

Hilco Coreless Cartridges



The new Hilco “Coreless” Cartridges utilize a vessel with an integral center support or an adapter that eliminates the need for the cartridge to have a built-in center core to support the element against differential pressure. This cartridge and vessel combination are designed to balance hydraulic forces, preventing the cartridge from being crushed or deformed at differentiated pressures as high as 100 psid.



Coreless Element with Adapter

Coreless Cartridges Cut Costs

Costs are cut in the following ways:

- ✱ Initial costs of the cartridge are reduced by not having a built-in metal center core
- ✱ Fluid costs are reduced because fluid life is maximized through the use of high-efficiency filtration and long element life
- ✱ Disposal costs of used cartridges are minimized

Benefits of Coreless Cartridges

- ✱ Environmentally conscious product
- ✱ Easy and economical disposal
- ✱ Spent cartridge easily crushed or squeezed
- ✱ Disposal weight reductions of 50%
- ✱ Cost effective: eliminates need to throw away a non-incineratable metal core



720 Duplex Filter Housing with Transfer Valve



830 Filter Housing

The Coreless Lineup

PH720-CGW minimizes disposal and purchase costs through the use of a reusable adapter that fits standard PH720/739 housings. Large savings are made when purchase specifications require the use of stainless steel in the metal components so that expensive center cores are not being discarded with each cartridge change.

PH830-CGW and **PH818-CGW** cartridges were developed for those applications where a single large cartridge is preferred over multiple smaller ones, allowing a smaller and more compact vessel. The vessel with an integral cartridge support post eliminates the requirement for a large-diameter, heavy, expensive center-core cartridge. Cartridges are rated for a maximum 100 PSID with a recommended change-out pressure of 25 PSID.

The coreless cartridge line features a full range of media efficiencies to best match the filtration to the application. Available in 99.5% efficiency, $B_x > 200$ @ 1, 3, 11, 15, 25, and 41 micrometers. The synthetic media is fully supported on both sides to maintain pleat integrity under all conditions.

Cartridge	Data Sheet	Dimensions in inches	Weight in Lbs.	Qty. per Carton
PH720-CGW	DD-700-106	7 x 19	4	4
PH818-CGW	DD-700-108	9 x 18	6	1
PH830-CGW	DD-700-109	9 x 30	6	1

Media Available in Coreless Cartridges						
Media #	16	12	11	01	03	05
$B_x > 200$ @ particle size in micrometers	1	3	11	15	25	41

The Hilliard Corporation reserves the right to change specifications and dimensions at any time. Please contact the factory for the most current information.

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