



Specification UltraVac Model 752SP

I. General

The UltraVac Model 752SP is a heavy duty, stationary industrial vacuum loader consisting of a power module, filtration system, material collection hopper and support frame. The UltraVac Model 752SP is an ideal industrial vacuum source to power permanent in-plant piping systems.

II. Power Module

The UltraVac Model 752SP is electrically powered and features a 75 horsepower, 460 VAC, 3 phase, 60 Hz, TEFC electric motor. A NEMA 4 control panel is provided with all necessary controls including motor starters. Alternate electric classifications for motors and controls are also available. Please contact us with your specific requirements and we will be pleased to provide pricing. All UltraVac units feature a positive displacement rotary lobe type vacuum producer with ductile iron impellers and high temperature seals. The Model 752SP power module also includes an air compressor, air reservoir and exhaust air silencer.

III. Material Collection Hopper

The UltraVac Model 752SP features a large 2 cu. yd. capacity main material collection hopper featuring bottom discharge. A variety of discharge valves are available. The hopper is constructed of reinforced carbon steel and is designed to handle negative pressures over 18" Hg. The collected material enters the hopper through a port located at the rear near the top of the material collection hopper. The expansion of the air as it enters the hopper along with numerous directional changes assures that only the finest of particles get carried into the baghouse for final separation from the airstream.

IV. Filtration System

The UltraVac Model 752SP features a filtration system consisting of removable filter assemblies that are automatically self cleaned by reverse pulse high pressure jet air blasts. Filter cleaning timing sequence is controlled by a solid state logic panel. The high pressure air is supplied by the belt driven air compressor. Since filter cleaning is a continuous operation while vacuuming, there is never a need to shut down a UltraVac unit for filter cleaning purposes.

V. Main Frame

The UltraVac Model 752SP features the power module, hopper module and filtration system conveniently mounted on a single main frame. Support legs up to 6 feet in height can be provided. Longer length legs, catwalks, access ladders etc. are also available.

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Specification
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(cont.)

VI. Anticipated Performance

The Model 752SP's 75 horsepower system and positive displacement rotary lobe type vacuum producer provides the following performance specifications:

Horsepower: 75 HP (56 KW)

Vacuum Rating: 16" HG (0.542 BAR)

Air Volume	Conveying Rate	Conveying Distance
No Load = 1800 CFM 3059 m ³ /hr.	Nominal = 375 lb./min. 170 kg/min.	Nominal = 200 feet 61 m.
Max. Load = 1560 CFM 2650 m ³ /hr.	Maximum = 750 lb./min. 340 kg/min.	Maximum = 750 feet 229 m.

Material handling rates and conveying distances will vary based on the bulk density and particle size of the material, as well as the skill and efficiency of operating personnel.

VII. Controls

The Model 752SP UltraVac features a complete package of instrumentation and product protection controls. Standard features include the following:

