



CHADSON GRANULAR FILTERS

SERVICE INSTRUCTION SHEET

DATE: JANUARY 2018 REVISION: D DOC #: 123

**TITLE: WET DRY PRE-COAT VACUUM
OPERATING PROCEEDURE**

**PPE CLOTHING TO BE WORN AT ALL TIMES
DUST MASKS and SAFETY GLASS'S are MANDATORY**

- 1/ Prepare site with all materials and positioned within working area.
- 2/ JSA has been completed and signed.
- 3/ First operation is to open the **INLET VALVE (A)**, and open **OUTLET VALVE (B)**, until an equilibrium is constant and visual. The water level should be below the **Media pipe**.
Adjustment of using both valves to achieve this operation, prefer the **OUTLET VALVE (B)** to be fully open and the **INLET VALVE (A)** the better option to control the flow till the objective is achieved.
Once the level is staying constant proceed to next operation step 4.
- 4/ Switch on the Wetvac unit, this will cause an increase of water flow into the cylinder, once again reduce the inflow by reducing **VALVE (A)**. The level will once again fluctuate adjust until water level is at required level.

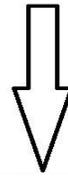
Once this is achieved and regular flow is at a comfortable stage proceed to step 5.
- 5/ Introduce the media via the vacuum hose to the **MEDIA VALVE**
Keep constant visual to ascertain the qty flowing into the cylinder, adding the media accordingly until all has been used up.
When all the media is used up switch off the vacuum motor, increase the water flow by adjusting, open **VALVE (A)**.
- 6/ Once all media has been passed clear water is now evident in the cylinder and the flow is constant, fully close **VALVE (A)** and fully close **VALVE (B)** once the cylinder is dry.

**WETVAC VACUUM
CAN BE MOUNTED
ON THE WALL.
OR TO SIDE OF
POST.**



PRE COAT FUNNEL
c/w WETVAC 1400 watts

A/ INLET VALVE



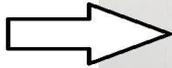
WETVAC HOSE



2 way Hayward valve

40mm unions
3 off
one per valve

MEDIA VALVE

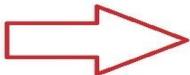


3 way hayward valve

Pre-coat Funnel
bolted to post

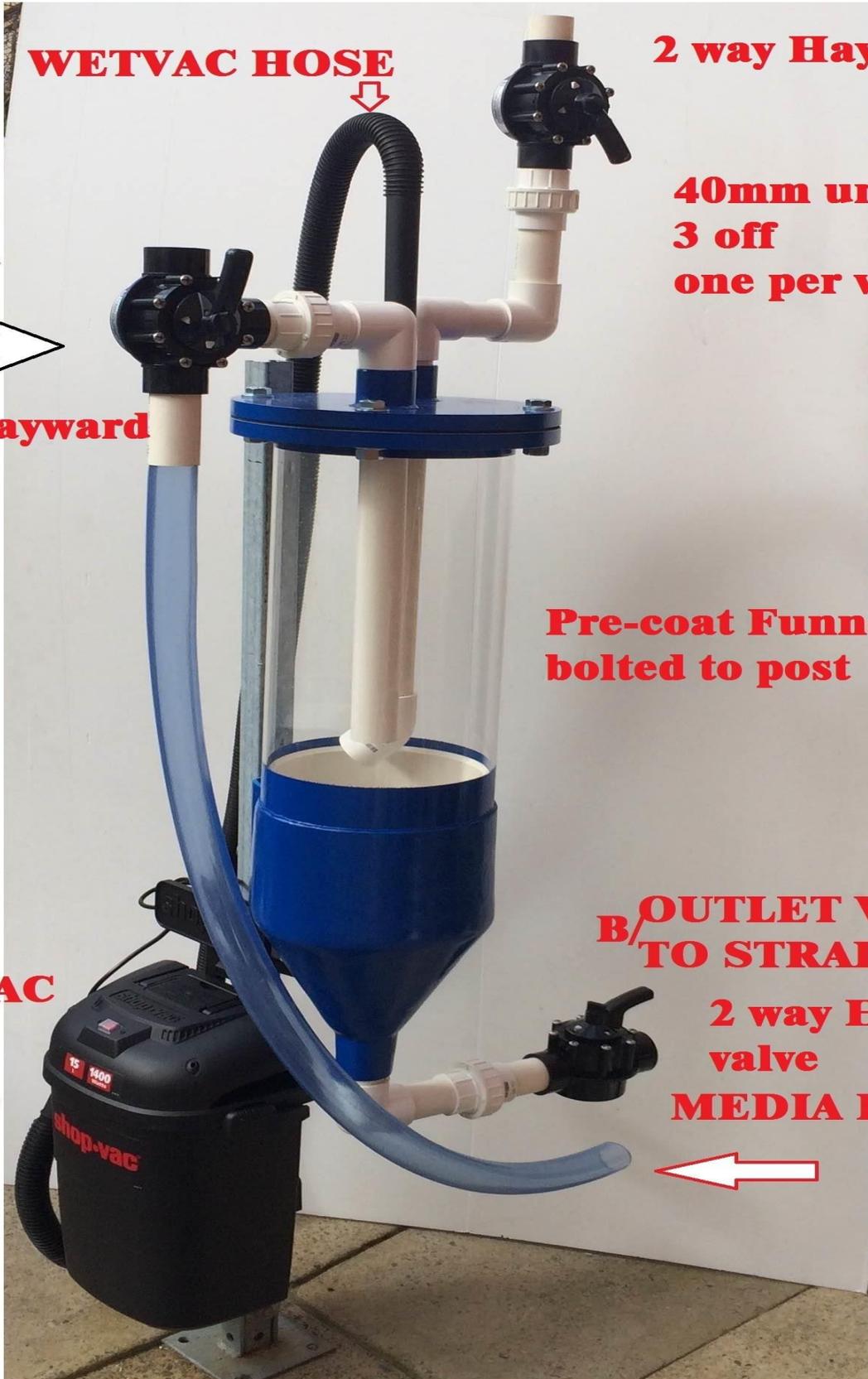
B/ OUTLET VALVE
TO STRAINER

WETVAC UNIT



2 way Hayward valve

MEDIA HOSE



7/ Clean up surrounds and proceed to next filter and follow the same operations.

8/ Keep records on the date time and amount of media replaced of each filter, for future reference.

9/ Work within safety guidelines at all times.

PRE-COAT MEDIA TRANSFER SYSTEM

The filter cylinder unit consists of 1400watts vacuum cylinder c/w hose and valves/unions.

The valves / unions fittings are loose and not fixed to ports.

Valves/unions are 40mm dia fittings and to be installed and fixed as per hydraulics set up or whichever best suited.

Keep the valves close to the cylinder for easier adjustments when in operation mode.

Set up of the unit fixed on a stand as per Engineers instructions.

Struts / posts / bolts not included, installer to provide stand and fixings.

Caution: Carry out Health and Safety Procedures as per SITE & OTHER RELEVANT REGULATIONS

DISCLAIMER: Whilst the information provided within these instructions is the best available at the time of publication, it may be subject to change and /or revision, Chadson Granular Filters assumes no responsibility for the accuracy or the use of information provided with in these instructions. It is the installers (and /or the operator's) responsibility to obtain and check all current undertaking any procedure, service work or revision, CGF recommends that all service work be undertaken by an Authorised Service Centre (ASC).