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ACADIA®

Acadia Amalgam Separator

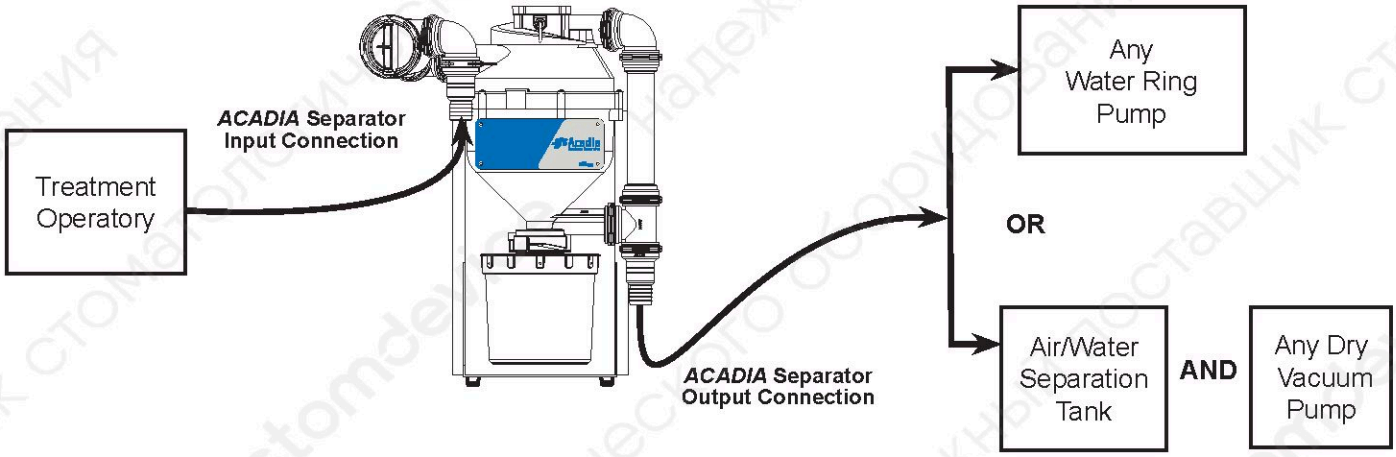
Part Number: A1250

Pre-Installation Guide

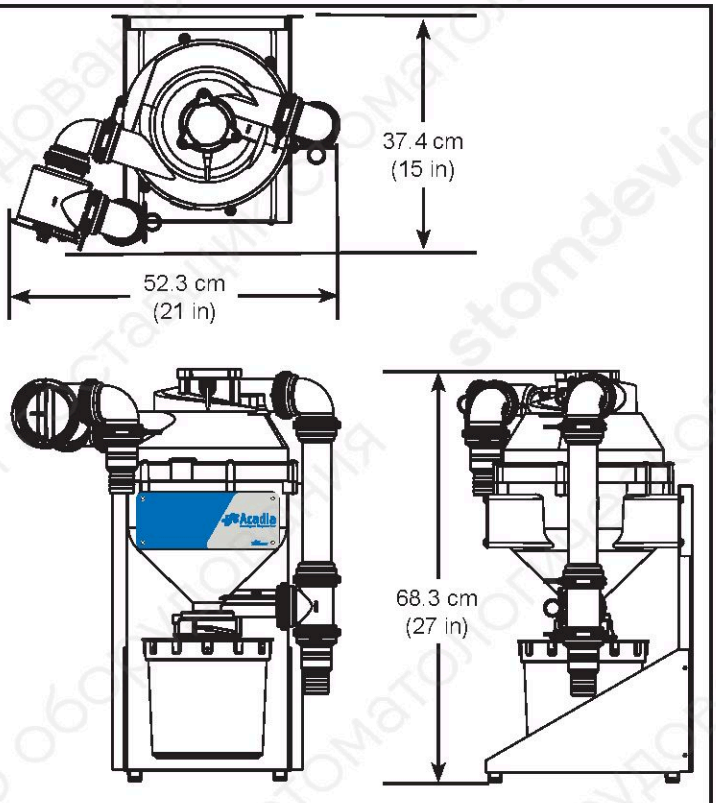
Important: The Separator is only installed between the treatment operatory and the vacuum system input. DO NOT connect the unit to the outlet of any separation tank (dry vacuum system) or liquid ring pump (wet vacuum system).

