

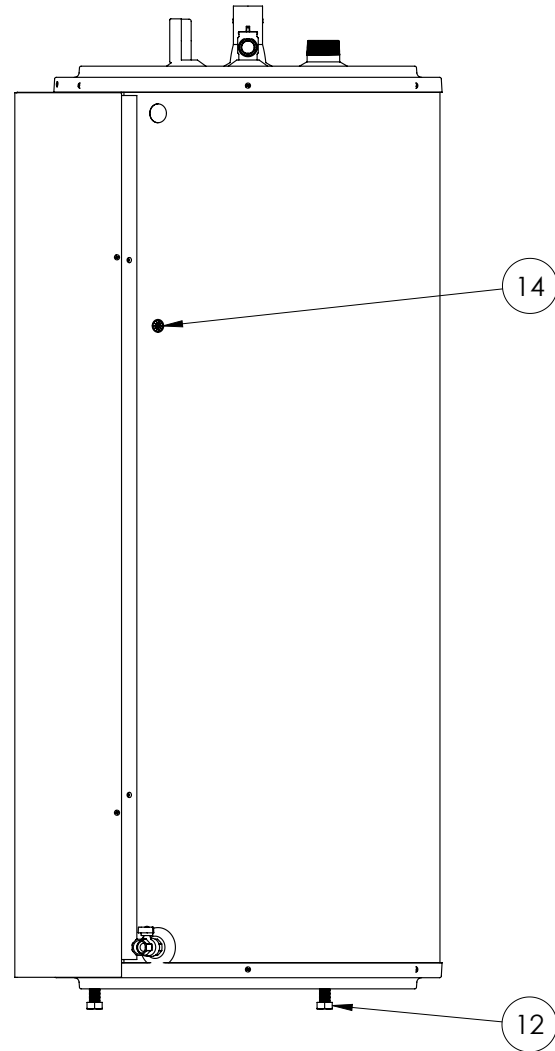
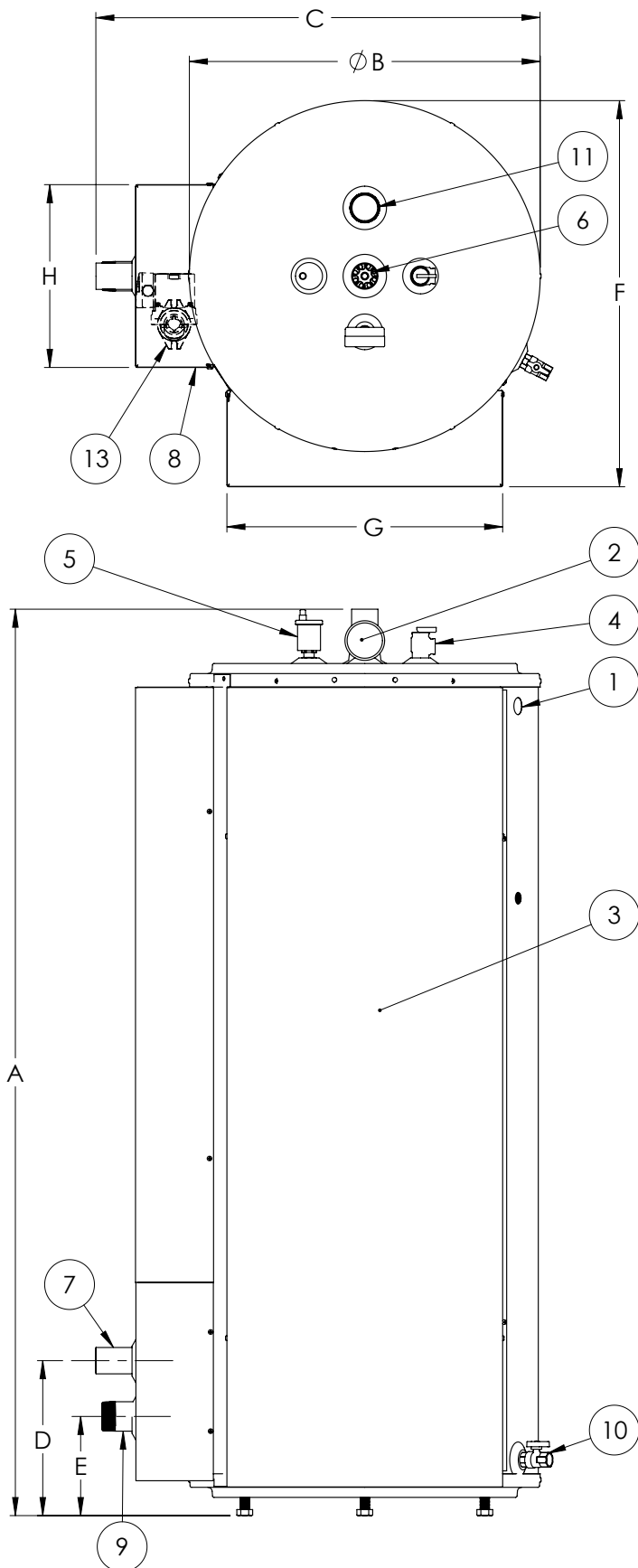
TECHNICAL DATA

