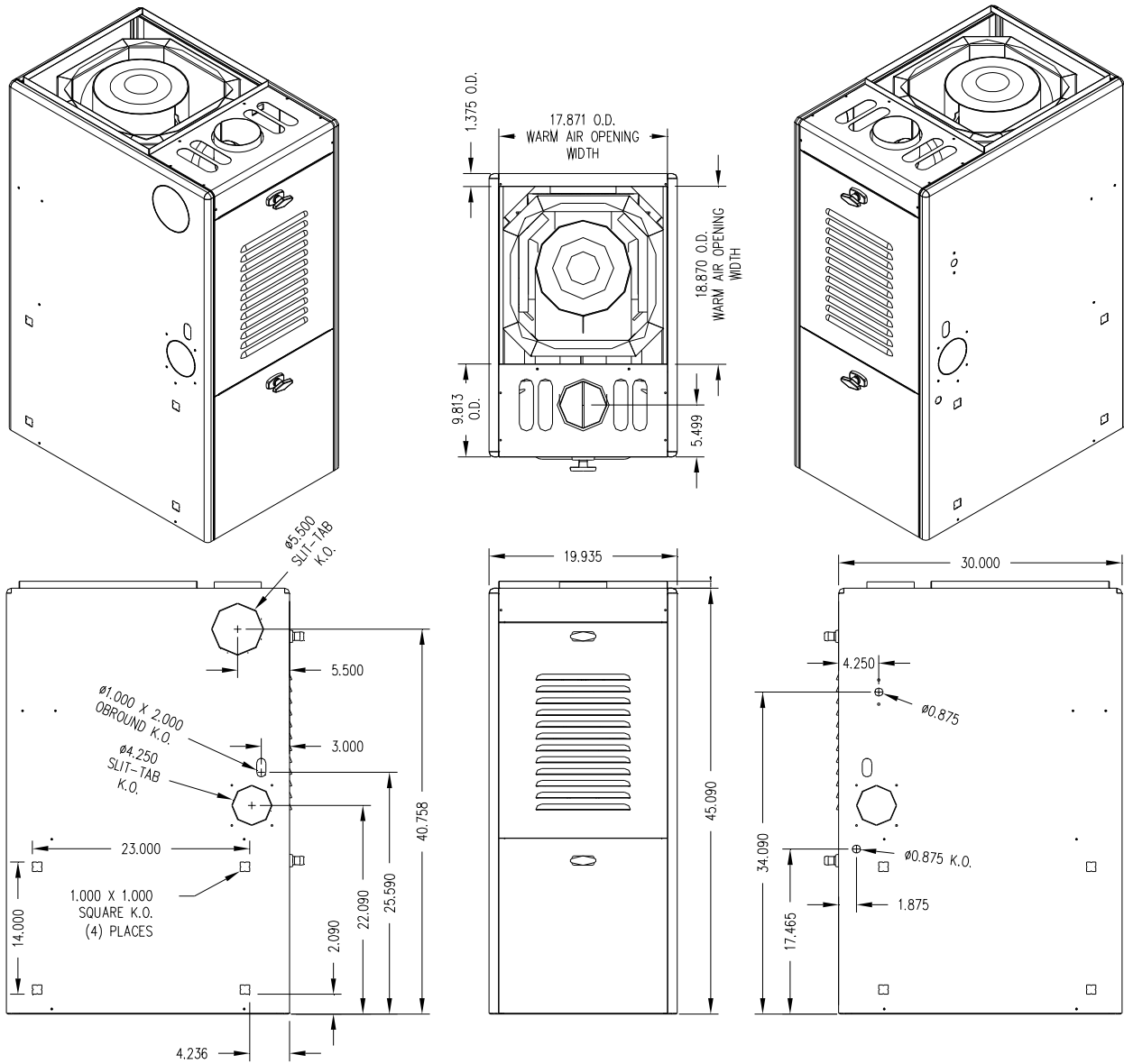
⁴ NOT TO BE USED IN SIDEWALL VENT APPLICATION, USE ONLY WHEN CHIMNEY VENTED.

⁵ PLENUM ADAPTERS INCLUDED WITH UNIT MUST BE INSTALLED FOR 20"X20" PLENUM.

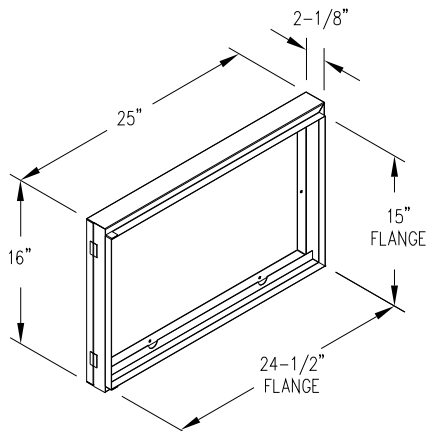
Model Number Digit	1	2	3	4	5	6	7	8	9	10	11	12
	Fuel	Configuration	Heat Exchanger Identifier	Flue	Design Change	Capacity	Capacity	Capacity	Blower Type	Cig Airflow Cap.	Cig Airflow Cap.	Burner
Oil Furnace Model Nomenclature Example Model Numbers	O	H	6	F	X	0	7	2	D	V	4	R
O = Oil	O											
H = Highboy		H										
6 = Heat Exchanger Size Identifier			6									
F = Front				F								
X= 2 Stage					X							
Heating Capacity MBTUH (000's) with factory installed nozzle						0	7	2				
D = Direct Drive									D			
Cig. Airflow Variable Speed (ECM) V4= 4tons										V	4	
R = Riello												R