Introduction

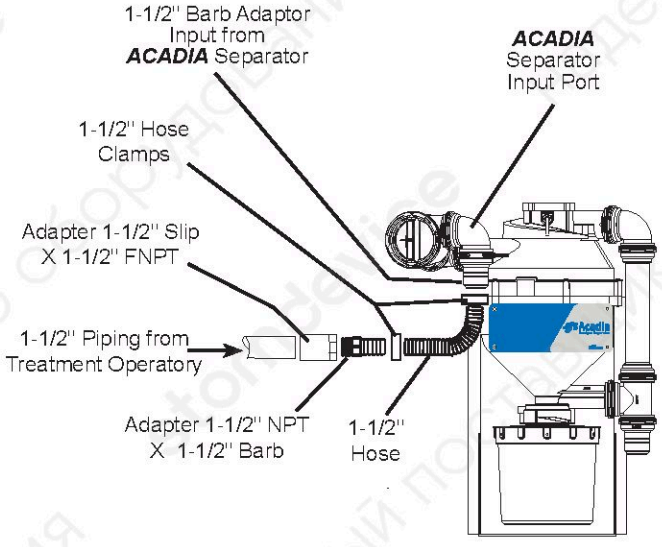
As shown below, a Separator is installed onto either an existing or new dry pump or liquid ring pump vacuum system. The unit is only installed between the treatment operatory output and the vacuum system input. This new installation or modification is to be performed by authorized service personnel using similar quality connection hoses and fittings. All installations must conform to local codes and meet all local, state and/or federal environmental laws and regulations.



Typical ***Acadia*** Amalgam Separator Installation Configurations



Acadia Dimension Drawing

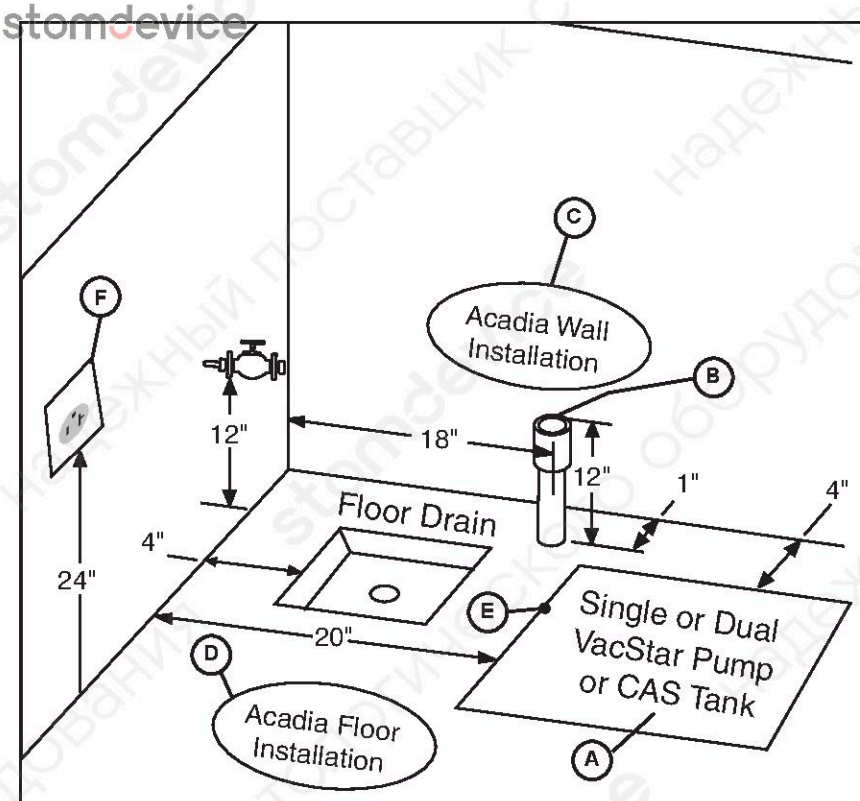


Acadia Input Port Connection to Operatory Vacuum Line

ACADIA Weight (empty): 6.80 kg (15 lbs)

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INSTALLATION NOTES

A. VACUUM SYSTEM INSTALLATION SPACE -
Area used for wet pump installation for VacStar systems.
OR
Area used for CAS tank installation for STS systems.
Note: Refer to Pre-Installation Guide for specific vacuum system being installed.

B. VACUUM LINE - Recommended sub-floor plumbing vacuum line connection between the operatory and utility room terminated with an 1-1/2 inch FNPT connector. Connect to ***Acadia*** input port via supplied 6-foot hose, connectors and hardware.

C. ACADIA WALL INSTALLATION - Locate the ***Acadia*** on the wall so the input and output of ports of the unit are within 4 feet of vacuum line connection (B.) and vacuum system input (E.) respectively.

D. ACADIA FLOOR INSTALLATION - Locate the ***Acadia*** on the floor so the input and output of ports of the unit are within 4 feet of vacuum line connection (B.) and vacuum system input (E.). Use Foot installation Kit, P/N A1399.

