



RECOMMENDED COMMON BOILER LOOP PIPE SIZING FOR MULTIPLE IBC VFC 45-225 BOILERS

NUMBER OF BOILERS	MAX. Btuh INPUT	MAXIMUM FLOW RATE	PIPE SIZE
2 x VFC 45-225	450,000	50 USgpm	2"
3 x VFC 45-225	675,000	75 USgpm	2 1/2"
4 x VFC 45-225	900,000	100 USgpm	3"
5 x VFC 45-225	1,125,000	125 USgpm	3"
6 x VFC 45-225	1,350,000	150 USgpm	4"
7 x VFC 45-225	1,575,000	175 USgpm	4"
8 x VFC 45-225	1,800,000	200 USgpm	4"
10 x VFC 45-225	2,250,000	250 USgpm	4"
12 x VFC 45-225	2,700,000	300 USgpm	6"
14 x VFC 45-225	3,150,000	350 USgpm	6"
16 x VFC 45-225	3,600,000	400 USgpm	6"
18 x VFC 45-225	4,050,000	450 USgpm	6"
20 x VFC 45-225	4,500,000	500 USgpm	6"

← COPPER PIPE SIZE (for 2" to 4")
← IRON PIPE SIZE (for 6")

CAUTION: This drawing is a simple schematic guide to a successful installation. There may be many necessary components not shown here. We require that our boilers be installed by licensed and experienced trades people who are familiar with the applicable local and national codes. System design is to be completed by an experienced hydronic designer or Engineer. It is necessary to carefully read and follow the installation instructions that come with the boiler along with the application drawing that fits your system.