



Model	Disc.	Inlet	A	B	C
S81MB300X3G15A	3" Vic	3" Vic	74.65	11.875	8.625
S81MB300X4G15A	3" Vic	3" Vic	79.15	11.875	8.625
S81MB300X4G20A	3" Vic	3" Vic	81.71	11.875	8.625
S81MB300X5G20A	3" Vic	3" Vic	86.11	11.875	8.625
S81MB300X5G25A	3" Vic	3" Vic	88.68	11.875	8.625
S81MB300X6G25A	3" Vic	3" Vic	93.18	11.875	8.625
S81MB300X7G30A	4" Vic	4" Vic	100.14	11.875	8.625
S81MB300X8G30A	4" Vic	4" Vic	104.64	11.875	8.625
S81MB300X8G40A	4" Vic	4" Vic	109.76	11.875	8.625
S81MB300X9G40A	4" Vic	4" Vic	114.16	11.875	8.625
S81MB300X10G40A	4" Vic	4" Vic	118.66	11.875	8.625
S81MB300X10G50A	4" Vic	4" Vic	135.68	11.875	8.625
S81MB300X11G50A	4" Vic	4" Vic	140.08	11.875	8.625
S81MB300X12G50A	4" Vic	4" Vic	144.48	11.875	8.625
S81MB300X12G60A	4" Vic	4" Vic	150.48	11.875	8.625
S81MB300X13G50A	4" Vic	4" Vic	148.98	11.875	8.625
S81MB300X13G60A	4" Vic	4" Vic	154.98	11.875	8.625
S81MB300X14G60A	4" Vic	4" Vic	160.58	11.875	8.625
S81MB300X15G60A	4" Vic	4" Vic	165.08	11.875	8.625
S81MB300X15G75A	4" Vic	4" Vic	148.66	14	10.75
S81MB300X16G75A	4" Vic	4" Vic	153.06	14	10.75
S81MB300X17G75A	4" Vic	4" Vic	157.56	14	10.75
S81MB300X18G75A	4" Vic	4" Vic	161.96	14	10.75
S81MB300X18G100A	4" Vic	4" Vic	169.46	14	10.75

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. PUMP INLET WILL MATE WITH VICTAULIC TYPE CLAMPED UNION. DISCHARGE WILL MATE WITH VICTAULIC TYPE CLAMPED UNION.
3. DO NOT OPERATE OUTSIDE THE DESIGNATED FLOW RANGE.
4. 20 PSI MINIMUM INLET PRESSURE IS REQUIRED. PUMP MUST BE COMPLETELY FLOODED BEFORE OPERATING. DO NOT OPERATE PUMP DRY, OPERATING WITH IN THE DESIGNATED FLOW RANGE WILL INSURE ADEQUATE FLOW PAST THE MOTOR FOR COOLING. WATER TEMP NOT TO EXCEED 85°F.
5. TO ACCOMPLISH CORRECT ROTATION, INTERCHANGE ANY TWO MOTOR LEADS, THEN COMPARE WATER QUANTITY AND DEVELOPED PRESSURE. THE WIRE CONNECTION THAT DEVELOPS THE HIGHEST FLOW AND PRESSURE IS THE CORRECT ONE.
6. UNIT MUST BE PROPERLY GROUNDED. FAILURE TO DO SO MY RESULT IN SERIOUS ELECTRICAL SHOCK. MOTOR MUST BE GROUNDED IN ACCORDANCE TO NATIONAL AND LOCAL CODES.
7. REFER TO THE OPERATION AND MAINTAINANCE MANUAL FOR ADDITIONAL OPERATIONAL INSTRUCTIONS.
8. SPECIAL MECHANICAL MODIFICATIONS MAY SUPERSEDE DIMENSIONS WHICH ARE A FUNCTION OF THE MODIFICATION.



DRAWING NO. 88-154		DRAWING TITLE S81MB300 60HZ	
DESIGN	SCALE	DATE	RELEASE DATE
ENGR	A		
T&T PUMP CO. INC. FAIRMONT, WV 26554		CAD FILE S81MB300 CATALOG DWG	
1/8" = 1"		SHEET 1 OF 2	