

Air Movers

TX3AM TX6AM TX8AM TX10AM



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OPERATION

Compressed air or saturated steam is the power source for this air mover. It operates on the venturi principle whereby you take small volumes of high velocity air (from the compressed air source) through the casting and out the nozzle jets, creating a venturi action or pulling action that induces large volumes of low velocity air through the venturi and out the air diffuser.

A 1 1/2" hose is recommended from your air supply source to the side inlet connection. The compressor size required can be determined by checking the chart on air consumed at various inlet pressures. Operate this air mover on air or steam lines limited 140psi.

Specifications

M O D E L		TX3AM	TX6AM	TX8AM	TX10AM
Overall length	inch	30.5	44.25	46.06	48
Diameter of base	inch	7.31	11.25	14.37	17
Diameter top of horn	inch	7	12.5	14.25	15.75
NPT size	inch	1/2	1	1	1
Bolt Circle Diameter	inch	6.56	10.5	13.62	15.5
Base Diameter	inch	0.4	0.4	0.5	1
weight	lb	8.5	22.3	36	42.06

Total Air Flow And Consumed Air At Various Inlet Pressures

	INLET PRESSURE		
	40PSIG	60PSIG	80PSIG
	Total air flow	Total air flow	Total air flow
TX3AM	1017 CFM	1231 CFM	1462 CFM
TX6AM	2385 CFM	2885 CFM	3347 CFM
TX8AM	3152 CFM	4152 CFM	4929 CFM
TX10AM	4898 CFM	6182 CFM	7304 CFM
	Air consumed	Air consumed	Air consumed
TX3AM	35 SCFM	45 SCFM	62 SCFM
TX6AM	73 SCFM	98 SCFM	124 SCFM
TX8AM	114 SCFM	152 SCFM	193 SCFM
TX10AM	154 SCFM	209 SCFM	274 SCFM

Free Air Induction Ratios At Various Inlet Pressures

	Dividing total air flow discharged by amount of air consumed.		
	40PSIG	60PSIG	80PSIG
TX3AM	29.06	27.36	23.58
TX6AM	32.69	29.44	26.99
TX8AM	27.65	27.32	25.54
TX10AM	31.80	29.58	26.66