

TECHNICAL BULLETIN

PRODUCT: ALL BOILERS

HEATING SYSTEM DISTRIBUTION PIPEWORK SIZING:

It is essential to correctly size the distribution pipework to ensure the efficient operation of a heating system.

We have provided adjacent information from the Domestic Heating Design Guide published in accordance with CIBSE, HHIC, HVCA, IPHE guidelines and information.

This guide should only be used on fully pumped systems.

We will point out that this Technical Bulletin should be only used as a guide and distribution pipework should always be calculated and sized correctly.

Table 1: Quick reference pipework sizing guide

Copper Pipe Diameter (mm)	Approximate Loading - Watts	
	11 Δt °C	20 Δt °C
8	1500	2700
10	2400	4300
15	6000	11000
22	13000	23000
28	22000	40000
35	34000	62000
42	55000	100000