



**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.



EUROPEAN GATE VALVES LIMITED

ASH STREET, BRADLEY, BILSTON,
 WOLVERHAMPTON, ENGLAND. WV14 8UN
 Tel: 01902 409590 Fax: 01902 409736
 e-mail: sales@egatevalves.co.uk
 web: www.egatevalves.co.uk