

Waterjet Filtration



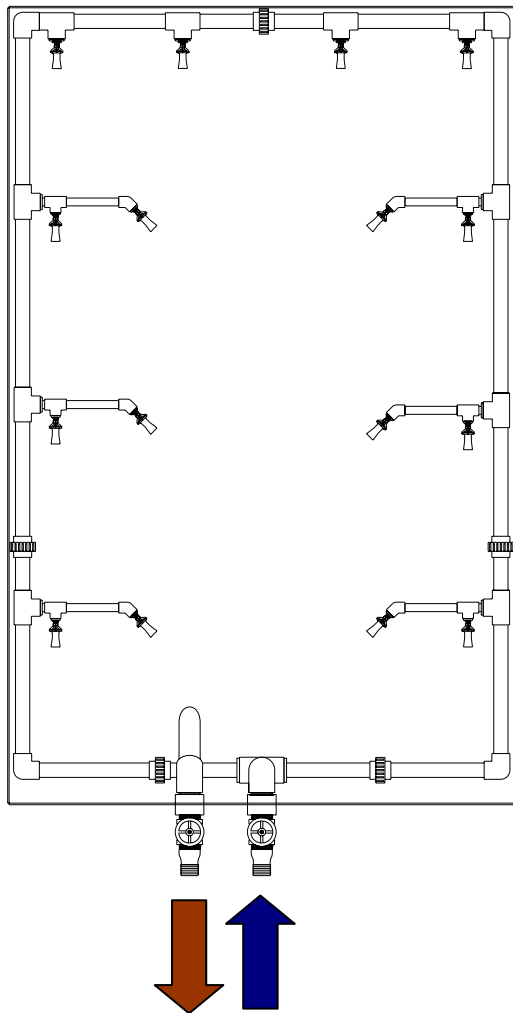
Patent Applied For

***Ebbco* inc.**
WATERJET FILTRATION



System Specifications

Model Number	GRS-0150	GRS-0200	GRS-0250	GRS-0302	GRS-0303	GRS-0402	GRS-0502	GRS-0602
Tank Sq. Footage	0-20	21-30	31-40	41-70	71-100	101-170	171-250	251-350
Flow Rate (GPM)	70	100	150	200	290	450	600	770
Motor HP	5	7.5	10	10	15	20	30	40
Voltage	220/460	220/460	220/460	220/460	220/460	220/460	220/460	220/460
Full Load Amps	14.5/8.0	22.6/12.3	27/14.5	27/14.5	42/22	54/28	78/40	96/49
Suction Size	2"	3"	3"	3"	4"	4"	6"	6"
Discharge Size	1.5"	2"	2"	3"	3"	4"	6"	6"



Ebbco Model No: GRS-0302-B-CC

SYSTEM SELECTION

Selection of an Ebbco Abrasive Removal System is based on square footage of the Water-Jet catcher tank and number of cutting heads. Catcher tanks are unique and may contain obstacles such as support stanchions and bladders. Ebbco engineers will design a sweeper package to fit any Water-Jet catcher tank. The sweeper package is designed to move large quantities of abrasive laden water along the bottom of the tank, toward a suction port. Before entering the separator, the abrasive laden water is pre-filtered through a suction strainer, which collects larger parts that accumulate during the cutting process.



Sweeper Package Installation

A Sweeper Package is specifically designed to fit the catcher tank and can be installed by a qualified Ebbco service technician. The sweeper package incorporates multiple eductors with a 4:1 ratio. The eductors enhance water flow and keeps the abrasive in suspension, pushing it toward the system suction port.



System Abrasive Purge

Abrasive is purged from the system every minute. As the Water-Jet deposits abrasive into the catcher tank, the Ebbco Abrasive Removal System removes it, depositing the spent abrasive into the same 2200 lb. bag that the abrasive was purchased in.



Abrasive Disposal

Spent abrasive is deposited in the 2200 lb bag at the same rate at which it enters the catcher tank. The spent abrasive is relatively clean and void of parts larger than 1/8" diameter. The Spent abrasive bag is lifted from the disposal hopper and disposed of in a manageable 2200 lb bag.



Authorized Distributor: