

| = Vertical bar in left or right margin indicates change or addition.



BK4000/BK4024/BK4220 Series

Blower Kit

Installation/Operation

Manual C436M-B (12/94)

1.0 WARNINGS

Prior to installation and use of this product, the following WARNINGS should be observed.

1. Installation and servicing should only be done by Qualified Service Personnel and conform to all Local codes.
2. Unless the unit is specifically marked as a NEMA Type 3-6P enclosure, it is designed for Indoor use only and it must not be installed where exposed to rain and moisture.
4. Only use replacement parts recommended by PELCO.

2.0 SCOPE

The information contained within this manual covers the installation and operation of the BK4000/BK4024/BK4220 Blower Kits. Please familiarize yourself with the information in this manual prior to installation and operation.

2.1 DESCRIPTION

The BK4000/BK4024/BK4220 Blower Kits are engineered for installation in the EH4014 and EH4018 Enclosures. The BK4000 requires 120 VAC, the BK4024 requires 24 VAC, and the BK4220 requires 230 VAC.

All units can be used in conjunction with the corresponding Heater Kit.

BK4000 requires 4 watts at 120 VAC, 60 Hz.
BK4024 requires 3 watts at 24 VAC, 60 Hz. (CE)
BK4220 requires 4.8 watts at 230 VAC, 60Hz. (CE)

NOTE: Once installed, the blower kit will reduce the maximum camera/lens length specified by 1-3/4 inches.

3.0 INSTALLATION

The BK4000/BK4024/BK4220 Blower Kits are supplied with the following installation parts:

QTY	ITEM
1	Blower
1	Blower Bracket

To install the BK4000/BK4024/BK4220 perform the following steps (refer to Figure 1):

1. Remove the Phillips Head screws from the rear cap and slide the assembly out from the enclosure.
2. Attach the blower assembly to the rear plate using two of the self-tapping screws, holding the end cap to the sled.
3. Wire according to the wiring diagram in Figure 2.

NOTE: When used with a heater kit (and PCB), the blower can be wired into the terminal block on the PC Board (see Figure 2). With the blower kit only, the PCB is not necessary.

3.1 PARTS LIST (Figure 1.)

Item	Qty	Description	Part Number
1	1	Bracket, fan/pc board	BK40004000COMP
2	1	Bracket component, 24VAC, 230VAC	BK7044002COMP
	1	PCB assy, term/thermott, (used with heater kit)	PCB9000300ASSY
3	1	Fan, 2.36-inch Sq., 120/230 VAC	MM750010003
	1	Fan, 2.36-inch Sq., 24VDC	ED210005
4	1	Resistor 3k ohm, 10w (230 VAC blowerkit only)	RES003.0K10.0
	1	Diode Bridge Rect, 1A400PRV (24 VAC only)	DIOMDA104
5	1	Insulator, PC board (heater kit only)	BK400010000
A	4	Washer, nylon	ZH200X437X62N
B	4	Screw, 6-32 x 3/8 pan phil SS	ZH6-32X.375SPP
C	2	Screw, 6-32 x 1.5 pan phil SS	ZH6-32X1.50SPP
D	2	Nut, hex, 6-32	ZH6-323NUTSH
E	2	Screw, 6-32 x 1/4 self tapping phil	ZH6-SFX.250SPP
F	8	Internal tooth lockwasher, #6	ZH6LWSIS

