

SUBMITTAL SHEET

JOB NAME _____

LOCATION _____

ARCH. / ENGR. _____

WHOLESALER _____

MECH. CONTRACTOR _____

MODEL NO. _____ GAS TYPE _____

BTU/HR INPUT _____ BTU/HR OUTPUT _____

NOTES _____

FEATURES:

BOILER

- Stainless steel firetube heat exchanger
- Non-metallic heat exchanger base
- Floor standing or wall-mount
- Natural or LP gas
- Negative regulated combustion
- 5 to 1 turndown ratio (110–155)
- 10 to 1 turndown ratio (220–399)
- Boiler circulator
 - Taco ECM 007e (110)
 - Taco ECM 0015e (155)
 - Taco 0014 (220/299)
 - Taco 0013 (399)
- Low water cut-off
- Supply & return system sensors
- Outdoor temperature sensor

VENTING*

- Direct vent 100 ft. for intake and 100 ft. for vent
- Dual pressure zones (sidewall air intake, roof vent)
- Common combustion air
- Direct exhaust

CONTROL FEATURES

- Color touchscreen display
- Easy setup with control wizard
- Zone and/or priority-based control
- 4 Thermostat inputs
- 0-10V input (modulation or setpoint)
- Outdoor reset for each priority
- Rate adjustable per priority
- 4 Outputs can be used with external circulators, dampers or system aux
- Aux inputs—flow switch or end switch
- Aux outputs—system pump or damper
- Individually fused 120V outputs
- Modbus connectivity
- Additional heat demand contact

JACKET ASSEMBLY

- Fully removable jacket door
- Adjustable boiler legs
- On/off power switch (220–399)
- Line voltage service receptacle (220–399)
- Mounting bracket ready for wall-mount kit
 - Shipped standard with 110–155
 - Optional kit for 220–399
- Condensate trap

OPTIONAL EQUIPMENT:

- Wall-mount kit (220–399)
- Concentric vent kit
- Condensate neutralizer kit
- Sidewall vent/air termination kit
- Maintenance kits
- Water treatment—inhibitor & test kit
- Propane conversion kit
- Prefab manifold kits
- Modbus converter to BacNet or Lonworks
- Parts kit

WARRANTY:

Transferable, Non-Prorated

RESIDENTIAL

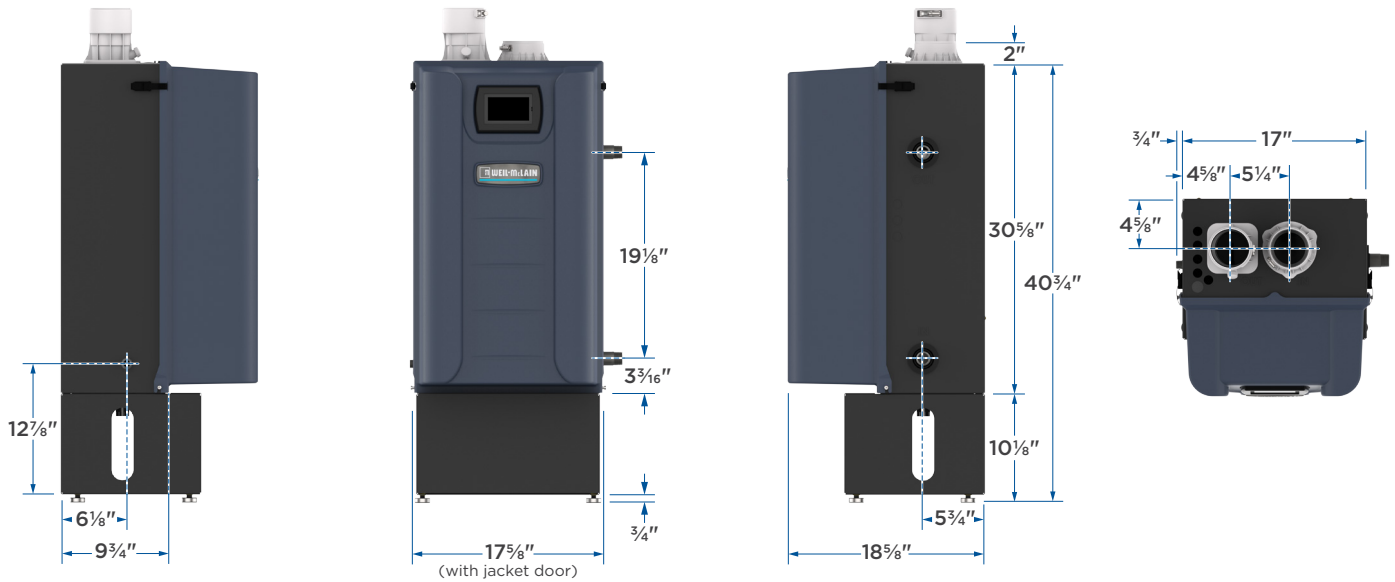
- 12-year heat exchanger limited warranty
- 2 years on parts without registration or 5 years on parts with registration

