



SPECS

TANK CAPACITY	3600 USG + 3% OUTAGE
STANDARDS	DEPARTMENT OF TRANSPORTATION SPECIFICATIONS DOT 407/12
HEAD MATERIAL	0.3125 SA516-70
SHELL MATERIAL	0.3125 SA516-70
TANK DIAMETER	78" OD
OPERATING TEMPERATURE	-20 TO 200 DEGREES F
HYDROSTATIC TEST PRESSURE	40.0 PSIG
PRESSURE RELIEF	4" SS GIRARD PRESSURE VENT, 30 PSIG SETTING MOUNTED TOP OF TANK
PRIMARY SHUT OFF	8" INTERNAL SHUT-OFF WITH 12" STAINLESS STEEL FLOAT BALL/CAGE ASSEMBLY AND 8" RUBBER SEAT.
BAFFLE	ONE ANTI SURGE BAFFLE MOUNTED ON REINFORCING PADS
RINGS	CIRCUMFERENTIAL REINFORCEMENT RINGS WITH TANK SUPPORT FEET WHERE APPLICABLE
OVERTURN PROTECTION	FRONT, CENTER AND REAR 4" PIPE CONSTRUCTION OVERTURNS WITH REINFORCEMENT PADS AND GUSSETS; CW OVERTURN RINGS
LIGUID LEVEL INDICATOR	STAINLESS STEEL CONSTRUCTION ROTARY FLOAT GAUGE WITH 6" FLOAT BALL ASSEMBLY LOCATED ON FRONT DRIVER SIDE WITH GRAB HANDLE AND UP POSITION TIE BACK
REAR DOOR	HYDRAULIC FULL OPENING REAR DOOR ASSEMBLY WITH 6 HEAVY DUTY WING CLAMPS, NEOPRENE RUBBER REAR DOOR GASKET, DOUBLE ACTING HYDRAULIC CYLINDER AND SAFETY BRACE.
SUCTION VALVE	6" ANSI BETTS AIR OPEN/SPRING CLOSE VALVE AND ACTUATOR, 6" STAND PIPE/DEFLECTOR PLATE ASSEMBLY, ALUMINUM KAMLOK FITTINGS MOUNTED ON REAR HEAD AT 4 O'CLOCK POSITION C/W HEATED JACKETS
DISCHARGE VALVE	6" ANSI BETTS AIR OPEN/SPRING CLOSE VALVE AND ACTUATOR WITH ALUMINUM KAMLOK FITTINGS MOUNTED ON BOTTOM CENTER OF REAR DOOR C/W HEATED JACKETS
ISOLATION VALVE	8" AIR OPERATED BUTTERFLY VALVE BETWEEN PRIMARY AND CYCLONE WITH MANUAL AIR SWITCH CONTROL.
FILTRATION SYSTEM	DUAL 20" DIAMETER CYCLONES MOUNTED ON 20" DIAMETER DROP BOX WITH SIDE SWING CLEAN OUT, 3" BRASS DRAIN VALVE AND ALUMINUM KAMLOK FITTINGS, CUSCO 30" DIAMETER FINAL FILTER ASSEMBLY
SILENCERS	INSTALLED FOR PROTECTION OF BLOWER WITH 20" DIAMETER STAINLESS CORE STEEL WITH 100 MICRON FILTER.
BLOWER SPECIFICATIONS	12" INTAKE AND EXHAUST SILENCERS.
BLOWER PIPING	ROOTS DVJ 721 BLOWER 3658 CFM FREE AIR RATING, 2850CFM @ 18"HG, 27"HG MAXIMUM VACUUM
BLOWER VALVING	SINGLE 8" DIAMETER WITH 8" QUICK DISCONNECT RUBBER BOOT ASSEMBLY
DRIVE	6" MANUAL BUTTERFLY VACUUM RELIEF VALVE AND 10" INLINE CHECK VALVE ASSEMBLY
PRESSURE UNLOADING SYSTEM	DRIVEN FROM AIR SHIFT TRANSFER CASE. MORO PM80 AIR COOLED VACUUM/PRESSURE PUMP (350 CFM FREE AIR 28" HG) HYDRAULICALLY DRIVEN
HYDRAULIC RESERVOIR	WITH 3" AIR OPERATED ISOLATION BUTTERFLY VALVE, 3" DIAMETER NO DISCONNECT PIPING, 3" SECONDARY MOISTURE TRAP FILTER AND MUFFLER/OIL TRAP ASSEMBLY.
HYDRAULIC DUMP SYSTEM	MOUNTED ON HYDRAULIC DUMP SUB-FRAME WITH SUCTION STRAINER, DIFFUSER, FILL CAP, HYDRAULIC OIL FILTERS AND SIGHT GLASS.
VIBRATOR	FULL LENGTH HYDRAULIC DUMP SUB-FRAME WITH 20 TON, 3 STAGE SINGLE ACTING DUMP CYLINDER, REAR DUMP PIVOT ASSEMBLY AND SAFETY BRACE. HYDRAULIC VIBRATOR ASSEMBLY MOUNTED BOTTOM OF TANK WITH REINFORCING PAD, HEAVY DUTY MOUNTING CHANNEL AND PRESSURE RELIEF VALVE



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