



OPERATING INSTRUCTIONS

CLEANING UNIT

READ ALL INSTRUCTIONS BEFORE USING CORNVAC SYSTEMS PRODUCTS, AND BE SURE TO SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

ASSEMBLY AND OPERATION OF YOUR CLEANING UNIT

The Unit comes pre-assembled.

WARNING: The Cleaning Unit **MUST** be attached to a sealed container that is capable of withstanding the negative pressure that your vacuum source produces. Cornvac Systems, Inc. does not recommend using this unit on large poly tanks (water storage tanks) or other containers that are not properly designed and tested to withstand negative pressure (vacuum). These large poly tanks will NOT withstand the vacuum produced by even a small wet/dry vac.

1. The sealed container must be completely sealed of all air leaks for proper operation of the cleaner. The bottom of the cleaner has a 3.5 inch opening that will fit over a standard 3" schedule 40 PVC pipe, or a 3" Closet/Toilet Flange. The cleaning unit is placed on top of the sealed container.
2. Once the cleaning unit is installed and hoses attached (see photo below), turn on the vacuum and begin transferring corn. The shelled corn is transferred to the cleaner and dropped into your sealed container, and the dust/bees wings/redeyes and other light particles are vacuumed to the wet/dry vac.

OPERATION TIPS

1. For best results, use a 6 or 6.5 horsepower wet/dry vac.
2. Using a 6.5 horsepower wet/dry vac, this unit has successfully lifted to a height of 8 feet. Although a higher height may be used, the increase of blockages may occur the higher the lift. If transferring corn to lengths greater than 15 feet, it is recommended to use SOLID pvc pipe with long sweeping bends, then attach a short section of flexible hose to complete the piping system.



Attach Wet/Dry Vac Suction Hose to Upper Coupler (1 1/2"x2") and Tighten

NOTE: Not all wet/dry vac hoses are the same, some additional couplers may be necessary to complete the connection if your particular hose size does not match the provided coupler.

Attach Corn Transfer Hose to Lower Coupler (1 1/2" x 1 1/2") and Tighten. Our testing has shown that the optimal size of transfer hose is 1 1/4" Hose. The hose **MUST** have a smooth interior (corrugated hose will not work). If you are having clogging problems, check your transfer hose for interior smoothness as well as proper size.

E-mail us at INFO@CORNVAC.COM if you need assistance with your cleaning unit.

CornVac Systems, Inc. Visit our Website at WWW.CORNVAC.COM to view our other products.