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FILTER RACK SPECIFICATIONS



- SEE NEXT PAGE FOR MORE DATA -

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BLOWER DATA:	OH6FX072DV4
BLOWER MODEL¹	DD 100-9R
MOTOR H.P.	¾ HP Variable Speed
MOTOR TYPE	ECM
HIGH SPEED AIRFLOW (SCFM) @ 0.5 IN. W.G. EXTERNAL STATIC PRESSURE:	1600
Diameter x Width	10 x 9

BURNER DATA	RIELLO "G5D"	
AIR TUBE LENGTH (IN.)	4 ¼"	
BURNER HEAD TYPE:	Fixed	
FUEL TYPE:	#2	
NOZZLE RATING (GPH):	70-45° W	50-45° W
SPRAY ANGLE (DEG.):	45°	45°
SPRAY PATTERN:	W	W
OIL PUMP PRESSURE (PSIG):	130 / 170	130 / 170
COMBUSTION CHAMBER TYPE:	REFRACTORY (SOFT CHAMBER)	

CLEARANCES	
	MINIMUM CLEARANCES TO COMUSTIBLE MATERIALS:
SIDES	0"
FRONT (SERVICE ACCESS)	(Clearance to Combustibles) 6" / 24" (Service)
REAR	0"
FLUE	7"
TOP PLENUM	1"
SIDES PLENUM	1"

¹ DD = DIRECT DRIVE

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OIL FIRED DOWNFLOW FURNACE SPECIFICATIONS

HEATING AIR FLOW / TEMPERATURE RISE

		LOW CAPACITY		HIGH CAPACITY	
FAN CONTROL SW 1 SWITCH SETTINGS	BTUH	LOW FIRE 60,000	HI FIRE 72,000	LOW FIRE 72,000	HI FIRE 90,000
	HEATING CFM	APPROX. CFM/RISE (°F)	APPROX. CFM/RISE (°F)	APPROX. CFM/RISE (°F)	APPROX. CFM/RISE (°F)
3 - OFF 2 - OFF 1 - OFF	740	592 / 94°	740 / 90°	592 / 113°	740 / 113°
3 - OFF 2 - OFF 1 - ON	812	650 / 85°	812 / 82°	650 / 103°	812 / 103°
3 - OFF 2 - ON 1 - OFF	883	706 / 79°	883 / 75°	706 / 94°	883 / 94°
3 - OFF 2 - ON 1 - ON	968	744 / 72°	968 / 69°	774 / 86°	968 / 86°
3 - ON 2 - OFF 1 - OFF	1054	843 / 66°	1054 / 63°	843 / 79°	1054 / 79°
3 - ON 2 - OFF 1 - ON	1153	922 / 60°	1153 / 58°	922 / 72°	1153 / 72°
FACTORY SW1 SWITCH SETTINGS 3 - ON 2 - ON 1 - OFF	1267	1013 / 55°	1267 / 53°	1013 / 66°	1267 / 66°
3 - ON 2 - ON 1 - ON	1424	1139 / 49°	1424 / 47°	1139 / 59°	1424 / 59°

= Recommended heating speed setting

Cooling Speed set-ups

Fan Control SW 1 Switch Settings	Air Flow		
	Clg. Tonage	Cool	Continuous
6-OFF 5-OFF 4-OFF	2	799	500
6-OFF 5-OFF 4-ON	2.5	1017	508
6-OFF 5-ON 4-OFF	3	1210	605
6-OFF 5-ON 4-ON	3.5	1404	702
FACTORY SW1 SWITCH SETTINGS 6-ON 5-OFF 4-OFF	4	1622	799

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A/C Evaporator Coil Applications

Furnace Model Number	AC Tonnage	Line Set	Cond. Model Number	Coil Model Number	Capacity	EER	SEER	AHRI Reference Number
OH6FX072DV4	2	LS01E-30	TC4B2421H	HE33636PA212	23000	12.20	14.00	9136135
				HE47636PA212	23000	12.20	14.50	9136136
		LS01E-50	TC7B2421S	HE33636PA212	23600	12.50	15.00	9136145
				HE47636PA212	23600	13.00	16.00	9136146
	2.5	LS01E-30	TC4B3021H	HE33636PA212	29400	11.70	14.00	9136137
				HE47636PA212	29400	12.20	14.50	9136138
		LS01E-50	TC7B3021S	HE33636PA212	28000	12.50	15.00	9136147
				HE47636PA212	28400	13.00	16.00	9136148
	3	LS01E-30	TC4B3621H	HE33636PA212	34400	11.70	14.00	9136139
				HE47636PA212	34600	12.20	14.50	9136140
		LS01E-50	TC7B3621S	HE33636PA212	34800	12.20	15.00	9136149
				HE47636PA212	36000	13.00	16.00	9136150
	3.5	LS02E-30	TC7B4221S	-	-	-	-	-
				HE50660PA212	41500	13.00	16.00	9136152
	4	LS02E-30	TC4B4821H	-	-	-	-	-
				HE50660PA212	47500	12.20	14.50	9136144
LS02E-50		TC7B4821S	-	-	-	-	-	
			HE50660PA212	45500	12.50	15.00	9136154	