

Fan Balancing Training System Plus



Model: 202-PAC

DAC Worldwide's Fan Balancing Training System Plus (202-PAC) is a hands-on industrial training system that allows learners to gain experience with fan balancing to achieve maximum fan efficiency and stability. This vital skill is important because if bearings, shafts, and/or support structures are designed incorrectly they can cause premature equipment wear, costly downtime, and even component failure.

Understanding how to properly balance an industrial blower system will make it less noisy, reduce bearing wear, eliminate downtime, and prevent equipment failure.

Teach Realistic, Hands-On Balancing Skills Using Fan Balancing Training System

This industrial blower balancing training system features a heavy-duty aluminum model with movable pillow block assemblies that's designed to look and perform like a typical squirrel cage fan that can be assembled in a variety of configurations. These can feature even or odd number blade configurations and multiple weight locations, creating a broad range of balancing scenarios.

FEATURES & SPECIFICATIONS

- Aluminum baseplate/bearing pedestal assembly (18-in. x 27-in.)
- 1/4 HP, totally enclosed, continuous-duty, fan-cooled, split-phase motor with thermal protection and associated control switch
- Aluminum fan/rotor assembly, 12-in. D x 10-in. L
- Provision for 5 or 10-blade fan configuration (removable blades)
- Provision for attachment of trial weights on rotors or blades
- Three aluminum bearing mounting block assemblies with 1/4-in. - 28 holes throughout, allowing for attachment of vibration pick-ups in axial and radial positions
- Acrylic, stylized fan housing/guard with access door allowing for convenient attachment of weights
- Sheaves, belts, and shafting

- Belt and sheave guard
- High-durability, powder-coated surfaces throughout

PRODUCT DIMENSIONS 27-in. L x 18-in. W x 17-in. H (680 x 450 x 430 mm)

75lbs. (34kg)

UTILITIES

100-240V/50-60Hz/1ph

ADDITIONAL REQUIREMENTS

- Allen wrench set
- Combination wrenches
- Weight/washer set
- Phase target
- Reproducible balancing diagram
- Balancing clip selection (5 each of 8 sizes)

INCLUDES Includes #202 Fan Balancing Training System, #202-001 Balancing Kit, and #202-006 Replacement Short Blade Set with Shaft.

Address

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