

# MM22KX - Dual 16" 225 watt Fan Assembly Instructions



**FOLLOW INSTRUCTIONS CAREFULLY TO PREVENT PERSONAL INJURY AND/OR DAMAGE TO THE FAN UNIT!**

## WIRING DIRECTIONS:

NOTE: On MFA100 & MFA111 harnesses, the hot wires going to the fans must NOT be color matched! Blue on the MFA100 & 111 harnesses must connect to the Black wire harness on the fans. And Black on the MFA100 & MFA111 must connect to the Blue wire on the fan harness to ensure proper operation. Failure to do this will result in the fans turning the wrong direction and reduced airflow.

## REVERSING DIRECTIONS:

The fans contained in this assembly are assembled in a pusher configuration from the factory. While these fans can be reversed to be puller fans, we do not recommend using this assembly as puller fans on the front side of the radiator due to the large amount of ram air that is blocked by the shroud. Fans mounted in front of the radiator should only be used as a last resort when there are no other options for mounting. See Fig 1.

SPECIFICATIONS	
MOTOR	225 watt HEAVY DUTY
AIR FLOW @ 0" STATIC	4,320 CFM
SIZE	33.5" w x 17" h
DEPTH	3.9" with Ruber Seal
AMP DRAW	17.7 @ 13.5V

## BLADE REVERSING INSTRUCTIONS

MM22KX FANS SHIP IN PUSHER CONFIGURATION

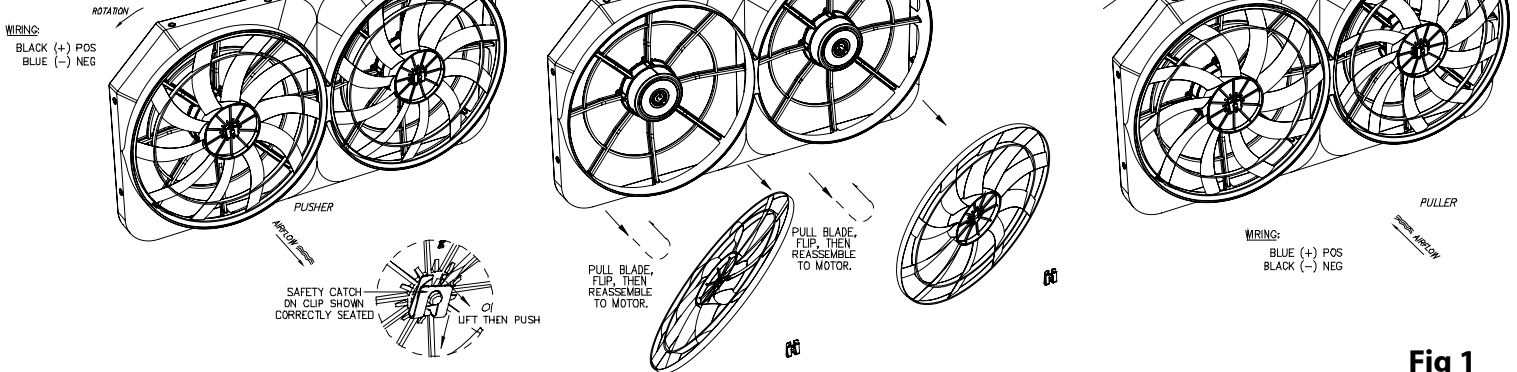
### STEP 1:

DISCONNECT POWER TO THE FAN. PLACE THE TIP OF A FLAT BLADE SCREWDRIVER BETWEEN THE OPEN END OF CLIP, LIFT SAFETY CATCH OVER SHAFT END AND CAREFULLY PUSH CLIP OFF THE MOTOR SHAFT.

WITH ANOTHER PERSON, CAREFULLY PULL THE BLADE OFF THE MOTOR SHAFT. WE RECOMMEND ONE PERSON HOLD THE SHROUD AND ONE PERSON PULL THE BLADE. CAUTION - EDGES OF BLADE ARE SHARP. DO NOT TRY TO DRIVE THE MOTOR OUT BY IMPACT! THIS WILL DESTROY THE MOTOR AND VOID THE WARRANTY. FLIP THE BLADE, THEN PLACE BACK ON THE MOTOR SHAFT BY LINING UP THE GROOVE ON THE BLADE HUB WITH THE DRIVE PIN ON THE MOTOR SHAFT.

### STEP 3:

REPLACE CLIP BY PUSHING CLIP INTO GROOVE ON MOTOR SHAFT. ENSURE SAFETY CATCH SNAPS OVER THE MOTOR SHAFT. PUSHER CONFIGURATION SHOULD LOOK AS SHOWN.



**Fig 1**