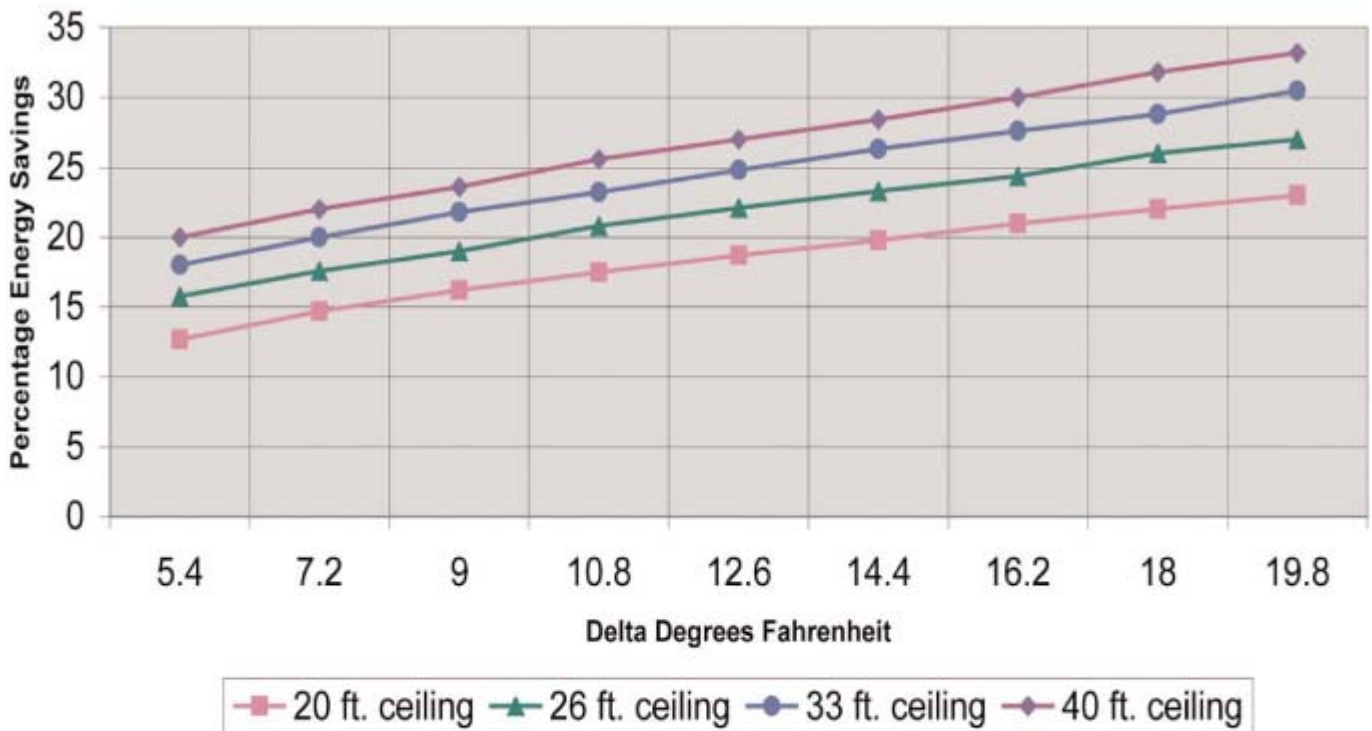




Projected Annual Energy Savings From Destratification



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	Percentage of Energy Savings
26 ft. ceiling	15.8	17.6	19	20.8	22.1	23.3	24.4	26	27	
33 ft. ceiling	18	20	21.8	23.2	24.8	26.3	27.6	28.8	30.5	
40 ft. ceiling	20	22	23.6	25.6	27	28.4	30	31.8	33.2	

EXAMPLE:

If you have a 33ft. ceiling with a floor to ceiling temperature differential of 14.4 °F, potential energy savings from destratification are 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 3,600cfm. Insulation and lighting remained constant.

888-AIR-PEAR | 811 S. Sherman Street | email: airius@avedon.com | Office: 303-772-2633 |
 888-247-7327 | Longmont, CO 80501 | www.TheAirPear.com | Fax: 303-772-8276

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