



Model  
HDQPAK

## Coalescing Media

**The HDQPAK, Coalescing Media Systems provide high performance oils and fuels separation in a compact, high surface area design.**

The HDQPAK coalescing media systems are designed to remove non-emulsified, free & dispersed oils and fuels from water.

HDQPAK is a standard feature of our high performance oil water separators and are also offered for replacement or retrofitting of existing tanks to improve performance and increase flow rates.

Removal efficiencies have been as low as <1 mg/L down to non-detect.

Typical, regular performance is in the 3-10 mg/L range depending on wastestream characteristics.

Pan America Environmental can provide review of your existing tank to replace existing media or engineer the fitting of HDQPAK into a tank for the first time via modifications to optimize tank design for the best oil separation environment.

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### **Features Include:**

- ◆ Grid surface design
- ◆ High surface area per Ft<sup>3</sup>
- ◆ Long lasting Polypropylene construction
- ◆ Solids settling/clearing design
- ◆ 1/4" plate spacing
- ◆ 212° F Temperature resistance
- ◆ 132 Ft/Ft<sup>3</sup>
- ◆ 7.5 Lbs/Ft<sup>3</sup>
- ◆ 12" X 12" X 12" piece dimensions

### **Options:**

- ◆ Stainless steel (304/316) media frame sets
- ◆ Custom media pack systems
- ◆ Retpak secondary coalescing media

Horizontal flow through the HDQPAK will be cross-flow perpendicular to the vertical media exposing all 132 ft<sup>2</sup>/ft<sup>3</sup> for contact with rising free oils. The HDQ surfaces will be pointing upward so as to be available for contact with the rising oil droplets in the cross-flowing oily water. HDQ will have a minimum of 87% void volume to facilitate removal of sludge and dirt particles as they fall off the vertical elements and settle in the OWS sludge collection compartment. The media when installed in a cross-flow OWS will meet US EPA Method 413.2 and European Standard EN 858-1 for oil water separators.



[www.oil-separator-media.com](http://www.oil-separator-media.com)

