

VOTATOR: One votator 6" x 72" scraped surface heat transfer unit with concentric floating blades 3040R, 316 S.S. 10 HP drive, 300 RPM, back pressure valve.

HEAT EXCHANGER: One AIRCO plate heat exchanger type 22-H, 46.8 sq. ft. of surface design, pressure 250 psi.

VACUUM JET: One Jet-Vac steam jet vacuum system, three stage system with intercondenser test orifice, hog jet type S10 ASME code designed and stamped.

COOLING TOWER: One Marley model 343-101 cooling tower, 300 GPM of water from 110°F to 85°F. Tower is of redwood framing and 3/8" corrugated asbestos cement board casing, 15 HP gear-reducer driven aluminum fan.

CONDENSER: One 17-96 AEM condenser shell type, 316 S.S. formed heads, 316 S.S. tubes, 316 S.S. 136-3/4" O.D. x 8'-0" length, ASME coded and stamped.

CONDENSER: One 12-72 AEM condenser shell type, 316 S.S. formed heads 316 S.S. tubes, 316 S.S. 96-3/4" O.D. x 6'-0" length, ASME coded and stamped.

SCALES: One Fairbanks Morse self-contained scales with 5,000 lb. x 5 lb. dial chart and standard tare bars. Scales has 60 x 60 platform with extended neck box for above floor installation.

DRUM DUMPER: One Hercules low level drum dumper, 42" dumping height, 1500 lb. capacity, portable, 45° dumping angle explosion proof motor and controls, 110 V operation.

BIN: One Vibra screw bin model C7B-5-200, 200 cu. ft. capacity, 3" outlet, sidewall supporter, 4 ft. from top, explosion proof motor, 440 V operation.

PUMPS: Fourteen (14) Union Vertical Incline centrifugal pumps of the following sizes and speed.

4	-	1-1/2 x 2 x 7 VCI	1 HP	1800 RPM	26 GPM	40' head
3	-	1-1/2 x 2 x 7 VCI	5 HP	3600 RPM	110 GPM	130' head
1	-	1-1/2 x 2 x 9 VCI	3 HP	1800 RPM	50 GPM	60' head
1	-	2 x 3 x 7 VCI	10 HP	3600 RPM	180 GPM	110' head
2	-	2 x 3 x 11 VCI	5 HP	1800 RPM	100 GPM	80' head
1	-	3 x 4 x 9 VCI	10 HP	1800 RPM	150 GPM	40' head
2	-	4 x 6 x 11 VCI	15 HP	1800 RPM	300 GPM	74' head

PUMP: One Dening figure 4507, 1-1/2" type B cast iron, bronze fitted pump with S.S. shaft, 1/2 HP 1750 RPM explosion proof motor, copper float and adjustable stops, explosion proof float switch.

PIPING & INSTRUMENTATION: Process piping and instrumentation material, controls and equipment to make operational all equipment listed in above listing, including controllers, valves, fittings, temperature indicators, pressure indicators.

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