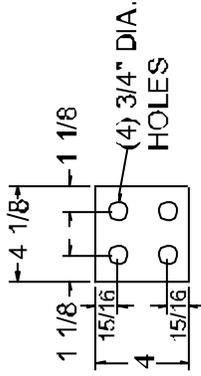
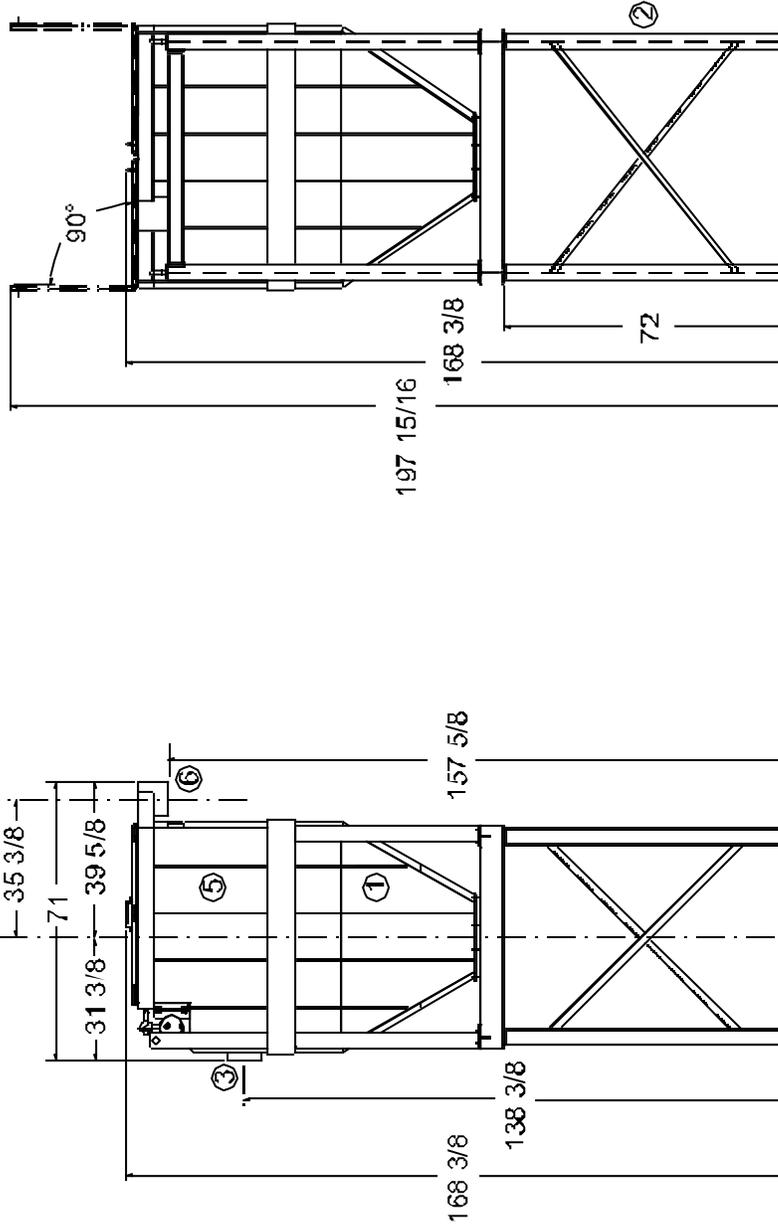
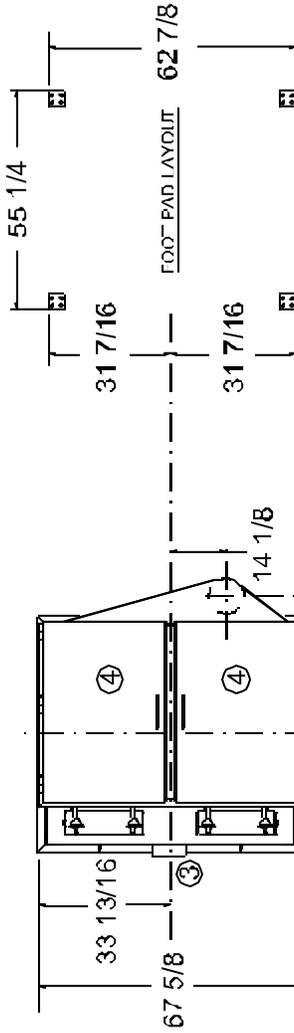
- Start and Stop pushbuttons with system "Running" pilot light
- Filter bag differential gauge
- Vacuum gauge and high vacuum relief valve
- Hopper full level control with automatic shutdown and "Hopper Full" pilot light
- Air pressure gauge and switch with automatic shutdown and "Low Pressure" pilot light

VIII. Miscellaneous

All UltraVac units include two (2) operation and maintenance manuals as standard. Additional manuals are available at \$100.00 each. Units are primed and painted with durable industrial enamel. Standard color is yellow, or your choice of any single color specified on written order. All UltraVac equipment is covered by our twelve (12) month warranty covering materials and workmanship excluding normal wear components such as filter bags and conveying hose.

BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION
1	1	2 CU. YD. HOPPER
2	1	SUPPORT STAND
3	1	6" DIA. INLET FROM PIPE SYSTEM
4	2	BAGHOUSE ACCESS DOORS
5	1	FILTER BAGHOUSE
6	1	OUTLET TO VACUUM PUMP



FOOT PAD BOLT HOLE PATTERN

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. ALL CARBON STEEL CONSTRUCTION.

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HI-VAC
Corporation

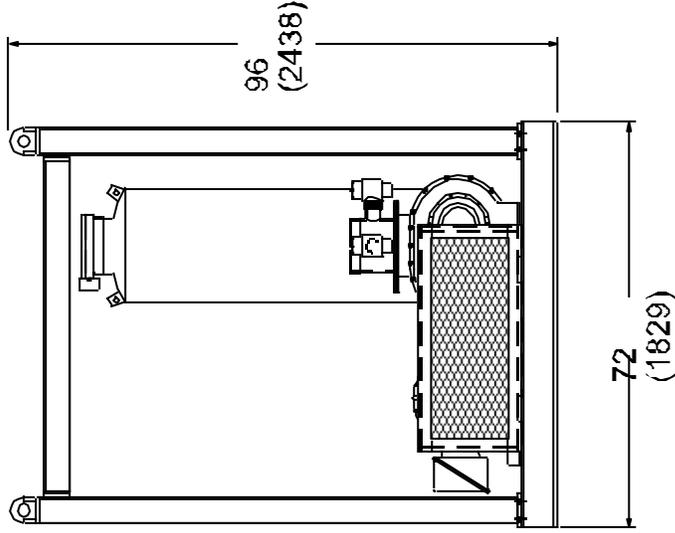
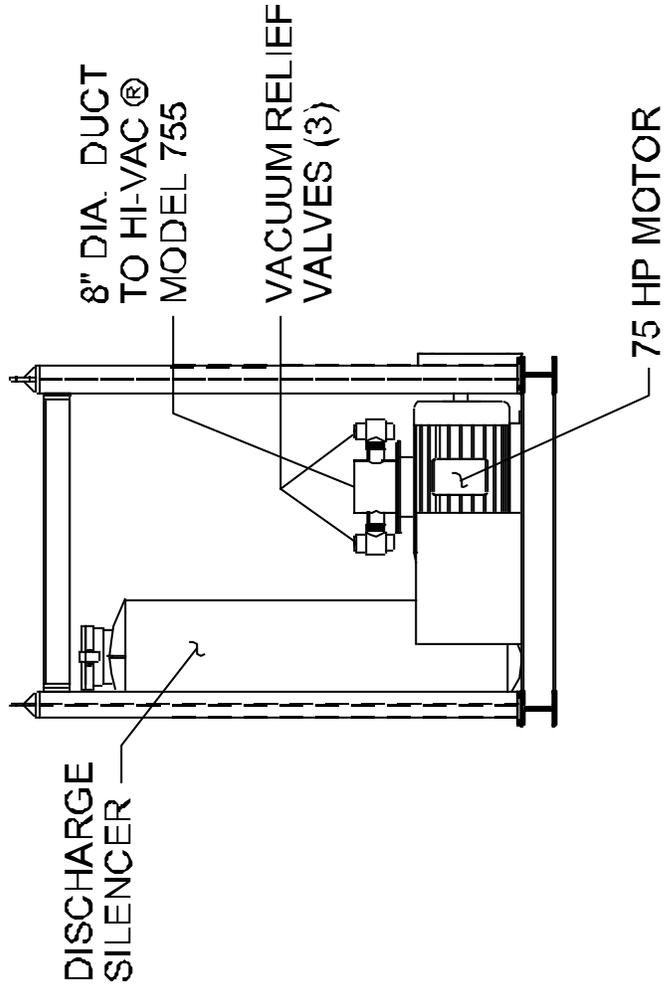
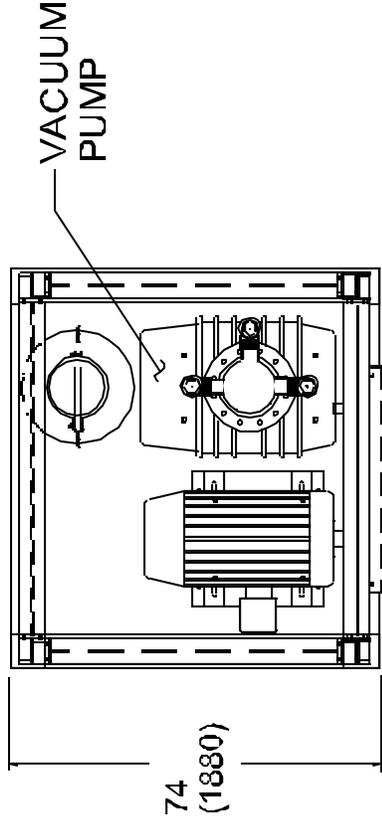
117 INDUSTRY ROAD
MARIETTA, OHIO 45760
PHONE: 614-374-7416
FAX: 614-374-5447

TITLE: **ULTRA VAC 2.0 CUBIC YARD
FILTER/RECEIVER**

DATE: 02FEB96 SCALE: NONE DRAWN: CGT DRW. NO. 692020-1

**NOTE: DIMENSIONS ARE IN INCHES
(MILLIMETERS)**

APPROX. WEIGHT - 5500 LB. (2494 KG.)



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HiVAC Corporation
 11777 INDUSTRY ROAD
 MARIETTA, OHIO 45750
 PHONE: 614-372-2306
 FAX: 614-372-5447

THIS HI-VAC® 75HP. VACUUM PRODUCER FOR
 USE WITH MODEL 755 HI-VAC®

DATE: 07AUG96 SCALE: NONE DRAWN: CGT DRWG NO: 697080-2