Model	Tank Volume	Domestic water connection	Boiler connection	Shipping weight
COMBOMAX® 109	125 gal. US	2" Sweat M	2" NPT M	630 lbs

MAXIMUM PRESSURE : 30 PSI (HEATING), 125 PSI (DOMESTIC HOT WATER)

COMPONENTS IDENTIFICATION

- 1 Electrical supply
- 2 Temp. & Press. indicator 1/2" NPTM
- 3 Electrical panel removable
- 4 Pressure relief valve 3/4" NPTF
- 5 Automatic air vent 1/2" NPTM
- 6 Domestic hot water outlet
- 7 Cold water supply
- 8 Removable panel for access to recirculating pump
- 9 Boiler Water Intlet
- 10 Tank drain valve 3/4"NPTF
- 11 Boiler Water Outlet
- 12 Adjustable legs
- 13 Recirculating pump
- 14 Electrical control wires access hole



DIMENSIONS

MODEL	A	B	C	D	E	F	G	H
	in.	in.	in.	in.	in.	in.	in.	in.
COMBOMAX 109	73 1/4	28 5/16	36	12 1/2	8	31 3/16	22 1/4	14 3/4

COMBOMAX 109, 240 VAC / 60 Hz / 1 phase¹

Model	Power ²		Amps ³	Elements 240V	Stages	Suggested electrical input*	
	KW	BTU/h				Cu wire	Breaker
109-6	6	20 472	25,0	2 x 3 kW	2	8	40
109-8	8	27 296	33,3	1 x 3 kW + 1 x 5 kW	2	8	50
109-10	10	34 120	41,6	2 x 5 kW	2	6	60
109-12	12	40 944	50,0	4 x 3 kW	4	6	70
109-15	15	51 180	62,5	2 x 3 kW + 2 x 4,5 kW	4	6	80
109-18	18	61 416	75,0	4 x 4,5 kW	4	4	100
109-20	20	68 240	83,4	4 x 5 kW	4	3	110
109-24	24	81 888	100,0	4 x 6 kW	4	3	125
109-27	27	92 124	112,5	6 x 4,5 kW	6	1	150
109-30	30	102 360	125,0	6 x 5 kW	6	1	175

¹Electrical supply 120/240VAC or 120/208 VAC single phase (L1-N-L2) with three 90 °C conductors with a ground.

²Multiply by ,75 for 208 VAC electrical supply.

³Multiply by ,867 for 208 VAC electrical supply.

COMBOMAX 109, 600 VAC / 60 Hz / 3 phases¹

Model	Power ²		Amps ³	Elements 347V	Stages	Suggested electrical input*	
	KW	BTU/h				Cu wire	Breaker
109-9	9	30 708	8,7	3 x 3 kW	1	14	15
109-13	13	44 356	12,5	3 x 4,5 kW	1	12	20
109-18	18	61 416	17,3	6 x 3 kW	2	10	30
109-22	22	75 064	21,2	3 x 3 kW + 3 x 4,5 kW	2	10	30
109-27	27	92 124	26,0	6 x 4,5 kW	2	8	40
109-30	30	102 360	28,9	6 x 5 kW	2	8	40

¹Electrical supply 600VAC three phases (L1-L2-L3) with three 90 °C conductors with a ground.

*The wire gauges and circuit breaker capacities must comply with the National Electrical Code (NEC), the Canadian Electrical Code (C local codes, if applicable.