



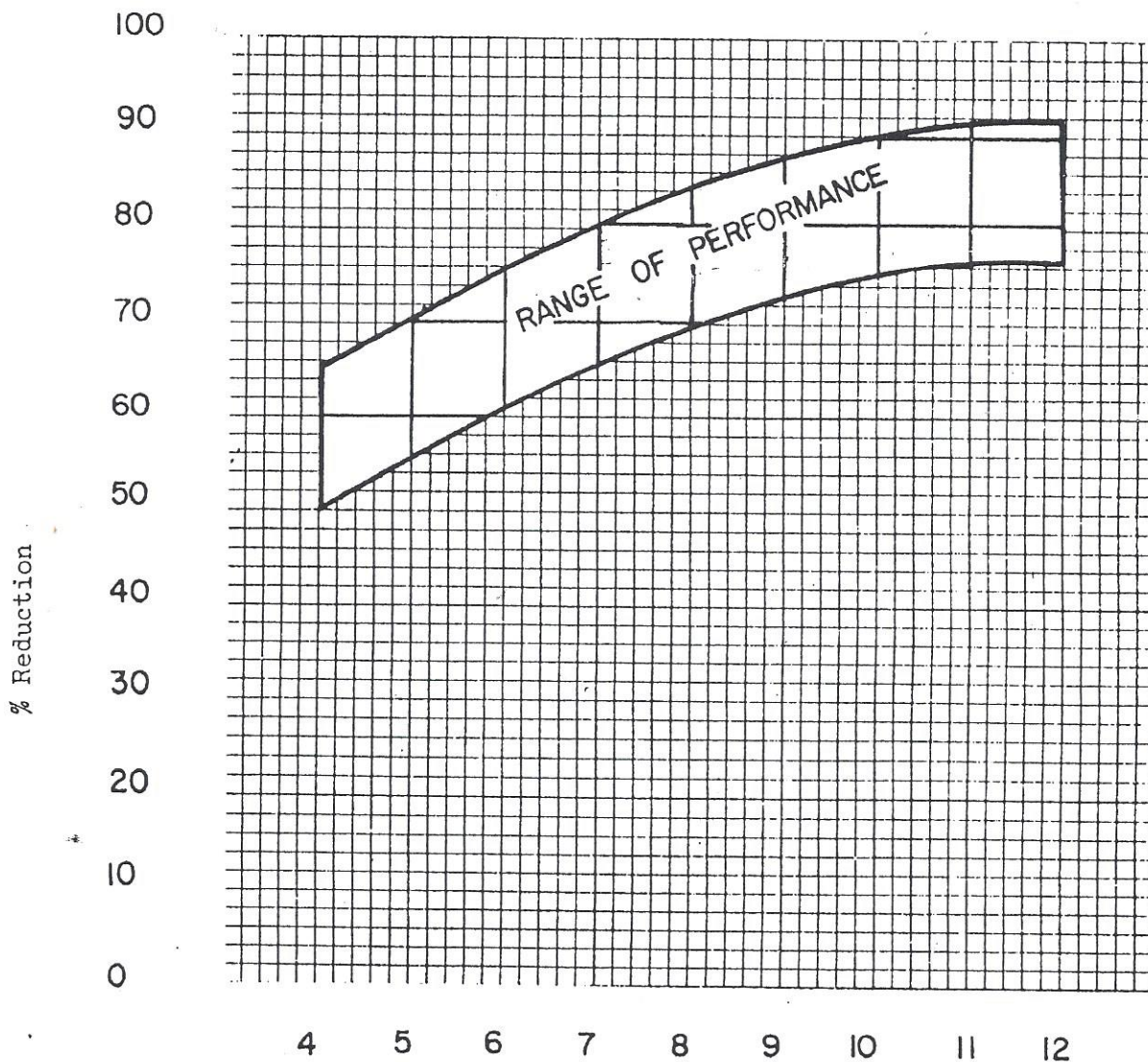
# DIVERSIFIED AIR SYSTEMS

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## UNDUCTED SYSTEMS

### EXPECTED PARTICULATE LEVEL REDUCTIONS AT VARIOUS AIR CHANGES PER HOUR



Air Changes Per Hour Within Volume Under Consideration

TO CALCULATE NUMBER OF UNITS REQUIRED AT SPECIFIC AIR CHANGE RATE:

$$\text{Number Of Units} = \frac{\text{Volume X Number of Air Changes}}{\text{Unit CFM Rating X 60}}$$

TO CALCULATE AIR CHANGE RATE OBTAINED WITH SPECIFIC NUMBER OF UNITS:

$$\text{Air Change Rate} = \frac{\text{Number Of Units X Unit CFM Rating X 60}}{\text{Volume}}$$