

# WATERJET FILTERS

**Model Numbers** - WJ729-0.35, WJ729-1, WJ829-0.35, WJ829-1 (Others available upon request)

**Nominal Micron Levels Available** – 0.35, 0.5, 1

## OVERVIEW

The Waterjet Filter line from Dynamic Filtration is a new line of pleated waterjet filters that are used for water filtration in Ebbco and OMAX waterjet filtration systems and in various cartridge housings/vessels made by Harmsco, Ebbco, Shelco, CSD, etc. The filter is designed in a variety of micron levels to meet the needs of the application and provides a longer service life than the competition due to higher levels of media in the filter. Designed for a high flow rate and low pressure drop.

## PRODUCT DESCRIPTION

The Dynamic waterjet filter cartridges are made with a premium cellulose hybrid media for high dirt holding capacity and above average turbidity levels. It can be used with in-process water and oil fluids for industrial applications only. Not for potable water systems.

## PRODUCT FEATURES

### MATERIALS OF CONSTRUCTION:

- **Filter Media** - Premium phenolic resin impregnated cellulose synthetic hybrid pleated media is used for high dirt-holding capacity and economical filtration.
- **Inner Core** - Electroplated Steel to prevent cartridge collapse at high pressures.
- **End Caps** - High Strength ABS
- **Buna-N gaskets** - Optimize the seal. Other materials available.

### SPECIFICATIONS:

- **WJ729-0.35** - 7 3/4" OD x 2 5/8" Bottom ID x Threaded Cap 3" NPT Top ID, 29 1/8" Ht., 0.35 µm, Single Pleat, Connection - Standpipe, 2 Per Carton
- **WJ729-1** - 7 3/4" OD x 2 5/8" Bottom ID x Threaded Cap 3" NPT Top ID, 29 1/8" Ht., 1 µm, Single Pleat, Connection - Standpipe, 2 Per Carton
- **WJ829-0.35** - 7 3/4" OD x 2 5/8" x 28 3/8" Ht., 0.35 µm, Single Pleat, Connection - Standpipe, 2 Per Carton
- **WJ829-1** - 7 3/4" OD x 2 5/8" x 28 3/8" Ht., 1 µm, Single Pleat, Connection - Standpipe, 2 Per Carton
- **DIFFERENTIAL COLLAPSE STRENGTH** - 50 psi
- **TEMPERATURE** - 225°F (107° C)

## APPLICATIONS

- OMAX waterjet systems that use cartridge vessels
- Ebbco Closed Loop Waterjet Systems
- Flow units that use Ebbco CLS systems
- AKS Closed Loop Systems for Water-Kut X2, X3, X4
- Mitsubishi - MWX3-612, MWX4-612, DS510, DX510, Evolution-X5, Suprema
- Jet Edge – X-3, X-5, X-3-HR, X-5-HR, Jetstart 510A, 510A5

## REPLACES PART NUMBERS:

- **Threaded Caps** (DF Part # - WJ729-):
  - Ebbco HR-930-Q.35 (Threaded Top), CSD Part# -829B.35, Omax Part # - 201348, MCLR Part # 829.35
- **DOE Flat Standpipe Caps** (DF Part # - WJ829-):
  - OMAX Part # - 206954, MCLR Part # 728.35



WJ729



WJ829

Part # 0.35 Micron	Part # 0.5 Micron	Part # 1 Micron	ID - TOP	ID - BOTTOM	OD	Height
WJ729-0.35	WJ729-0.5	WJ729-1	3" NPT (76 MM)	2 5/8" (67 MM)	7 3/4" (178 MM)	29 1/8" (740 MM)
WJ829-0.35	WJ829-0.5	WJ829-1	2 5/8" (67 MM)	2 5/8" (67 MM)	7 3/4" (178 MM)	28 3/8" (721 MM)