



Glow

Brand™

SUBMITTAL DATA SHEET

Job Name:		Contractor:		
Location:		Distributor:		
Engineer:		Date:		
Submitted To:		Model No:	C-95	C-140
Schedule ID:		Unit Quantity:		

Specification	C95	C140
Domestic Input – Min MBH (KW)	9 (2.6)	13 (3.8)
Domestic Input – Max MBH (KW)	97 (28.4)	139 (40.7)
Domestic Output – Max MBH (KW)	92 (26.9)	134 (39.3)
Central Heating Input – Min MBH (KW)	9 (2.6)	13 (3.8)
Central Heating Input – Max MBH (KW)	76 (22.3)	111.2 (32.6)
A.F.U.E	95%	95%
Min Gas Pressure (Nat. Gas) – inch w.c.	3.5	3.5
Max Gas Pressure (Nat. Gas) – inch w.c.	10.5	10.5
Power (120Vac/60Hz) - Watts @ full fire with internal pump	180	198
Expansion tank water content – USG (Liters)	1.6 (6)	1.6 (6)
Min boiler flow rate – Usgpm (lpm)	2.2 (8.3)	5.3 (20.0)
Min Operating Pressure – Space Heating - psig	10	10
Max Operating Pressure – Space Heating - psig	30	30
Min Operating Pressure – Domestic Hot Water - psig	30	30
Max Operating Pressure – Domestic Hot Water - psig	150	150
Min water Temperature - Space Heating - °F (°C)	95 (35)	95 (35)
Max water Temperature – Space Heating - °F (°C)	176 (80)	176 (80)
Min water Temperature – Domestic Hot Water - °F (°C)	104 (40)	104(40)
Max water Temperature – Domestic Hot Water - °F (°C)	140 (60)	140 (60)
Min flow rate to activate DHW – Usgpm (lpm)	0.5 (1.89)	0.5 (1.89)
Max flow rate DHW– Usgpm (Lpm) ¹ @77°F rise	2.4 (9)	3.7 (14)
Vent/Air-Intake Pipe Diameter, inches (mm)	2 (51) or 3 (76)	
Max equivalent vent length 2" (each side) - ft	100	40
Max equivalent vent length 3" (each side)- ft	125	125
CH Water Connections - NPT, in.	3/4	
DHW Connections – NPT, in	1/2	
Gas Connection - NPT, in.	3/4	
Dimensions H x W x D - inches (mm)	31.2 x 16.9 x 14.0 (81.3 x 430 x 356)	31.2 x 16.9 x 18.0 (81.3 x 430 x 457)
Weight (empty) – lbs (Kg)	105 (47.6)	125 (56.7)

¹ With restrictor installed. High flow rates can be achieved by changing the flow restrictor.

FEATURES

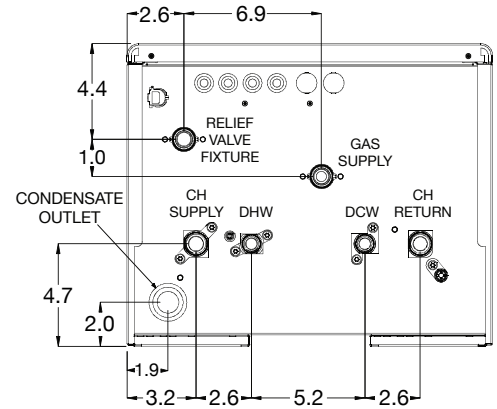
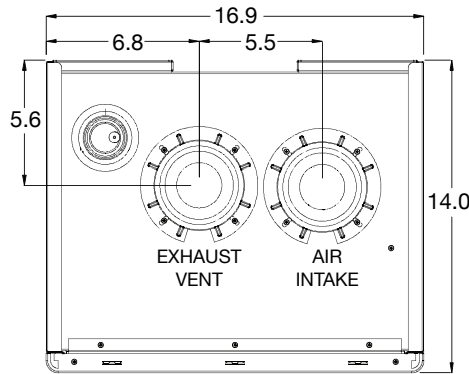
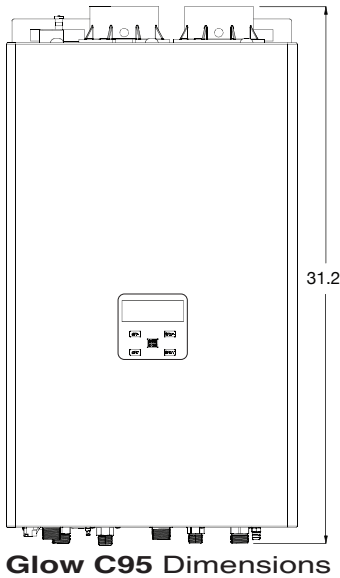
95% AFUE, ASME Stainless Steel Heat Exchanger and Burner, Fully Modulating 10:1 Turn Down Ratio, Internal Circulating Pump and Expansion Tank, Separate DHW and CH Circuits, Divertor Valve for DHW Priority, PVC Venting.

