

Chiller Installation Common Mistake

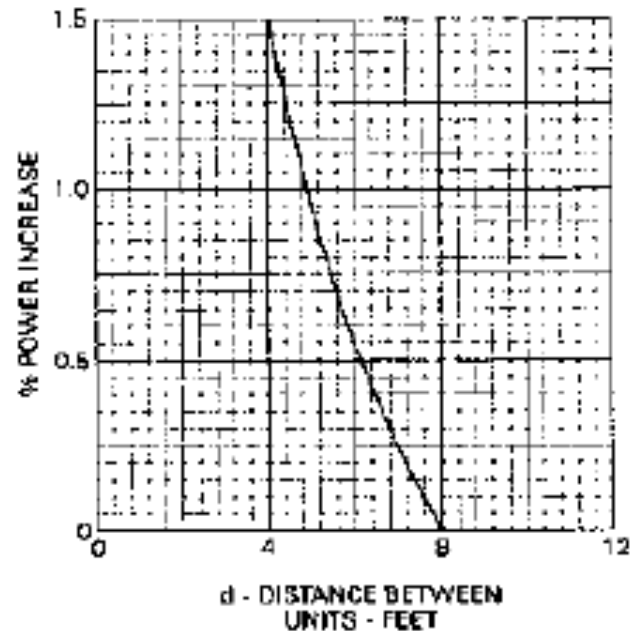
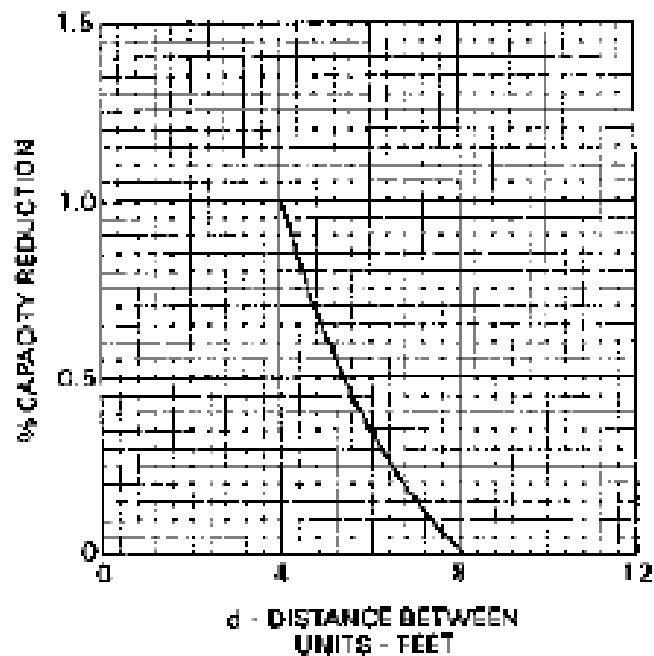


Chiller Installation – Close Spacing



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- Two or more chillers located side by side less than manufacturer's recommendation



Chiller Installation – Close Spacing

- Chiller located next to building wall / sound barrier

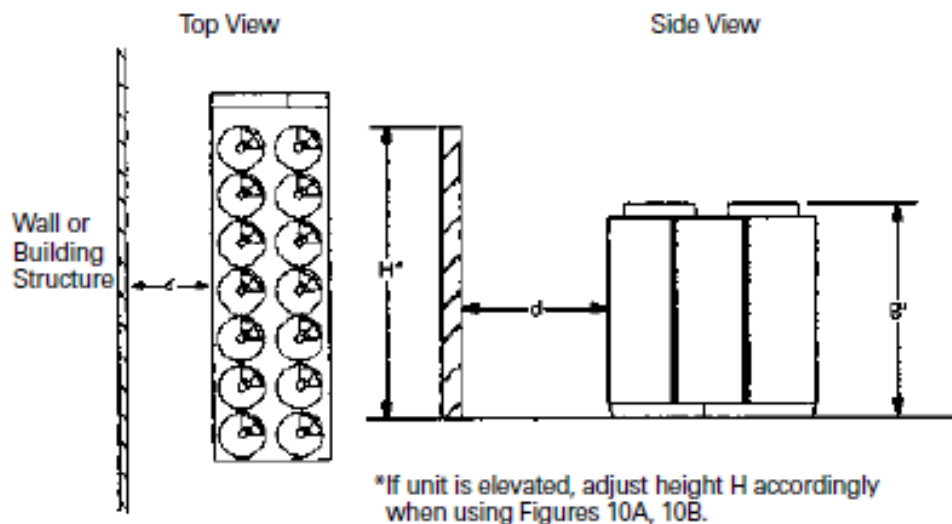
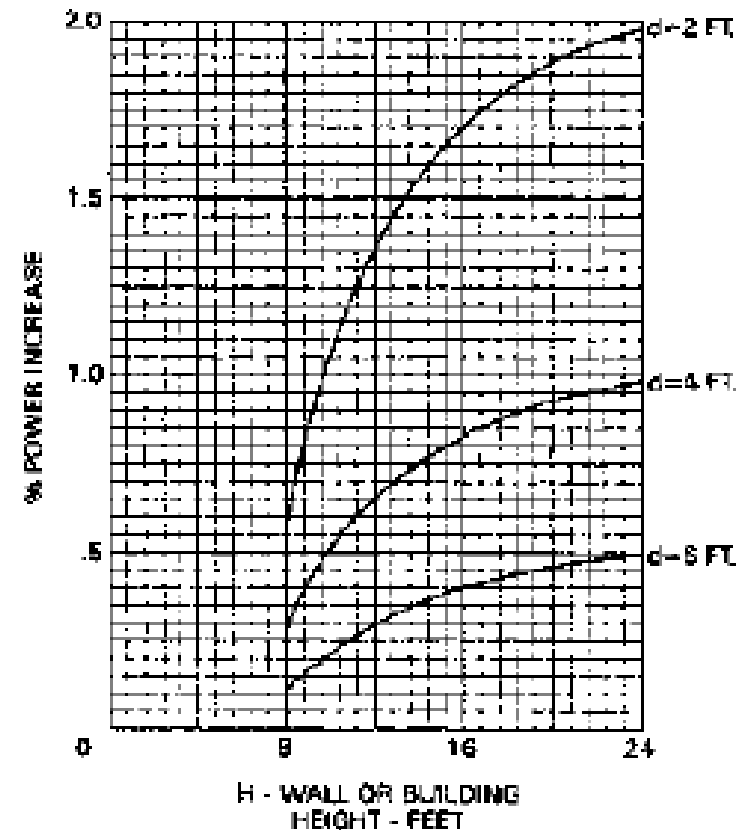


