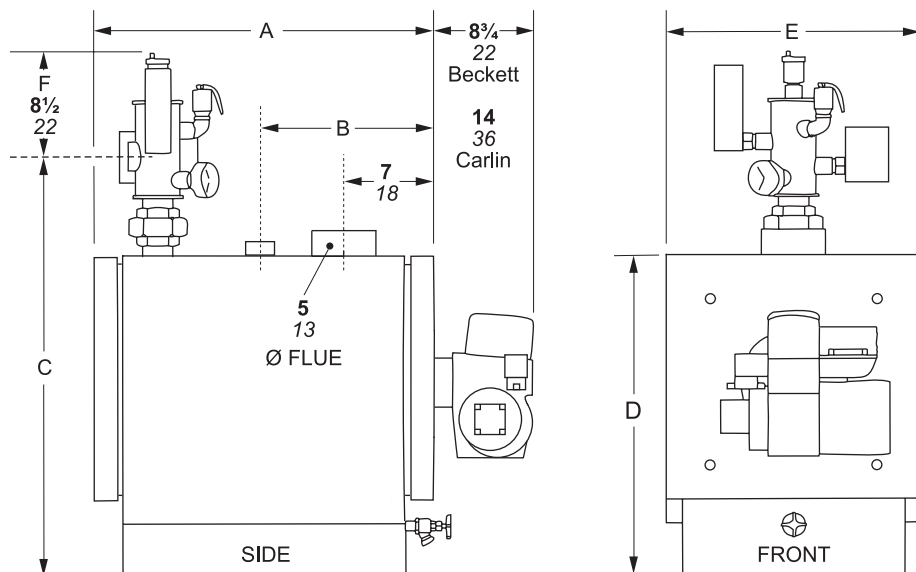


MAX[®]

Oil-Fired Heating Boiler



Dimensions shown in **inches cm.**

MAX	Low Mass Residential Boiler
D-MAX	Direct Venting Model
Indoor Sizes 75,000 -165,000 BTU/h	
Submittal Data LAARS Heating Systems Company A subsidiary of BRADFORD WHITE Corporation	

Standard Equipment

- Honeywell Aquastat L8148
- 20 gauge jacket
- Stainless steel tube turbulators
- Heavy duty insulation
- Pressure relief valve
- Series counter flow vessel
- Tridicator
- TACO 007-F4 Circulator (not mounted)
- Control center manifold
- Beckett AF2/Carlin EZ1 burner
- Automatic air elimination
- Hinged front door

Dimensional Data

Indoor Model	A		B		C		D		E		Supply/Return Tapping
	Jacket Depth		Return Tapping Location		Supply Tapping Location		Jacket Height		Jacket Width		
	in	cm	in	cm	in	cm	in	cm	in	cm	NPT
MAX 75	26.5	67	13.5	34	32.75	83	25	64	20	51	1-1/4
MAX 100	26.5	67	13.5	34	32.75	83	25	64	20	51	1-1/4
MAX 120	26.5	67	13.5	34	32.75	83	25	64	20	51	1-1/4
MAX 140	27.75	71	12.75	32	39.25	100	30.25	77	24.5	62	1-1/4
MAX 165	27.75	71	12.75	32	39.25	100	30.25	77	24.5	62	1-1/4

Specifications

Indoor Model	Input		Output		AFUE	Firing Rate		Net Stack Temp		Water Capacity		Weight	
	MBTU/h	kW	MBTU/h	kW		GPH	mL/h	°F	°C	Gallons	L	lbs	kg
MAX 75	105	30.8	91.3	26.8	87	0.75	2.84	320	160	3.2	12.1	324	147
MAX 100	140	41	121	35.5	86.5	1	3.79	350	177	3.2	12.1	324	147
MAX 120	168	49.2	144.5	42.3	86	1.2	4.54	420	216	3.2	12.1	324	147
MAX 140	196	57.4	169.3	49.6	86.4	1.4	5.3	330	166	5.1	19.3	431	195
MAX 165	231	67.7	196.3	57.5	85	1.65	6.25	410	210	5.1	19.3	431	195

Minimum Clearances from Adjacent Construction

	in	cm
Front	24	61
Rear	6	15
Sides	6	15

Note: Clearance from combustible materials should be in accordance with local and national codes.