

TECHNICAL BULLETIN

PRODUCT: GREENSTAR GAS FIRED REGULAR BOILERS

HYDRAULIC RESISTANCES FOR GREENSTAR GAS FIRED REGULAR BOILERS:

The hydraulic resistances for the heat exchangers of the Greenstar Ri and CDi Regular boilers are confirmed in this technical bulletin.

A heating engineer may need this information when sizing the pipework and pump correctly on a system.

The plotted line on the graph represents the flow rate at a specified pressure loss with a ΔT (delta T) of 20°C across the heat exchanger which is desirable when sizing pipework for a heating system.

The heating engineer should have already identified what flow rate is required for the system. This flow rate should be plotted on the bottom line of the graph with a vertical line to cross the ΔT line. Where the lines meet, plot a horizontal line across to the left hand side of the graph. This will then give you the resistance (pressure drop) across the heat exchanger in metres head.

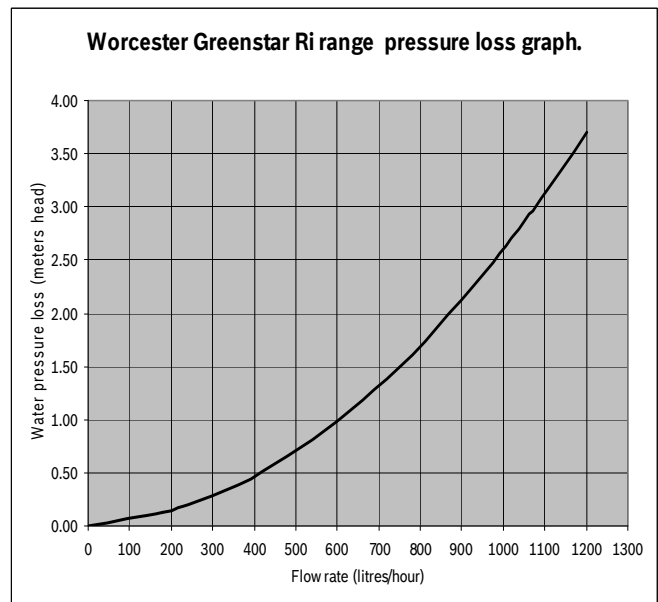


Table 1: Greenstar Ri pressure loss graph

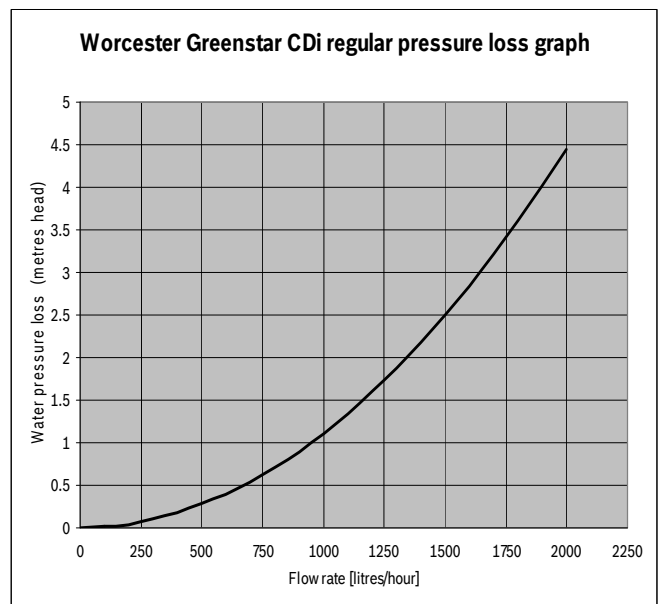


Table 2: Greenstar CDi regular pressure loss graph

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