



TIERNEY

Electrical Manufacturing Co.

Tierney "Quietran" Transformers

What "Quietrans" Are:

"Quietrans" are a high-quality line of dry-type transformers with consistently-low inherent sound levels. Before shipment from the factory, each transformer in the "Quietran" line is individually tested using ANSI Standard test procedures, and is guaranteed to have a maximum inherent sound level of 35dB. This ANSI guaranteed maximum figure ranges from 12% to 36% BELOW the current ANSI Standard sound levels.

Where to Use "Quietrans":

In hospitals, schools, quiet offices, or in any other low-ambient sound-level locations where the inherent "hum" of transformers would be annoying to personnel.

General Information about "Quietrans":

Below are tabulated various 600 V. class dry-type transformer sound levels for convenient comparison:

Transformer Rating	ANSI C89 Standard	Present Industry Standard	Tierney "Quietran"
0-9 KVA	40 dB	40 dB	35 dB
10-50 KVA	45 dB	45 dB	35 dB
51-150 KVA	50 dB	50 dB	35 dB
151-300 KVA	55 dB	55 dB	35 dB



What "Quietrans" Can Do For You:

Because of their extremely-low sound-level performance, "Quietrans" enable you to place dry-type transformers nearer to the center of load, reducing voltage drop, and virtually eliminate the need for "hiding" noisy transformers in janitor's closets, storage rooms, etc.

How to Specify Tierney "Quietrans":

Dry-Type transformers rated 300KVA and below shall be Tierney Electrical Mfg. Co. "Quietran" series, with a guaranteed maximum sound-level of 35 dB. Certified copies of factory sound-level test reports covering each transformer intended for use on this project shall be provided to the Architect or Engineer.

Add Suffix "QT" to catalog number for "Quietran" feature.