



1326AB Air-Over Blower Option

(Cat. No. 1326AB-MOD-G3, G4)

Instructions

Objectives

The purpose of this publication is to provide the steps needed to properly install the Air-Over Blower option (1326A-MOD-G3, G4) on 1326AB AC Servomotors.

Description

The Air-Over Blower option provides air-over cooling for up to 30% more torque output on 1326AB “C” series AC servomotors. Two blower kits are available:

- n The “G3” kit is designed for all “C” series motors except those with rear mounted encoders.
- n The “G4” kit is available for all “C” series motors including those with rear mounted feedback devices (encoders, dual resolvers, etc.).

Each kit consists of an impedance protected fan (UL recognized, CSA approved), housing, grill guard and necessary hardware.

The following table illustrates the operational improvements realized when the kits are installed on typical motors.

Table A
Performance Improvements with the Blower Kit

Motor Catalog Number	Motor without Blower		Motor with Blower	
	RMS Cont. Torque ¹ <i>lb.-in. (N-m)</i>	Continuous Amperes <i>A</i>	RMS Cont. Torque ¹ <i>lb.-in. (N-m)</i>	Continuous Amperes ² <i>A</i>
1326AB-C2E	210 (23.7)	33.2	285 (32.2)	45.0
1326AB-C4B	420 (47.5)	38.2	505 (57.1)	45.0
1326AB-C2C	210 (23.7)	23.3	285 (32.2)	31.6

¹ at 40° C ambient.

² Amplifier available current may limit actual torque improvement. Continuous output cannot exceed 45A.

The following specifications apply to either kit.

Specifications

Input Voltage	220/240V AC, 50/60 Hz., single-phase
Line Amperes	0.15 / 0.14
Locked Rotor Amperes	0.23 / 0.23
Fan Output	240 CFM
Air Inlet Clearance	6 inches (152.4 mm)
Weight	4 lbs. (1.81 kg)

Important: The 1326AB-MOD-G3 and G4 option kits must not be used in environments requiring IP65 protection.

Installation

The following steps provide the information needed to properly install the Air-Over Blower option. Refer to Figure 1 for further information.



ATTENTION: To avoid a shock hazard, assure that all power to the controller has been removed before performing the following.

1326AB-MOD-G3

1. Assure that all power to the controller/motor has been removed.
2. Orient the blower housing as shown in Figure 1.
3. Secure the housing to the motor using the supplied standoffs and screws.
4. Connect 240V AC power to the leads of the blower.
5. Check operation.

1326AB-MOD-G4

1. Assure that all power to the controller/motor has been removed.
2. Grasp the blower housing and spread it slightly, while sliding it over the shaft end of the motor.
3. Continue sliding the housing on until it meets the front flange of the motor. When completely installed, the housing will surround the motor.
4. Align one of the five metal standoffs between the two holes on either side of the housing. Repeat for the remaining standoffs.
5. Connect 240V AC power to the leads of the blower.
6. Check operation.

Figure 1
Blower Kit Dimensions

