



PRELIMINARY  
NOT FOR CONSTRUCTION

**NOTE:**

1. NOZZLE ANGLES TO BE POSITIONED IN FIELD BY VAUGHAN ENGINEER.
2. VAUGHAN CO. TO SUPPLY PUMP(S) AND NOZZLE ASSEMBLIES. ALL PIPING TO BE SUPPLIED & INSTALLED BY OTHERS. PIPING LAYOUT & FITTINGS FOR ILLUSTRATION PURPOSES ONLY.
3. CHOOSING LARGE PIPING SIZE RESULTS IN BETTER MIXING. CHOOSE PIPING SIZE TO OBTAIN 4-7 FT/SEC VELOCITY BASED ON THE ROTAMIX SYSTEM FLOW. THIS IS PARTICULARLY CRITICAL FOR PUMP SUCTION-SIDE PIPING TO AVOID PUMP CAVITATION AND GAS BINDING. DISCHARGE PIPING CAN RANGE UP TO 8 FT/SEC WITH OUT NEGATIVE IMPACT. SYSTEM TOTAL HEAD WILL GENERALLY BE AROUND 33-40 FT.
4. CONSULT WITH VAUGHAN CO. ROTAMIX SALES FOR ADVICE ON REQUIRED SYSTEM FLOW, NUMBER OF NOZZLES, SIZE OF VAUGHAN CHOPPER PUMP, AND SYSTEM COSTS FOR YOUR PARTICULAR SIZE TANK. THIS IS A PRELIMINARY PIPING LAYOUT ONLY. PIPING LAYOUT MAY VARY WITH TANK HEIGHT, DIAMETER, CONE DEPTH, EXISTING TANK PIPING &

MODEL:  
MOTOR:  
PERFORMANCE REQUIRED:

RL4D-4S\_2SWM\_100-120 DATE: 8/18/06

	VAUGHAN CO. INC. 364 MONTE-TANA ROAD MONTESANO, WA 98953 PHONE: (509) 248-4542 FAX: (509) 248-8155	TITLE <b>ROTAMIX MIXING SYSTEM                  NOZZLE ASSEMBLY LAYOUT                  4 DUALS/4 SINGLES/2 SINGLE</b>	CUSTOMER _____
	THIS DRAWING IS THE PROPERTY OF VAUGHAN COMPANY INC. IT IS FURNISHED FOR YOUR CONFIDENTIAL INFORMATION PURPOSES ONLY AND IS NOT TO BE DISCLOSED TO ANYONE ELSE OR REPRODUCED OR USED FOR MANUFACTURING PURPOSES WITHOUT THE EXPRESS WRITTEN CONSENT OF VAUGHAN COMPANY INC.	VAUGHAN SALES ENGINEER _____	LOCATION _____
THIS DRAWING IS A PROPOSAL DRAWING AS SUCH IT IS A PRELIMINARY DRAWING AND IT SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES.	JOB ORDER NUMBER _____	DATE _____	VAUGHAN QUOTATION NUMBER _____