



**EUROPEAN GATE
VALVES LIMITED**

quality gate valve manufacturer

range of applications

- Bridging
- Arching
- Ratholing
- Plugging
- Sidewall Buildup
- Filter Bag Blinding
- Powder Flow Problems

reliability
maximum
life

Solved with Acoustic Horns

range of applications

- Baghouses
- Cyclones
- Spray Dryers
- Electrostatic Precipitators
- Fans
- Hoppers
- Silos
- Rail Cars
- Economizers
- Road Tankers
- Boilers



**Acoustic
Fluidising of Powders**



The sound leader in sonic cleaning technology

Acoustic horns can:-

- eliminate the use of hammers and vibrators
- reduce powder buildup and agglomeration
- maintain powder in a fluidised state
- reduce pressure drop across filter bags
- substantially increase filter bag life
- reduce scorched product in spray driers

MODEL MC-10-USDA

Acoustic Rating: 125 Hz @ 141 dB
 Air Supply: 70 psi @ 70 scfm
 Air Connection: 3/4" NPT
 Max. Temp.: 650 Degrees F
 Material: Stainless Steel, #4 Finish
 Wt.: 50 lbs.
 U.S. Patent No. 5,025,887

MODEL MC-12

Acoustic Rating: 125 Hz @ 146 dB
 Air Supply: 70 psi @ 80 scfm
 Air Connection: 3/4" NPT
 Max. Temp.: 650 Degrees F
 Material: Carbon or Stainless Steel
 Wt.: 118 lbs.

MODEL MC-16

Acoustic Rating: 160 Hz @ 143 dB
 Air Supply: 70 psi @ 80 scfm
 Air Connection: 3/4" NPT
 Max. Temp.: 650 Degrees F
 Material: Carbon or Stainless Steel
 Wt.: 90 lbs.

MODEL MC-25

Acoustic Rating: 125 Hz @ 140 dB
 Air Supply: 70 psi @ 70 scfm
 Air Connection: 3/4" NPT
 Max. Temp.: 650 Degrees F
 Material: Carbon or Stainless Steel
 Wt.: 48 lbs.



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