

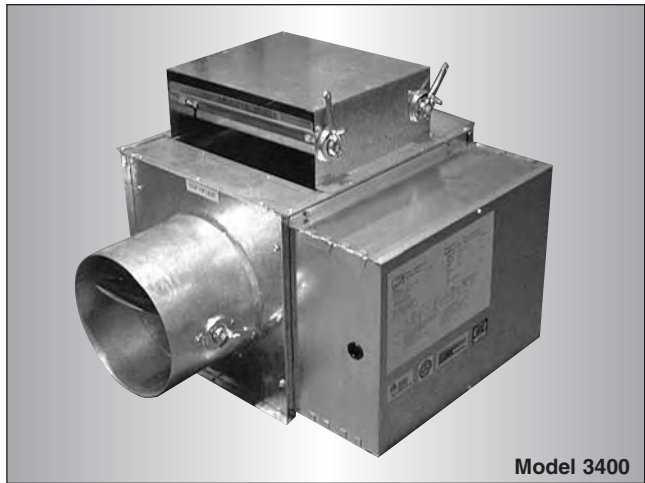
Bypass Terminal Units 3400 Series

Designed to provide variable air volume supply when used with constant volume fan low pressure packaged air handling systems or roof-top air conditioning units. Excess air is diverted through a bypass opening and into the system return.

- Unique low torque "flow diverter" valve.
- Simple, inexpensive VAV control.
- Pressure dependent operation.
- Pneumatic or analog electronic control.
- Options include hot water and electric coils for reheat.

Models 3400, 34RW, 34RE

See Page F3



Model 3400

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ARI CERTIFICATION

Nailor is a participating company in the Air Conditioning and Refrigeration Institute's 880 certification program for variable air volume terminal units. Nailor has completed and received ARI certification for our complete line of Single Duct, Dual Duct, Fan Powered and Bypass Terminal Units presented in this catalog.

To comply with ARI Standard 880, manufacturers must rate their products at "standard rating conditions" as specified by the standard. This permits direct comparison between manufacturers. In addition to standard ratings, Nailor also publishes application ratings. These application ratings are based upon tests conducted in accordance with the standard but at other conditions as well in order to provide the design engineer with a wider range of data from which to make his selection.

Participation in the ARI program provides assurance that manufacturers' equipment will meet the claimed performance ratings. Compliance with ARI 880 by participants in the certification program is assured by regular testing of random samples by an independent laboratory.



ARI Standard 880

A Participating
Corporation
in the ARI 880
Certification program.

GENERAL PRODUCT OVERVIEW

INDEPENDENT LABORATORY CERTIFICATION

Although ARI Certification, as explained above, provides some assurance of product performance, the program only verifies a single "standard rating condition" (certification rating point) for each terminal size. This is for valid logistical reasons. However, the correlation of the ARI rating points with the comprehensive application data is sometimes difficult to reconcile in some manufacturers catalogs.

In order to provide assurance and complete credibility to the engineering community, Nailor has taken the unprecedented step of conducting 100% of its sound power level testing at an independent laboratory – Energistics Laboratory. Compare that to the competition!

