



PERRY EQUIPMENT CORPORATION
AN ISO 9001 COMPANY

SERIES 100 AIR INTAKE FILTERS

INSTALLATION INSTRUCTIONS

The PECO Series 100 Air Intake Filter is complete as shipped and includes the initial charge of elements. Air filter outlet flanges are drilled to match standard ANSI 150 lb. flanges, and no adaptors or special connections are needed, provided the filter has been ordered with the proper size connections. Filters are provided with legs in the smaller sizes and with skirts in the larger sizes. Provisions should be made for anchor bolts as necessary. Smaller filters, Models 100V-1 through 100V-7, can normally be supported by the intake air piping, providing the piping is anchored sufficiently to support the weight of the filter, and pulsation is not excessive. See PECO Bulletin number 13 for weight of units. Filters should have a minimum of 38" of unobstructed clearance below the case for removal of elements.

After the filter has been installed, make sure that the nuts supporting filter elements are properly tightened, as they may have become loose in shipment. If legs or skirts are used, make sure that anchor bolts are tight. The unit is now ready for operation.

OPERATING INSTRUCTIONS

A check of initial pressure drop should be made. PECO Series 100 Air Filters are normally designed to have an initial pressure drop with clean elements of 2" of water or less. Continual checks of pressure drop should be made, and elements should be replaced when pressure drop reaches the maximum recommended by the engine manufacturer.

CHANGING ELEMENTS

PECO Air Filter elements are of cartridge-type construction and complete replacement is easily accomplished by removing the attachment nut on each element, replacing old elements with new ones, and tightening the element attachment nuts. Care should be taken that all elements are installed correctly and that all gaskets have been seated. Model and number of elements required are listed on the Air Filter nameplate.

IF ANY DIFFICULTIES ARE EXPERIENCED WITH THE PECO INTAKE AIR FILTER,
CONSULT YOUR LOCAL REPRESENTATIVE OR THE FACTORY.

ENGINEERED FILTRATION TECHNOLOGIES