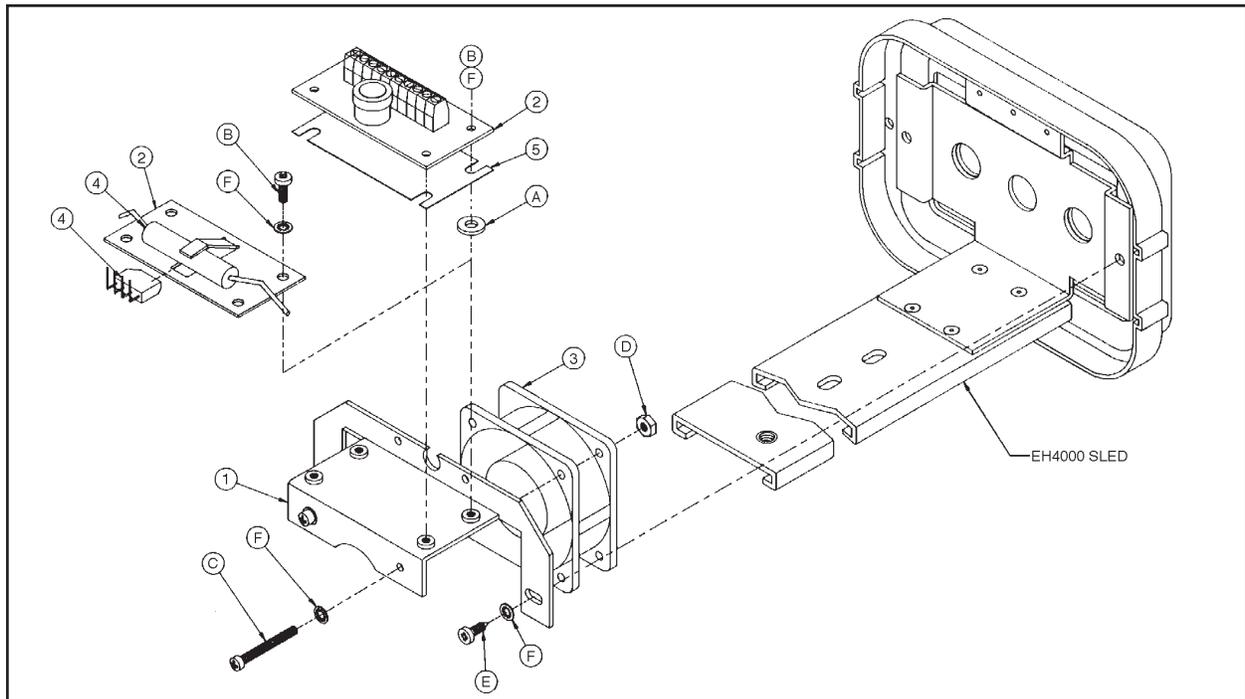


Figure 1. Blower Kit Installation

4.0 WIRING DIAGRAMS

The following items are supplied in the blower kits. Refer to Figure 2 for wiring information with the use of the heater kit PCB board, and without.

Quantity	Item	PELCO Part No.	Blower Kit
1	Fan, 120 VAC, 19 CFM	MM750010003	120 & 230 VAC models
1	Fan, 24 VDC, 19 CFM	ED210005	24 VAC model
1	Resistor for fan, 3K ohm	RES003.0K10.0	230 VAC model
1	Bridge Rectifier Diode	DIOMDA104	24 VAC model
1	Capacitor	CAPU0050.0/25	24 VAC model
1	Component Bracket	BK7044002COMP	24 & 230 VAC models