COMMERCIAL

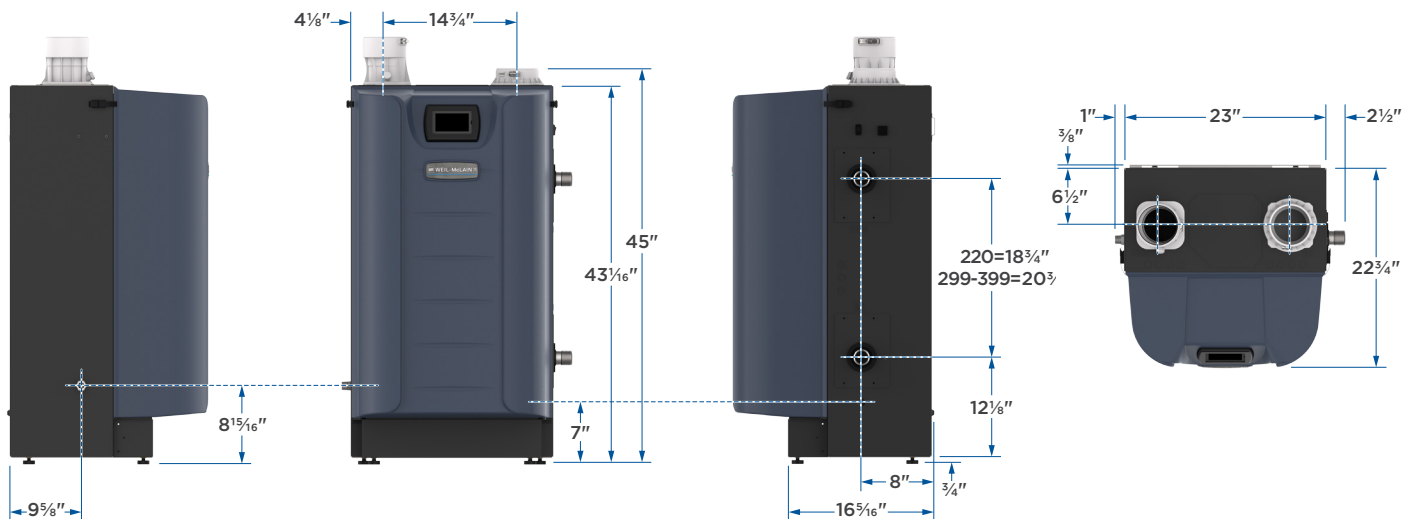
- 10 years on primary heat exchanger
- 1 year on parts

DIMENSIONS

MODEL 110–155



MODEL 220–399



SPECIFICATIONS

MODEL	EVG 110	EVG 155	EVG 220	EVG 299	EVG 399
CSA INPUT (MBH)	110	155	220	299	399
DOE HEATING CAPACITY (MBH)	101	143	206	280	383*
NET AHRI (MBH)	88	124	179	243	333
DOE AFUE	95.0%	95.1%	95.0%	95.0%	96.5%*
VENT MATERIAL	PVC, CPVC, PP, SS (AL29-4C)	PVC, CPVC, PP, SS (AL29-4C)	PVC, CPVC, PP, SS (AL29-4C)	PVC, CPVC, PP, SS (AL29-4C)	PVC, CPVC, PP, SS (AL29-4C)
VENT/COMBUSTION AIR CONNECTION DIAMETER	3"	3"	4"	4"	4"
VENT/COMBUSTION AIR PIPE SIZE	3"	3"	3" or 4"	4"	4"
VENTING LENGTH	100'	100'	100'	100'	100'
MIN. RECOMMENDED PIPE SIZE	1"	1¼"	1¼"	1½"	1½"
SUPPLY/RETURN TAPPING	1"	1¼"	1½"	1½"	1½"
GAS CONNECTION SIZE	½"	½"	¾"	¾"	¾"
APPROX. SHIPPING WEIGHT (Lbs.)	125	145	215	260	260
WATER VOLUME (Gal.)	2.5	3.2	4.6	7.0	6.7

*Evergreen Pro 399 ratings are gross output and combustion efficiency



*Model Dependent