

## SUBMITTAL SHEET

JOB NAME \_\_\_\_\_

LOCATION \_\_\_\_\_

ARCH. / ENGR. \_\_\_\_\_

WHOLESALER \_\_\_\_\_

MECH. CONTRACTOR \_\_\_\_\_

MODEL NO. \_\_\_\_\_ GAS TYPE \_\_\_\_\_

BTU/HR INPUT \_\_\_\_\_ BTU/HR OUTPUT \_\_\_\_\_

NOTES \_\_\_\_\_

### STANDARD FEATURES

#### Boiler

- Stainless steel fire-tube heat exchanger
- Non-metallic heat exchanger base
- Floor standing or wall-mount option with kit
- Natural or LP gas
- Negative regulated combustion
- 10 to 1 turndown ratio
- Boiler circulator
- Propane conversion kit
- Low water cut-off
- Sentinel X100 inhibitor and test kit
- Low NOx < 20 PPM

#### Control Features

- Easy installation with Setup Wizard
- Zone and/or priority based control
- Three thermostat inputs
- Outdoor reset for each priority
- Rate adjustable per priority
- 0-10V input (modulation or setpoint)
- Four total outputs
  - 1 dedicated boiler circulator output
  - 3 additional outputs can be used with circulators, dampers or system aux
- Aux inputs – flow switch or end switch

- Aux outputs – system pump or damper
- Modbus connectivity
- Additional heat demand contact

#### Multiple Boiler Features

- Up to 8 boilers, multiple system
- Series, Parallel or SmartSequencing™
- Lead boiler rotation
- 2 network priorities for the system
- 2 local priorities per boiler
- 24 zone inputs and outputs with 8 total cascaded boilers
- Aux inputs – flow switch or end switch
- System aux outputs – system pump or damper

#### Venting\*

- Direct vent 100 ft. for intake and 100 ft. for vent
- Dual pressure zones
- Common combustion air  
*\*Please call your Weil-McLain® technical representative for additional venting options.*

#### Jacket Assembly

- Easy maintenance with top access panel
- Fully removable jacket front door

- Adjustable boiler legs
- On/off power switch
- Line voltage service receptacle
- Mounting bracket ready for wall-mount kit
- Condensate trap

#### Boiler Circulators

- 1-1/4" & 1-1/2" flanges (220/299) Taco 0014
- 1-1/4" & 1-1/2" flanges (399) Taco 0013

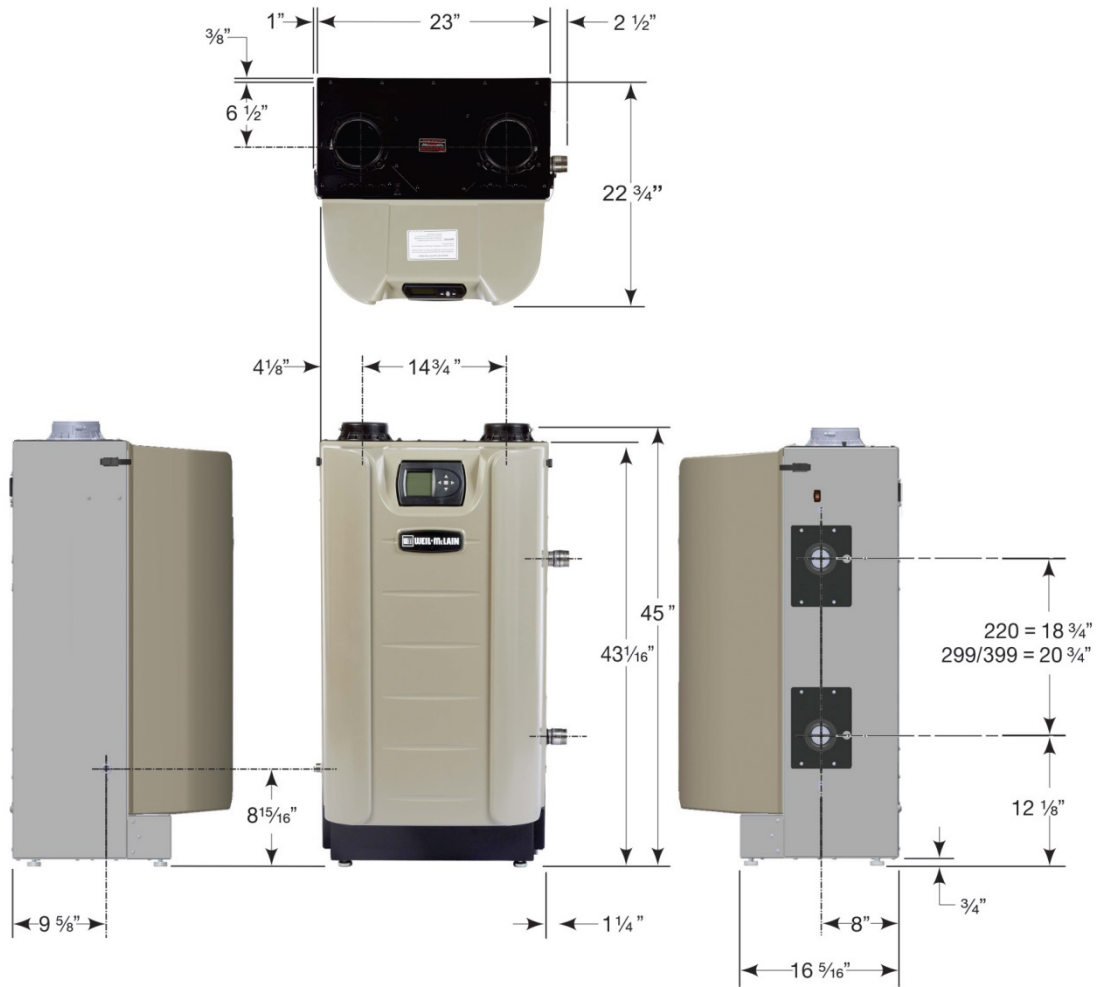
#### Optional Equipment

- Wall-mount kit
- Concentric vent kit
- Condensate neutralizer kit
- Sidewall vent/air termination kit
- Maintenance kits

#### Warranty

- Residential use:
- 12 year heat exchanger
  - 2 year parts
- Commercial use:
- 10 year heat exchanger
  - 1 year parts

### 220-399 MBH SPECIFICATIONS



MODEL	CSA INPUT (MBH)	DOE HEATING CAPACITY (MBH)	NET AHR1 (MBH)	DOE AFUE	VENT MATERIAL	VENT SIZE	COMBUSTION AIR SIZE	VENTING LENGTH	MIN. RECOMMENDED PIPE SIZE	SUPPLY/ RETURN TAPPING	GAS CONNECTION SIZE	APPROX. SHIP WEIGHT	WATER VOLUME
<b>EVG 220</b>	220	206	179	95.0%	PVC, CPVC, PP, SS (AL29-4C)	3" or 4"	3" or 4"	100'	1 1/4"	1 1/2"	3/4"	215 lbs.	4.6 Gal.
<b>EVG 299</b>	299	280	243	95.0%	PVC, CPVC, PP, SS (AL29-4C)	4"	4"	100'	1 1/2"	1 1/2"	3/4"	260 lbs.	7.0 Gal.
<b>EVG 399</b>	399	383*	333	96.5%*	PVC, CPVC, PP, SS (AL29-4C)	4"	4"	100'	1 1/2"	1 1/2"	3/4"	260 lbs.	6.7 Gal.

\*Evergreen 399 ratings are gross output and combustion efficiency