

**SUMMARY OF VENTING REQUIREMENTS FOR PARKER BOILERS****1. UL or ETL Listed Parker Gas Fired Boilers with Draft Hoods**

These boilers are suitable for use with a Type B gas vent and should be installed as shown on Drawing 122 RVI-1, our General and Basic Installation Instructions, the Vent Manufacturer's instructions and applicable Code Requirements.

**2. Parker Boilers with Barometric Dampers**

These boilers must be connected to suitable chimneys. A typical installation with a 10 gauge single wall metal chimney is shown on our Drawing 122 RCI-1. A UL Listed factory built chimney may be used on these boilers in place of the 10 gauge chimney. Factory built chimneys must be installed in accordance with the terms of their listing, the Manufacturer's instructions and applicable Code Requirements. **Exception:** Parker "R" Model Hot Water Boilers have been tested by an approved Nationally Recognized Test Lab and because of low stack temperature qualify for Type "B" vent even if equipped with barometric dampers.

**3. Thermal Fluid Heaters**

Whether equipped with a draft hood or barometric damper, both require a chimney.

**VENT GUIDELINES**

For detailed guidelines for vent type, design and installation refer to General Basic Installation Instructions Section VI, Vents and Local Code Requirements.

When more than one boiler vent is connected to a common stack, the area of the stack is required to be equal or greater than the area of the largest plus 1/2 of the area of the other connected vents. There are many specific requirements as defined in the Codes for combined vent situations.

**SCHEDULE OF SQUARE INCH AREA FOR VARIOUS SIZE VENTS**

<b>VENT DIAMETER</b>	<b>AREA IN SQUARE INCHES</b>	<b>VENT DIAMETER</b>	<b>AREA IN SQUARE INCHES</b>
4"	12.57	20"	314.16
5"	19.64	22"	380.13
6"	28.27	23"	415.48
7"	38.49	24"	452.39
8"	50.27	25"	490.87
9"	63.62	26"	530.93
10"	78.54	27"	572.56
12"	113.1	28"	615.75
14"	153.94	29"	660.52
16"	201.06	30"	706.86
18"	254.47	32"	804.25