

INSTRUCTIONS INSTALLATION OF PEDESTAL FOR UNIT SIZES 41& 42

This instruction sheet is for the installation of a pedestal unit available for the AF-6 series drives in unit sizes 41 and 42. This is a 200mm high pedestal that allows these frames to be floor mounted. The front of the pedestal has openings for input air to the power components.

The drive gland plate must be installed to provide adequate cooling air to the control components of the drive via the drive door fan and to maintain the IP21/NEMA1 or IP54/NEMA12 degrees of enclosure protection.

Table 1. Applicable Drives and Unit sizes

AF-6 Drive	Frame
AF-600 FP	41, 42
AF-650 GP	41, 42

Table 2. Kit Part Numbers

AF-6 Frame	Kit Part Number
41 and 42	OPC4XPED

Kit Contents

- Pedestal parts
 - Primary pedestal frame
 - Vented front cover
 - Two side covers
 - Two front brackets
 - Hardware for assembly
- Instruction manual

Required Tools

- Socket wrench with 07mm to 17mm sockets
- T30 Torx Driver

Torque Requirements

M6 — 35 in-lbs (4.0 N-M)

M8 — 85 in-lbs (9.8 N-M)

M10 — 170 in-lbs(19.6 N-M)

The kit contains the primary pedestal frame, a vented front cover, 2- side covers, two front brackets and the required hardware for assembly.



Photo 1. Pedestal Parts

Shown in Photo 2 is a partially assembled pedestal. Before installing the drive on to the pedestal, the pedestal must be anchored to the floor using the four pedestal mounting holes. The holes can accommodate up to M12 bolts (not included in kit)

CAUTION: The drives are top heavy and may fall over if the pedestal is not anchored to the floor.

The entire assembly may also be supported by using the drive top mounting holes to anchor to a wall structure.

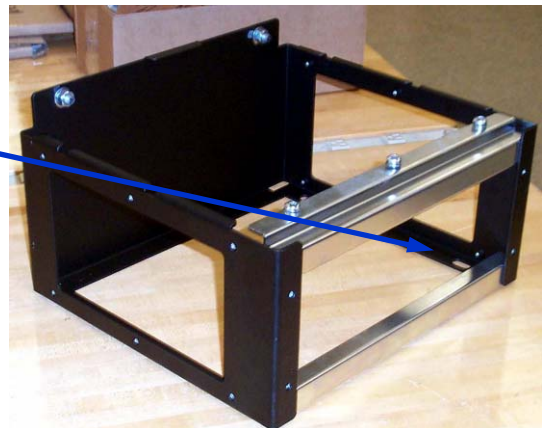


Photo 2. Partially assembled pedestal

The completely assembled pedestal with vented front cover and two side covers installed is shown in Photo 3. Multiple drives may be mounted side-by-side. The interior side plates are left off when installing drives side-by-side.

Note: The front and side cover mounting screws are recessed M6 Torx socket flat head screws.



Photo 3. Completely assembled pedestal

Install drive by lowering it on to the pedestal. The drive must initially overhang the front of the pedestal to clear the retaining bracket on the rear of the pedestal. After the drive is on the pedestal, slide the drive to the rear until the slot in the drive engages the retaining bracket on the pedestal.

