

Specifications for the VX series

Specification	VX 110	VX 150	VX 199
CSA Input (Natural Gas or Propane) - MBH	16.9-110	23-150	30.6-199
CSA Input (Natural Gas or Propane) - kW	5-32.2	6.7-44	8.8-58.3
CSA Output - MBH	16.2-101.5	22-138.5	29.2-183.7
CSA Output - kW	4.74-29.8	6.5-40.6	8.6-53.8
AFUE (to be confirmed)	95%	95%	95%
Minimum gas supply pressure (natural gas or propane) - inch w.c.	4	4	4
Maximum gas supply pressure (natural gas or propane) - inch w.c.	14	14	14
Ambient temperature:			
Low °F / °C / High °F / °C	32°F / 0°C / 122°F / 50°C	32°F / 0°C / 122°F / 50°C	32°F / 0°C / 122°F / 50°C
Max. relative humidity (non-condensing)	90%	90%	90%
Minimum water temp. °F / °C	34 / 1	34 / 1	34 / 1
Maximum water temp. (electronic hi-limit) °F / °C	190 / 88	190 / 88	190 / 88
Max. ΔT - supply/return (electronic fence) °F / °C	40 / 22.2	40 / 22.2	40 / 22.2
Max. water temperature lockout limit °F / °C	201 / 94	201 / 94	201 / 94
Power use (120Vac/60Hz) @ full fire - Watts (without pumps)	90	79	90
Weight (empty) - lbs/Kg	67 / 30.4	78 / 35.4	88 / 39.9
Pressure vessel water content - USG/Liters	1.88 / 7.12	2.79 / 10.56	3.51 / 13.29
Maximum boiler flow rate - USgpm	14	19	25
Minimum boiler flow rate - USgpm	2	3	4
Maximum operating water pressure* - psig	50	50	50
Minimum water pressure - psig	8	8	8
Relief valve pressure (supplied) - psig	30	30	30
Approved installation altitude - ASL	0 - 12,000'	0 - 12,000'	0 - 12,000'
2"	100'	50'	N/A
3"	240'	170'	100'

Maximum equivalent vent length each side (vent & air intake) (natural gas or propane) Air intake options: either direct vent or indoor supply