

Resonating Horns

Models 55 and 56



DESIGNED FOR HIGH AMBIENT NOISE AREAS

- Resonated column of air generates sound
- Model 55 produces 105dBa @ 10' (115dBa @ 1m)
- Model 56 produces 106dBa @ 10' (116dBa @ 1m)
- Indoor/outdoor use
- Models 55 and 56 are FM Approved
- Model 55 (120VAC) is UL Listed and CSA Certified

The Federal Signal Models 55 and 56 are electric horns that produce sound by means of a diaphragm, which resonates a column of air. Because the output is greater than that of a vibrating horn resonating horns can be used wherever a louder, more powerful signal is required.

Both models feature corrosion-resistant cast aluminum housings with a brass projector. These projectors are designed to match the frequency of the vibrating diaphragm to produce a smooth musical tone. The housings are tapped for 1/2" conduit (swivel bracket included).

Models 55 and 56 are finished in gray enamel and equipped with a straight projector. These weatherproof horns are water and dust-tight when installed with conduit.

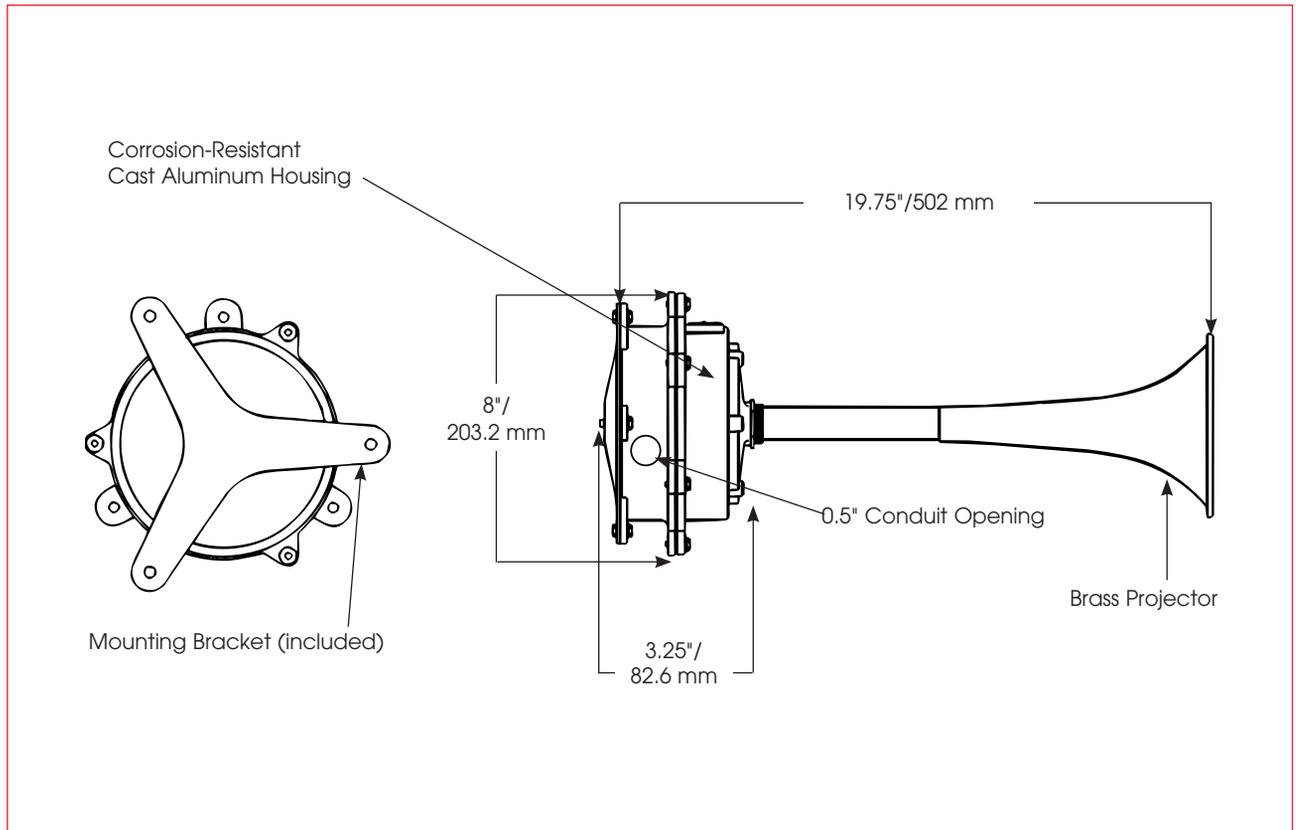
Model 55 is also UL Listed for indoor/outdoor use. Both models are FM Approved. Models 55 and 56 have a duty cycle of five minutes on, five minutes off.

Models 55 and 56 are ideal for both indoor and outdoor use. They require minimum maintenance; their rugged designs seal out corrosive dust and vapors. Both models have sufficient output to penetrate through high ambient noise levels.

| Model | Voltage | Operating Current | Decibels @ | |
|----------|-------------|-------------------|------------|-----|
| | | | 10' | 1m |
| 55-024-1 | 24VAC 60Hz | 3.00 amps | 105 | 115 |
| 55-120-1 | 120VAC 60Hz | 0.75 amps | 105 | 115 |
| 56-024-1 | 24VDC | 3.00 amps | 106 | 116 |
| 56-125-1 | 125VDC | 0.25 amps | 106 | 116 |
| 56-250-1 | 250VDC | 0.25 amps | 106 | 116 |



RESONATING HORNS (55/56)



SPECIFICATIONS

| | | |
|------------------------|----------------------------|---------------|
| Operating Temperature: | -35°F to 150°F | -37°C to 66°C |
| Net Weight: | 5.0 lbs. | 2.3 kg |
| Shipping Weight: | 6.2 lbs. | 2.8 kg |
| Height: | 8.0" | 203.2 mm |
| Width: | 8.0" | 203.0 mm |
| Length: | 19.75" | 502.0 mm |
| Duty Cycle: | 5 minutes ON/5 minutes OFF | |

HOW TO ORDER

- Specify model and voltage
- Please refer to Model Number Index 55/56 beginning on page 374

REPLACEMENT PARTS

| <u>Description</u> | <u>Part Number</u> |
|--------------------------------|--------------------|
| Projector | K8283C071-0G |
| Mounting Bracket Accessory Kit | K8233A046-0G |
| Mounting Kit, Bulk Head | K8233A036 |
| Coil, 120VAC | KFC456 |