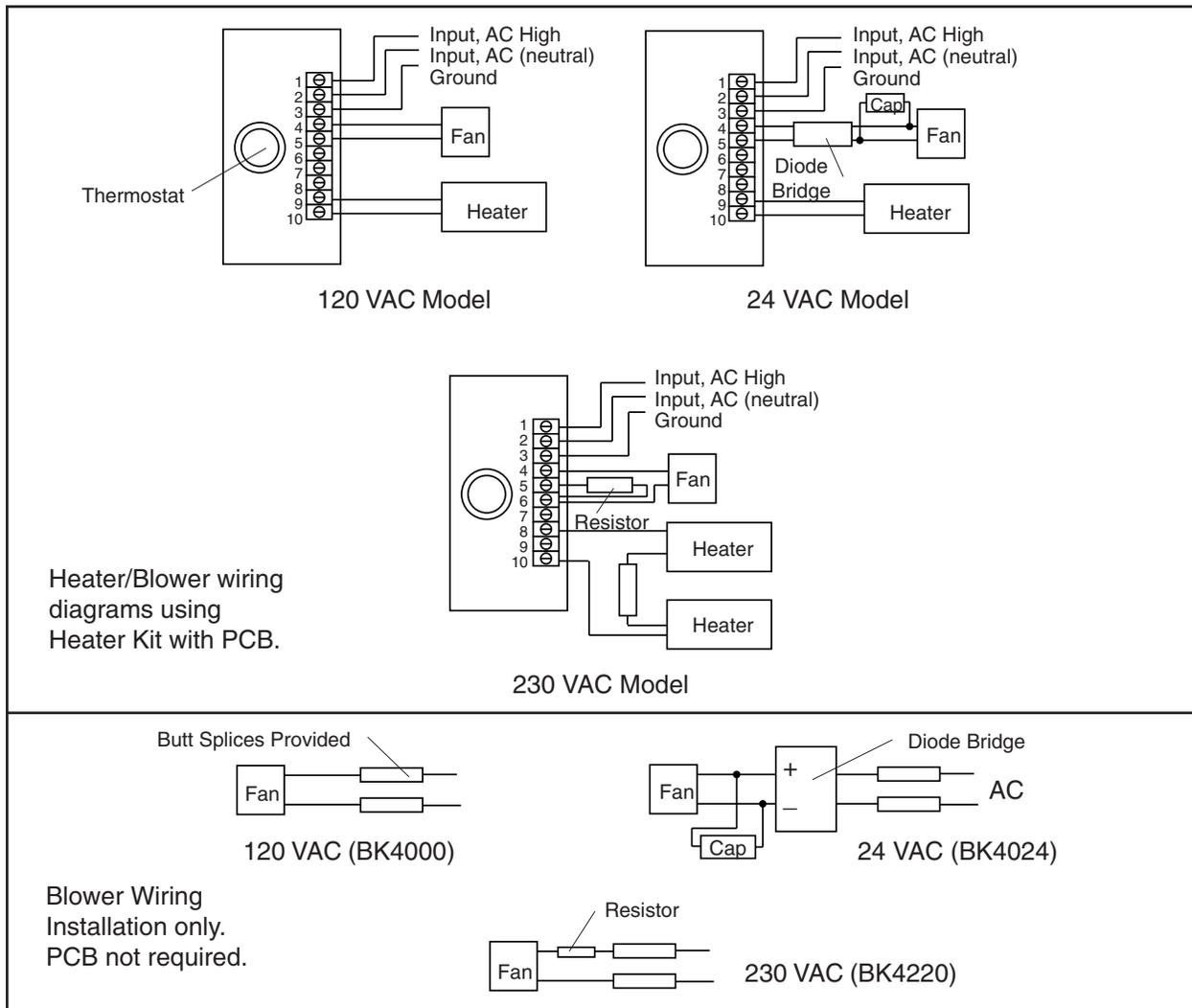


Figure 2. Blower Kit Wiring Diagram

5.0 WARRANTY AND RETURN INFORMATION

WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship for a period of one year after the date of shipment.

Exceptions to this warranty are as noted below:

- Five years on FT/FR8000 Series fiber optic products.
- Three years on Genex® Series products (multiplexers, server, and keyboard).
- Three years on Camclosure® and fixed camera models, except the CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X camera models, which have a five-year warranty.
- Two years on standard motorized or fixed focal length lenses.
- Two years on Legacy®, CM6700/CM6800/CM9700 Series matrix, and DF5/DF8 Series fixed dome products.
- Two years on Spectra®, Esprit®, ExSite™, and PS20 scanners, including when used in continuous motion applications.
- Two years on Esprit® and WW5700 Series window wiper (excluding wiper blades).
- Eighteen months on DX Series digital video recorders, NVR300 Series network video recorders, and Endura™ Series distributed network-based video products.
- One year (except video heads) on video cassette recorders (VCRs). Video heads will be covered for a period of six months.
- Six months on all pan and tilts, scanners or preset lenses used in continuous motion applications (that is, preset scan, tour and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to Pelco, Clovis, California. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental or consequential damages (including loss of use, loss of profit and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:

1. Model and serial number
2. Date of shipment, P.O. number, Sales Order number, or Pelco invoice number
3. Details of the defect or problem If there is a dispute regarding the warranty of a product which does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.

Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.



This equipment contains electrical or electronic components that must be recycled properly to comply with Directive 2002/96/EC of the European Union regarding the disposal of waste electrical and electronic equipment (WEEE). Contact your local dealer for procedures for recycling this equipment.

RETURNS

In order to expedite parts returned to the factory for repair or credit, please call the factory at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair).

All merchandise returned for credit may be subject to a 20% restocking and refurbishing charge.

Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid. Ship to the appropriate address below.

If you are located within the continental U.S., Alaska, Hawaii or Puerto Rico, send goods to:

Service Department
Pelco
3500 Pelco Way
Clovis, CA 93612-5699

If you are located outside the continental U.S., Alaska, Hawaii or Puerto Rico and are instructed to return goods to the USA, you may do one of the following:

If the goods are to be sent by a COURIER SERVICE, send the goods to:

Pelco
3500 Pelco Way
Clovis, CA 93612-5699 USA

If the goods are to be sent by a FREIGHT FORWARDER, send the goods to:

Pelco c/o Expeditors
473 Eccles Avenue
South San Francisco, CA 94080 USA
Phone: 650-737-1700
Fax: 650-737-0933