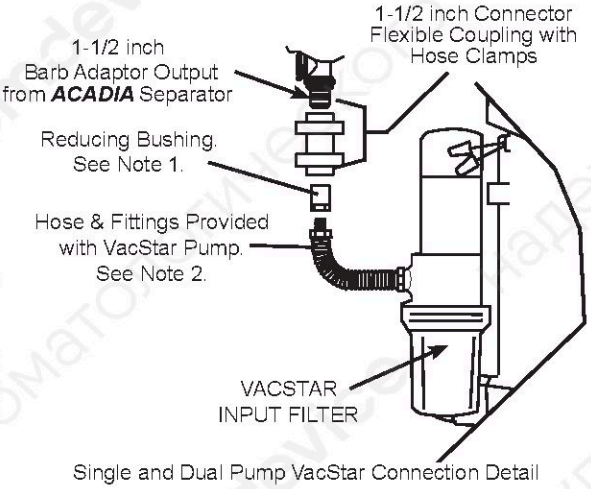
E. VACUUM SYSTEM INPUT - ***Acadia*** output line connection to the applicable vacuum system. Connect ***Acadia*** output port via 6-foot hose, connectors and hardware supplied with the vacuum system.

F. ELECTRICAL RECEPTACLE - Necessary when using a 12VDC power supply to power the optional ***Acadia Alert*** Monitor Module.
Note: Refer to Pre-Installation Guide for specific electrical requirements of the vacuum system being installed.

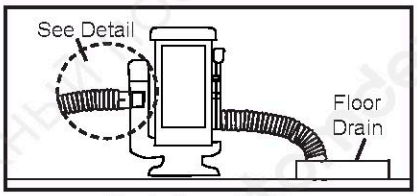
Typical ***Acadia*** Amalgam Separator Utility Room Installation Layout Details

Notes:

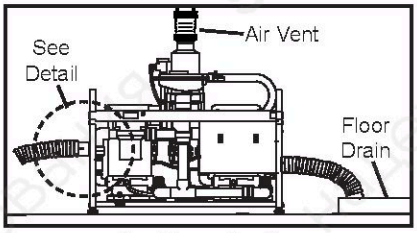
1. Bushing used depends on pump installation:
   Use 1-1/2 in. SPG X 1 in. FNPT for dual VacStar pumps.
   Use 1-1/2 in. SPG X 3/4 in. FNPT for a single VacStar pump.
2. Dual pump installations use 1 inch hose and fittings, while single pump installations use 3/4 inch hose and fittings.



Single and Dual Pump VacStar Connection Detail

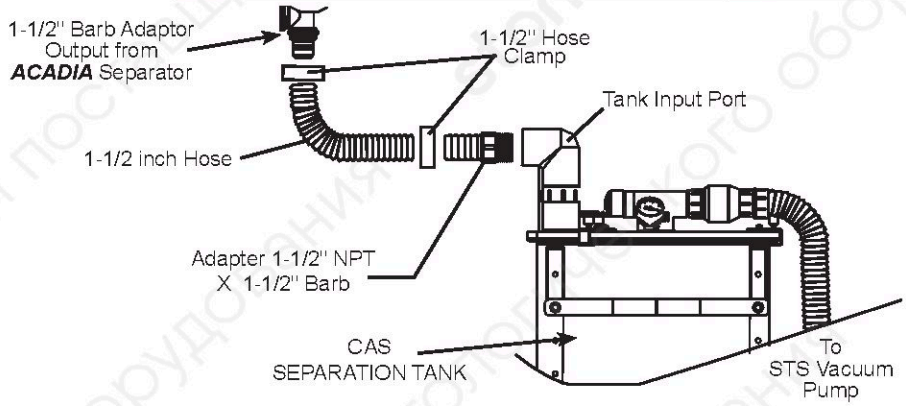


Single Pump VacStar

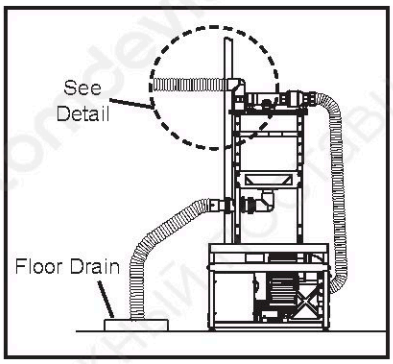


Dual Pump VacStar

Acadia Connection to a VacStar System (Direct pump connection. No Separation Tank.)



CAS Tank Connection Detail



CAS Tank Stacked on STS Pump

Acadia Connection to a STS Pump/CAS Tank Vacuum System (Direct connection to Separation Tank.)

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