

TOP-TO-BOTTOM BUNG-ENTERING TUBE MIXERS

FMXD11 shown smaller than actual size.

FMXD11



- ✓ Mixing Tubes and Motors Supplied Separately in Modular Construction for Maximum Flexibility
- ✓ TEFC Electric or Air Driven Models Available
- ✓ Mix with a Non-Vortexing, Non-Aerating Action

FMXD11 mixers efficiently mix from the top of a 55-gallon drum to the bottom, without requiring removal of the drum lid. The optional IPS drum bung adaptor allows fixed mounting of the mixer to the drum. Mixers draw approximately 14 gal of liquid (750 cp maximum viscosity, 1.8 S.G. maximum density) per minute through the 2" diameter mixing tube. Fluid temperature range is 0 to 93°C (32 to 200°F).

A shaft-mounted turbine inside the mixing tube rotates at 3450 RPM (from 300 to 3000 RPM for the air motor), creating a steady suction effect at the four upper intake ports. Liquid is forced down through the tube and forcefully expelled through the ports at the bottom of the tube, breaking up and dissolving settled particles (maximum solid size is 1/8").

FMXD11 mixers work with a non-vortexing, non-aerating action. The mixing tubes are just under 1 m (38") long. They have PTFE bearings at the center and base of the tube, and a graphite-filled PTFE seal. The shaft, turbine, mixing tube, and sleeve are 316 stainless steel.

Mixers are available with either an air-driven or electric motor.

Note: Use the air motor and the FMXD3-SK static protection kit for mixing flammable materials or in explosive environments.

CAUTION:
DO NOT USE THE AIR MOTOR WITHOUT THE FMXD3-SK ANTI-STATIC PROTECTION KIT



The air-driven 3/4 HP motor operates with 10 to 15 CFM air at 3.4 to 6.2 bar (50 to 90 psig), and includes a flow regulator and muffler.

Note: Use a filter/regulator and lubricator in the air supply line if the air is not filtered and lubricated.

The TEFC electric 1/4 HP motors are thermal-overload protected, and come with an on/off switch and a 3.6 m (12') three-wire cord with plug (FPUD421 supplied without plug).

Mixing Tube

To Order		
Model No.	Description	Ship Weight kg (lb)
FMXD11	Standard mixing tube	4.5 (10)

Mixer Motor

Model No.	HP	RPM	Power	Ph	Hz	Type	Weight kg (lb)
FPUD411	1/4	3450	115 Vac	1	60	TEFC	8.1 (18)
FPUD421*	1/4	2850	220 Vac	1	50	TEFC	8.1 (18)
FMXD11-AM*	3/4	3000	Air motor	N/A	N/A	Air	3.6 (8)

Accessories

Model No.	Description
FPUD5-PDA	2" IPS polypro drum adaptor for FMXD11 mixer
FPUD5-GDA	2" PS galvanized steel drum adaptor for FMXD11 mixer
FPUD5-SDA	2" IPS 316 SS drum adaptor for FMXD11 mixer
FMXD3-SK	Static protection kit for FMXD11 motor
FPUD345-FL	Filter-lubricator assembly for FMXD11-AM air motor, 3/4 FNPT connection

Comes complete with operator's manual.

*CE certified

Ordering Examples: FMXD11, standard mixing tube, FMXD11-AM, air motor, FMXD3-SK, static protection kit, and FPUD345-FL, filter/lubricator assembly. FMXD11, mixing tube, FPUD411, 115 Vac motor.

