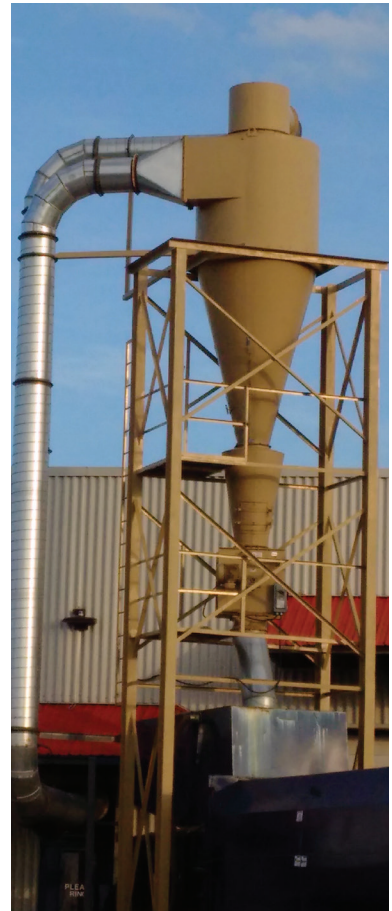


CYCLONES

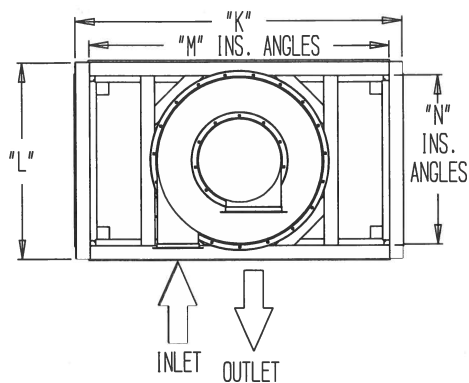
The cyclone dust collector provides a simple and economical solution to most medium to coarse dust collection applications. The centrifugal action along with gravitational forces push dust particles through the bottom into storage and clean air through the top. The construction design of N.R. Murphy's cyclone dust collectors is very rugged, featuring a heavy gauge wiped galvanized all welded construction. Generally shipped preassembled at the factory to allow for quick on-site installation.

Cyclones can be used as stand alone air material separators or in conjunction with a dust collector. They can also be used as primary separators to provide classification or sizing of material. Available in a wide range of sizes, and can be fabricated from a variety of materials to meet any application's need.



Check EA-1 exhaust fan performance charts for required C.F.M. and resistance in N.R. Murphy Ltd.'s exhaust fan catalogue.
NOTE: The C.F.M. mentioned in charts are a guide only. Please check with factory. Normal pressure drop allowance across units is 3" SP. N.R. Murphy Ltd. reserves the right to make changes to the information presented, product changes, and correct typographical errors without notice.

CYCLONES



NOTES:

- A: STANDARD BODY SHOWN.
SPIRAL TOP BODY CAN ALSO BE QUOTED
AND BUILT
- B: SUPPORT FRAME OPTIONAL
DESIGNED TO CUSTOMER REQUIREMENTS
- C: TRANSITION CONNECTIONS OPTIONAL
FOR INLETS AND OUTLETS
- D: HOPPER DISCHARGE QUOTED TO
CUSTOMER REQUIREMENTS

