



PacVac Vacuum Stations

Application

Airvac offers 3 versions of a "packaged vacuum station" that includes not only the same high-quality vacuum station components as our custom-engineered stations but also a prefabricated building to house it.

PacVac Version 1

- Ideal for small projects serving 75 to 235 connections
- All equipment on 1 level
- Prefabricated building
- Station can be on grade or partially buried
- Protection from flood and static loss limits must be considered



PacVac Version 2

- Ideal for small to medium projects serving 75 to 550 connections
- Over/under configuration
- Prefabricated building
- Basement vault
- Used when flood elevation and/or excessive static loss precludes the use of PacVac Version 1



PacVac Version 3

- Ideal for medium sized projects serving 235 to 550 connections
- Direct-bury fiberglass collection tank w/integral pump vault eliminates the basement
- Prefabricated building



Models

Model M Series			
Model #	Max Peak Flow	Max # Connections	Available in Version
PacVac 103M	80 gpm	120	1 & 2
PacVac 170M	150 gpm	235	1,2 & 3
PacVac 277M	250 gpm	390	2 & 3
PacVac 353M	350 gpm	550	2 & 3

Features and Benefits

Cost Savings: The greatest advantage to using any PacVac station is the significant cost savings compared to a custom-designed vacuum station. With no equipment to assemble and no building structure to construct on-site, the contractor's effort is greatly reduced.

Standard, Yet Flexible:

Standardization of key components keeps things simple with PacVac. Within each PacVac Version, several models are available allowing the designer to match the available component equipment to the size of the project.

Sewage Pumps: All PacVac stations use 2 sewage pumps. In Versions 1 these are on the same level as all other equipment; in Version 2 they are in a basement vault and in Version 3 they are in a pump vault. The size varies according to peak flow (gpm) and head conditions. (TDH)

Vacuum Pumps: In all PacVac stations, either 2 or 3 vacuum pumps are used. The capacity (cfm) ranges from 103 cfm to 353 cfm.

Collection Tank: In all PacVac stations, a fiberglass collection tank is used. Version 1 uses a 1300 gal tank, while various sizes are available in Version 2 & 3. The collection tank is contained within the structure of Versions 1 & 2 and is directly buried in Version 3.

Prefabricated Building: A significant cost savings factor in all PacVac stations is the use of a prefabricated building supplied by Airvac. Each PacVac version has a building sized specifically for the equipment it houses.



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