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CORRECTION FACTORS

Delta T, or ΔT, specifically relates to the difference in temperature between the water circulating in the central heating system and that of the room or ambient temperature.

Flow in 75°C ,Flow out 65°C = Average water temperature inside radiator is 70°C.

If the room or ambient temperature is 20°C and the average water temperature inside the radiator is 70°C, the Delta T or ΔT value is calculated as 70°C - 20°C = 50°.

A Delta T correction factor allows end users and professionals to find out the actual output of a radiator or towel rail in the range of Delta T variations.

Eastbrook provides Delta T 30° & Delta T 50° outputs. You can use the listed correction factors below to find the actual output at Delta T 60° and other Delta T's listed below:

ΔT	Correction Factors
25°	0.404
30°	0.513
35°	0.627
40°	0.747
45°	0.871
50°	1
60°	1.268
65°	1.406
70°	1.548

Example: Assuming a radiator or towel rail has a heat output of 750 Watts at ΔT (delta T) = 50°. At ΔT (Delta T) = 60°, the output would be 750 x 1.268 (from the table above) equating to 951 Watts.