



## SUBMITTAL DATA SHEET

<b>Job Name:</b>		<b>Contractor:</b>	
<b>Location:</b>		<b>Distributor:</b>	
<b>Engineer:</b>		<b>Date:</b>	
<b>Submitted To:</b>		<b>Model No:</b>	<b>C95</b> <b>C140</b>
<b>Schedule ID:</b>		<b>Unit Quantity:</b>	NG      LP      NG      LP

Specification	C95 NG	C95 LP	C140 NG	C140 LP
Domestic Input – Min MBH (KW)	9 (2.6)	10 (2.9)	14.8 (4.3)	14.8 (4.3)
Domestic Input – Max MBH (KW)	97 (28.4)	97 (28.4)	160 (46.9)	160 (46.9)
Domestic Output – Max MBH (KW)	92 (26.9)	92 (26.9)	151.8 (44.5)	151.8 (44.5)
Central Heating Input – Min MBH (KW)	9 (2.6)	10 (2.9)	14.8 (4.3)	14.8 (4.3)
Central Heating Input – Max MBH (KW)	76 (22.3)	76 (22.3)	111.2 (32.6)	111.2 (32.6)
A.F.U.E	95%	93.5%	95%	95%
Min Gas Pressure (Nat. Gas) – inch w.c.	3.5	8.0	3.5	8.0
Max Gas Pressure (Nat. Gas) – inch w.c.	10.5	13.0	10.5	13.0
Power (120Vac/60Hz) - Watts @ full fire with internal pump	180	180	225	205
Expansion tank water content – USG (Liters)	1.6 (6)		1.6 (6)	
Min boiler flow rate – Usgpm (lpm)	2.2 (8.3)		6 (22.7)	
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)	171 (77)		171 (77)	
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) <sup>1</sup> @77°F rise	2.4 (9)		4.0 (15)	
Max equivalent vent length 2" (each side) - ft	100		40	
Max equivalent vent length 3" (each side)- ft	125		125	
Vent/Air-Intake Pipe Diameter, inches (mm)	2 (51) or 3 (76)			
Vent Material <sup>2</sup>	Exhaust- PVC, CPVC		Intake- ABS, PVC, CPVC	
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)	

<sup>1</sup> With restrictor installed. High flow rates can be achieved by changing the flow restrictor.

<sup>2</sup> See manual for venting material requirement based on CH set point temperature.

### FEATURES

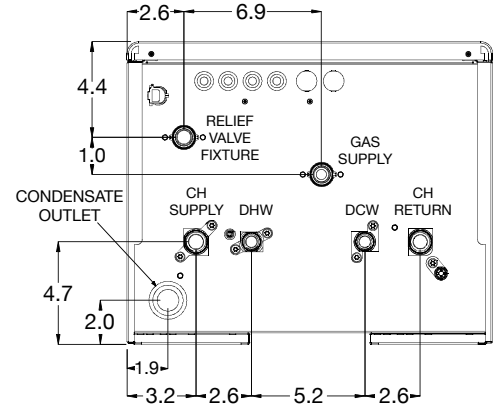
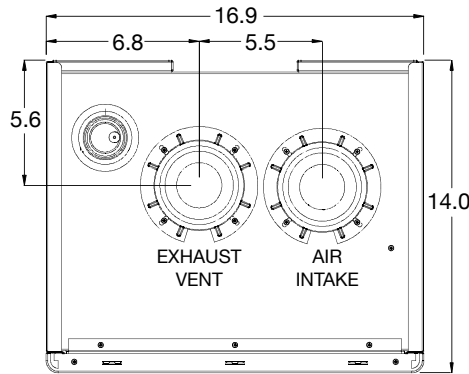
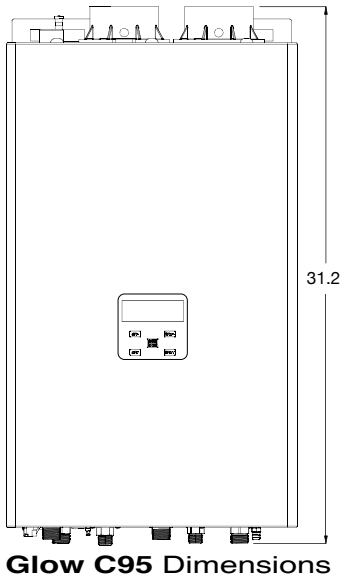
95% AFUE, ASME Stainless Steel Heat Exchanger and Burner, Fully Modulating 10:1 Turn Down Ratio, Internal Circulating Pump and Expansion Tank, Separate DHW and CH Circuits, Divertor Valve for DHW Priority, PVC Venting.

# SUPPLIED ACCESSORIES

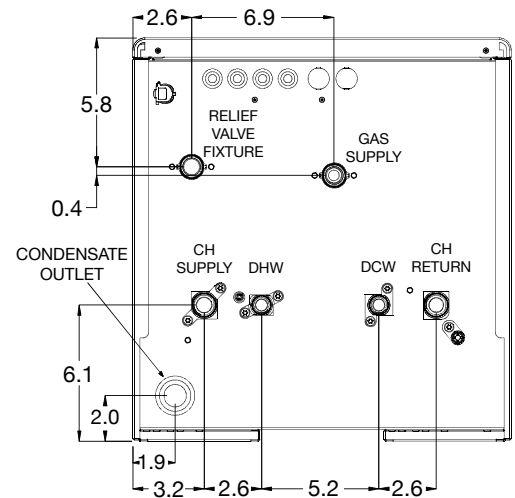
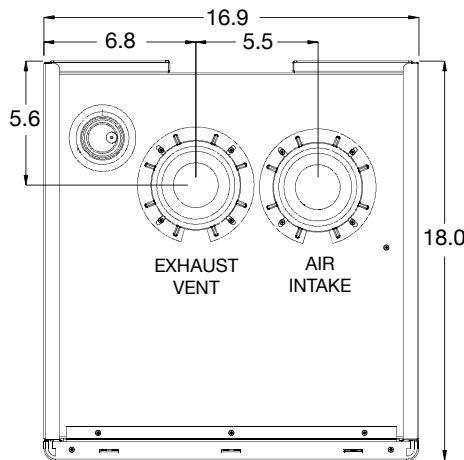
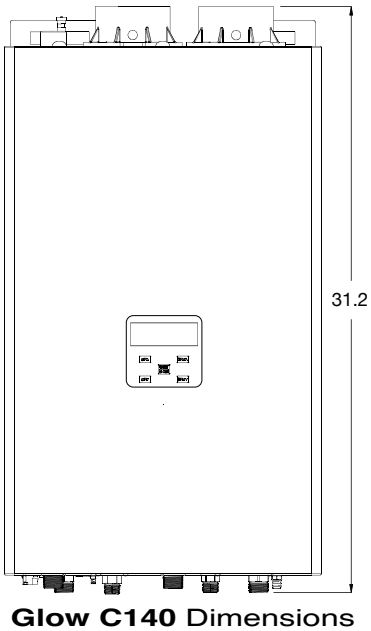
Pressure Safety Relief Valve, Pressure Gauge, Birdscreens, Condensate Connection Adapter, Pressure Relief Assembly, and Low Loss Header (included with C140 Only).

# 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: