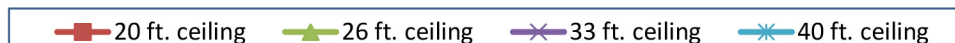
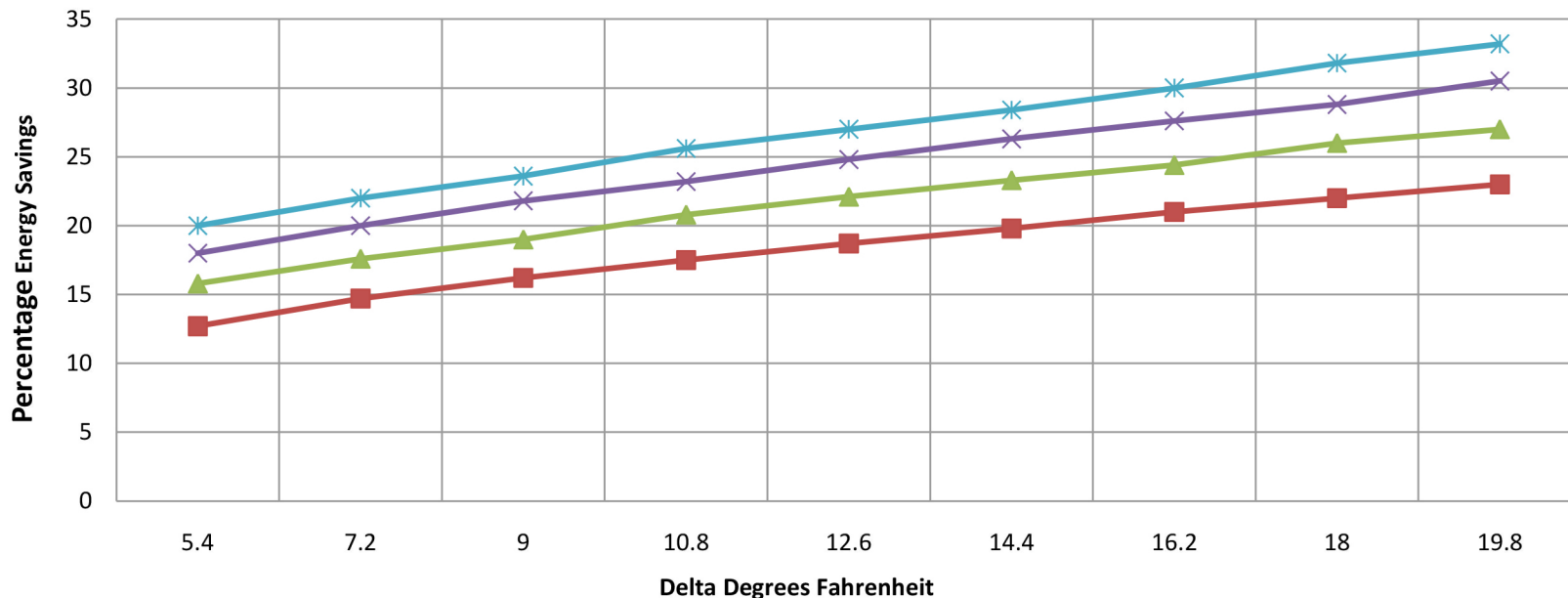


## Projected Annual Energy Savings From Destratification



Delta T (in °F)	5.4	7.2	9	10.8	12.6	14.4	16.2	18	19.8	
20 ft. ceiling	12.7	14.7	16.2	17.5	18.7	19.8	21	22	23	
26 ft. ceiling	15.8	17.6	19	20.8	22.1	23.3	24.4	26	27	Percentage of
33 ft. ceiling	18	20	21.8	23.2	24.8	26.3	27.6	28.8	30.5	Energy Savings
40 ft. ceiling	20	22	23.6	25.6	27	28.4	30	31.8	33.2	

For example, in a building with a 33' ceiling and a floor-to-ceiling temperature differential of 14.4°F, the potential annual energy savings from destratification would be 26.3%.

Source: Building Scientific Research Information Association, UK, 1997. Computational Fluid Dynamics for a 100' x 165' x 26' building with a 100kW gas heater at 3,600 cfm. Insulation and lighting remain constant.