

NCP-10™ Noise Baffle



- ◆ High efficiency achieved by a 2 stage acoustic system
- ◆ Easy to position wheeled design
- ◆ Cabinets with handles for easy maintenance
- ◆ 100% open airflow design preventing flow constriction
- ◆ Easy inspection of air filters through side viewing holes
- ◆ Compatible fit and color, sized for aisle clearance

Noise Control for all ASR-9 Radar Sites

The ASC NCP -10, has been developed for use with the Northrup Grumman ASR-9 radar system. If you need noise suppression for your site, this product is for you. The NCP-10 meets all specs in terms of free air flow, sound attenuation, compatible appearance and ease of handling. Since 1991, 75% of all ASR-9 equipped airports have installed the NCP-10 unit with great results. Each baffle is engineered to fit within the physical constraints for clearance and safety yet provide excellent noise reduction. This unit will yield a 10-15 dB sound reduction while maintaining a 100% open air passage through the unit. Each of the 10 parts of the NCP-10 package are identical and interchangeable. There are four types of traps, each so different from the other that there can be no confusion as to which goes where.



NCP-10 Components

The NCP-10 package consists of 10 units:

- NCP-10-A 2 Transmitter air inlet roll around cabinets
- NCP-10-B 2 Receiver air inlet roll around cabinets
- NCP-10-C 2 Transmitter air exhaust baffle boxes
- NCP-10-D 4 Receiver air exhaust baffle boxes

There are 4 large roll around baffles that weigh about 190 lbs each and handle the noisiest inlet air. On top of the Northrup Grumman radar cabinets there are 6 smaller units to quiet the less noisy airports. All units have a continuous 100% open area and are intended to be easily and quickly removed or replaced. They are beige in color, similar to the color of the Northrup Grumman radar cabinet. A design goal was to facilitate accurate damage-free, fit or no-fit positioning of the sound traps by any personnel who may be unfamiliar with them. The target sound level reduction with all sound traps in position was to achieve 70-71 dB,A in the open area of the transmitter site. This is a full 10 dB,A reduction from the untreated 82 dB,A sound levels. The current improved version of NCP-10 achieves and surpasses this goal by incorporating Acoustic Sciences Corporation's patented bass traps in the inlet baffles. This enables the absorption of lower frequencies thus increasing the efficiency of the Noise Baffle.



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