Figure 10B — Power Increase @ Full Load



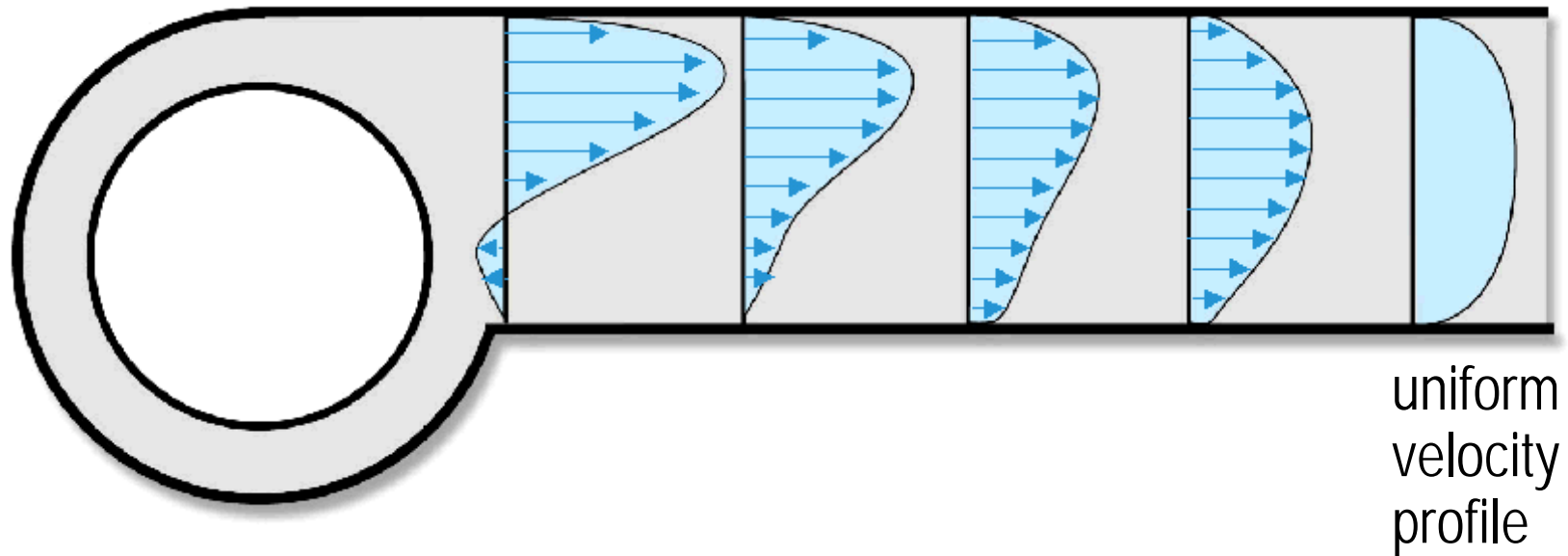
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- Check with manufacturer for spacing requirement
- If plant room size is limited, check with manufacturer for recommendation

Air Handling Unit Installation Common Mistake

- Most common complaint for AHU operation is
 - Fan airflow less than design
 - Unit noisier than expected
- Cause :
 - Total system static pressure calculation error
 - Increased in static pressure due to wet coil and dirty filter
 - System effect due to an elbow or branch located too close to fan discharge

Air Handling Unit Installation Common Mistake



Air Handling Unit Installation Common Mistake

CLCP-2 - Supply Fan Mod [2]-1
AF 500C

