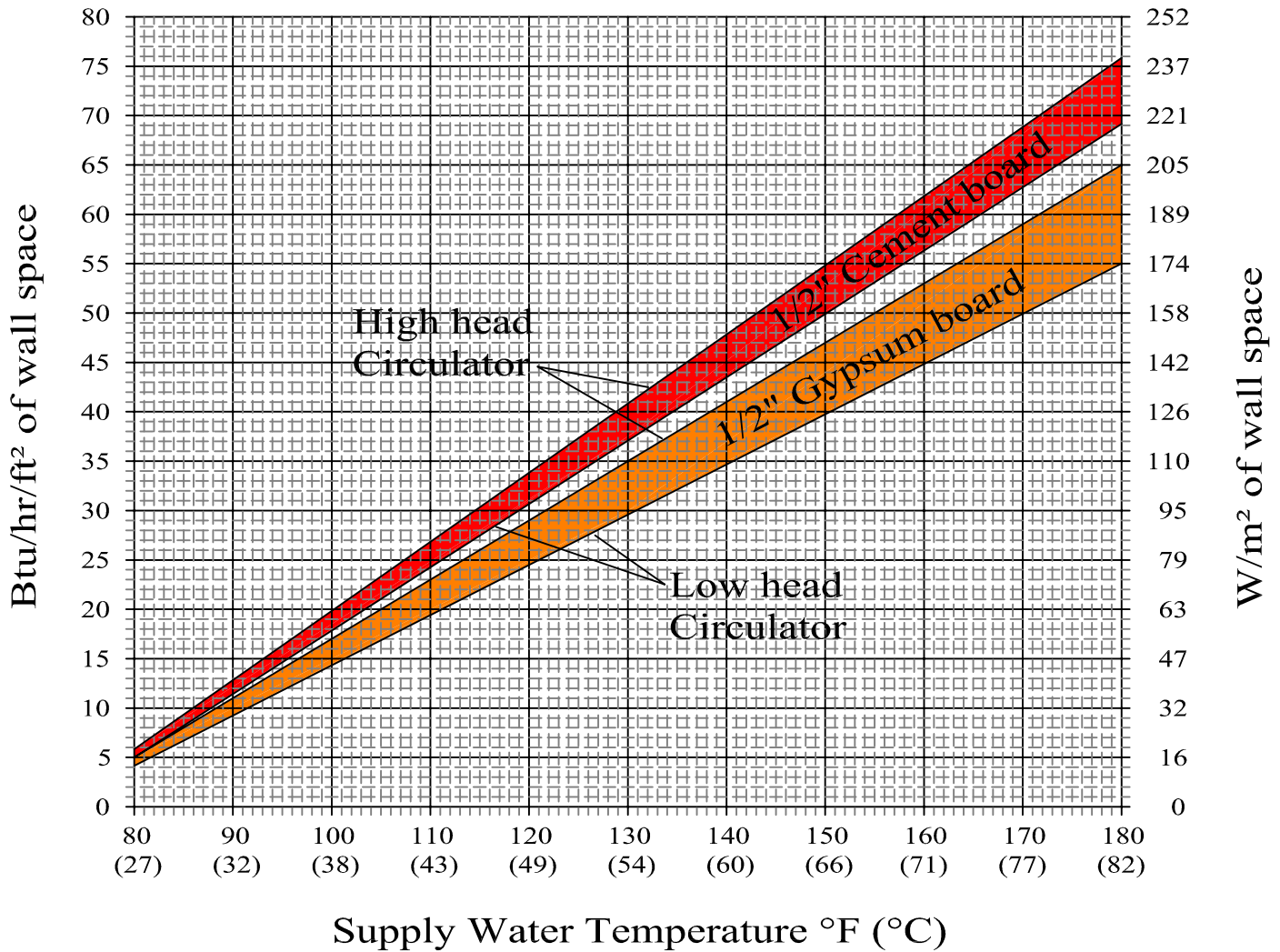


BTU-Output Chart for Hydronics Radiant Wall Panels



BTU-Output Test Parameters:

Room temperature : 68 F
 Insulation in Wall : R-value 19
 Number of Panels : (8) panels piped in series- Single Circuit- 5/16" PEX Tubing 250 feet long
 Panel Wall Coverage : 85.33 sq ft (8 sq meter)
 Circulators used : Grundfos Mod. UPS 15-58 (low head) and UPS 26-99 (high head)
 Flow Rates : low head speed(3) 0.380 GPM, high head speed(3) 0.520 GPM
 Hydronics Wall Heating
 Panel Dimensions : 1/2" X 32" X 48" OSB (for tubing insertion) 10.66 ft² or 1.0 m² wall coverage
 Finish Wall Boards used : 0.250" and 0.420" Hardibacker cement board, R-values 0.13 and 0.19
 0.500" Gypsum Board, R-value 0.45
 The addition of plaster, paint, wall paper or tiles to the above wall boards is negligible and will not reduce the BTU-output of the wall heating panels.