SUPPLIED ACCESSORIES

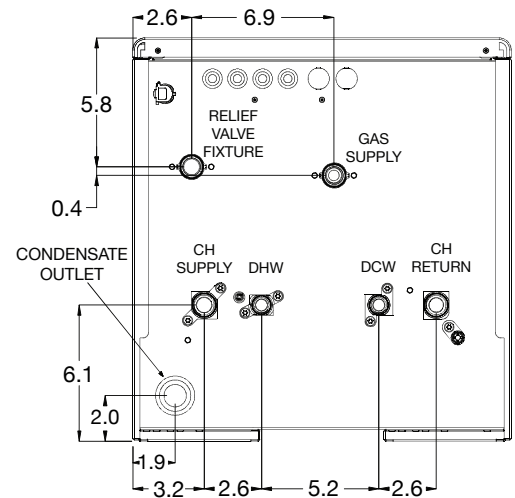
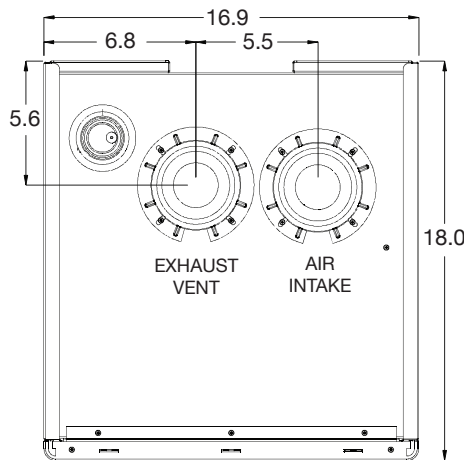
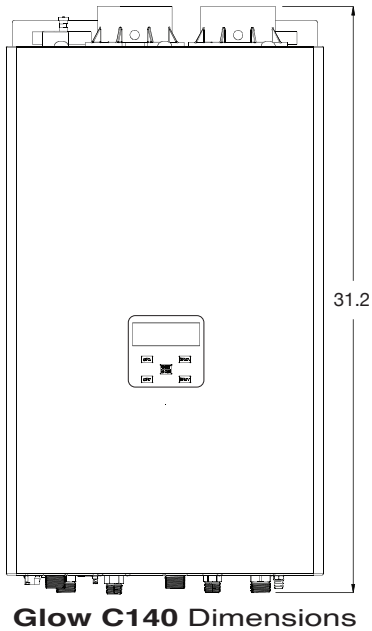
Pressure Safety Relief Valve, Pressure Gauge, Birdscreens, Condensate Connection Adapter, Pressure Relief Assembly, and Low Loss Header (included with C140 Only).

OPTIONAL ACCESSORIES

Quantity	PART No	Description
	CB-165	Low Water Cut Off Sensor and Harness Kit
	CB-166	Storage Tank Adapter Harness
	CB-168	Outdoor Temperature Sensor
	CB-173	Storage Tank Sensor
	CB-118	Low Loss Header



LEGEND	
Gas Inlet	3/4" NPT
CH Outlet	3/4" NPT
CH Inlet	3/4" NPT
DHW Inlet	1/2" NPT
DHW Outlet	1/2" NPT
Condensate Outlet	3/4" I.D.



****Low Loss Header and Secondary Loop Pump Must be Used on C140****

Notes: