

Application: *Industrial cleanup of animal waste.*

Product: VAC-606Q (Quiet HEPA Vacuum)
Stainless Steel

Problem:

How to remove and discard animal waste (wood shavings, unused food, fruits, orange peels, animal excrement etc.)

Presently, animal cages are rolled into a wash-down room.

First, the technicians pull out the bottom catch tray with waste on it. Then, using a pressure washer, spray the cage with high-pressure water, sending the waste material into the air and all over the floor and wall. Once water is added to the waste (by high-pressure washer), the waste becomes airborne. Waste material is left all over the floor until all cages are cleaned.

Finally, technicians spray disinfectant on cages and wash down disinfectant with pressure washer.

Once the cages are cleaned, the cages are removed to another part of the room. Technicians spray down all the walls and floors to gather up the waste into a pile. The pile of waste is shoveled up by two technicians and put into a open holding/waste bin. Floor is then squeegee and the rest of material is washed down the floor drain.

Today

- 1) Roll in cages
- 2) Pull bottom tray out
- 3) Pressure washer the waste on bottom tray
(makes waste airborne and sends it all over the walls and floor)
- 4) Spray on disinfectant
- 5) Wash off disinfectant with pressure washer.
- 6) Roll clean cages away.
- 7) Pressure washer the walls and floors and push animal waste into pile.
- 8) Two technicians using shovel and squeegee pick up waste and put in an open waste bin.
- 9) Floor is squeegee and liquid pushed down the drain

Results:

- * **The VAC0606Q reduces the workload of technicians by eliminating picking up waste, washing down and disinfecting the walls/ceiling.**
- * **The Unit is quiet (under 82dbs) so it will not disturb the animals.**
- * **The HEPA filters produce 99.97% clean air @ 0.3 microns and waste will not become airborne.**
- * **No more clogged drains because only water and disinfectant is on the floors.**
- * **Reduces air handler filter replacement in ceiling. No airborne waste from liquefying animal waste . Negative air vacuum captures the waste.**
- * **Waste is contained in enclosed tank (bottom tank of VAC-606Q) and no fumes escape from open container.**

