# Mini Cooler™

## Cool small parts and tools with clean, cold air!

## Prevent burning, melting or breakage!

### What Is The Mini Cooler?

A proven way to reduce downtime and increase productivity on a variety of operations involving small parts where heat is a problem. EXAIR's Mini Cooler produces a stream of 20°F (-7°C) cold air to prevent heat build-up. **The Mini Cooler is particularly effective on high speed operations to prevent burning, melting and heat related breakage.** Operation is quiet (76 dBA) and there are no moving parts to wear out.

Built to Last 5 yr. WARRANTY

See page 2 for complete details.

### Applications

- Small tool cooling
- Needle cooling
- Blade cooling
- Lens grinding

### Advantages

- Low cost
- Increases production rates
- Improves tolerances
- Quiet, compact



**The Model 3808 Mini Cooler System prevents premature tool wear on a slotting operation.**

| Mini Cooler | |
|---|---|
| **Model #** | **Description** |
| **3808** | Mini Cooler System includes the Mini Cooler, swivel magnetic base, mini single point hose kit and manual drain filter |

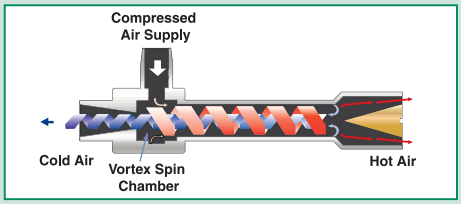


### Mini Cooler Specifications

| Air Consumption | | Temperature Out | | Sound @ 3' (914mm) | |
|---|---|---|---|---|---|
| **SCFM** | **SLPM** | **°F** | **°C** | **dBA** | **INLET** |
| 8 | 227 | 20 | -7 | 76 | 1/4 NPT |

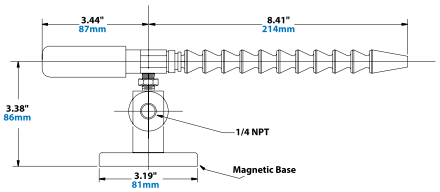
**Supply air at 100 PSIG (6.9 BAR) & 70°F (21°C)**

### How The Mini Cooler Works




**The Mini Cooler incorporates a vortex tube to convert a small amount of compressed air into two low pressure streams, one moving within the other in opposite directions (see page 139). The two airstreams exchange heat, producing cold air from one end of the tube and hot air from the other. A flexible hose directs the cold airstream at the surface to be cooled.**

### Dimensions




| Accessories | |
|---|---|
| **Model #** | **Description** |
| **5904** | Mini Cooler Single Point Hose Kit (Included with 3808) |
| **5905** | Mini Cooler Dual Point Hose Kit |




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