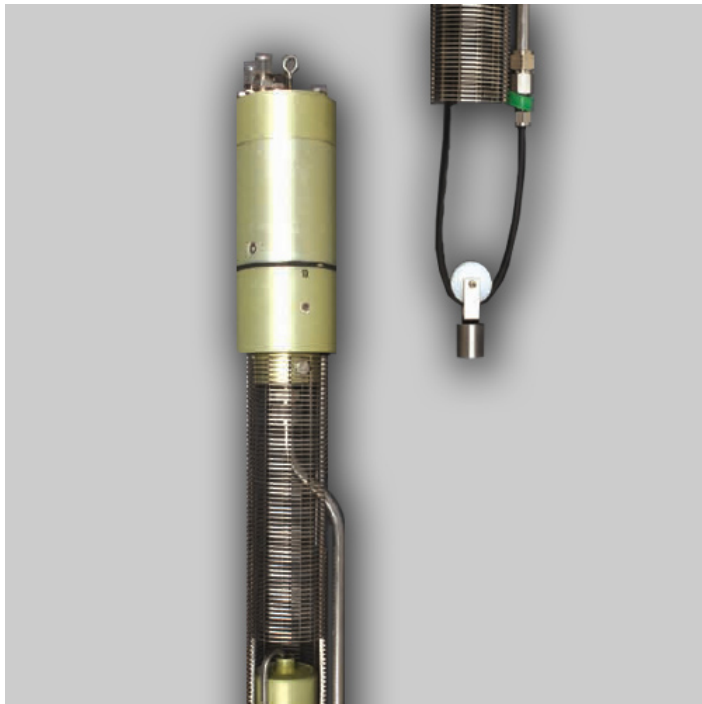


<http://www.cornelsen.co.uk/Products/Active-LNAPL-Skimming/Xitech-Skimmer-Products/Xitech-High-Performance-Skimmers.html>

PRODUCT CODE: ADJ1010 / ADJ 1015 / ADJ210 / ADJ215

Xitech High Performance Skimmers



All-in-one pump and skimmer assembly for 2" and 4" wells suitable for high temperature and more viscous oils.

BENEFITS

- Compact all in one design;
- Resistant to 100 oC;
- Capable of pumping more viscous heavier oils (see finger heater accessory)
- High chemical resistance;
- Custom designed, adjustable ballast float;
- Integral, mechanical high water plug device

OPERATION

The High Performance Skimmer pumps incorporate a density float and a hydrophobic filter through which only LNAPL will pass. For higher temperature requirements or more viscous oils, a modified "snorkel" inlet is used instead of the hydrophobic filter. This will leave circa 30mm of LNAPL in the well.

The float and filter assembly is installed within a wire wrap stainless steel screen within which the float can rise and fall freely with changes in the water level. The integral pump head is fitted to the top of the screen and pumps recovered LNAPL from the filter via a flexible heat resistant tube connected to the base of the filter. This tube hangs below the skimmer assembly to facilitate freedom of travel. The pump operates by means of a single diaphragm.

REMEDICATION APPLICATIONS

Similar to the Economy skimmers, the High Performance Skimmers are more chemically resistant and capable of resisting high temperature. The High Performance Skimmer should be selected for heavier more resistant oils.

Tech Tip

Remember, as LNAPL is removed, the water level rebounds UP. Position the middle of the tracking range at the TOP of the LNAPL layer. As the product is removed, the product/water interface will rise to this level.

Flow Rate:	up to 90 l/min
Air Consumption:	0.5 cfm (14 l/min) @ 125 psi (8.5 bar)
Tracking Range:	750mm (1500mm for extended travel version)
Air Quality:	Dry air, 5-10 microns
Maximum Depth:	60 metres
Model ADJ1010L (light oils)	
Skimmer Float Travel:	600mm
Size (Dia. x Length)	87.5mm x 1200mm
Weight:	7.5 Kg
Model ADJ1015L (Extended Travel light oils)	
Skimmer Float Travel:	1500mm
Size:	87.5mm x 2100mm
Weight:	9.25 Kg
Model ADJ1010H (heavy oils)	
Skimmer Float Travel:	600mm
Size (Dia. x Length)	87.5mm x 1200mm
Weight:	7.5 Kg
Model ADJ1015H (Extended Travel heavy oils)	
Skimmer Float Travel:	1500mm
Size:	87.5mm x 2100mm
Weight:	9.25 Kg
Model ADJ210	
Skimmer Float Travel:	600mm
Size:	45mm x 1275mm
Weight:	3.5 lb
Model ADJ215 (Extended Travel)	
Skimmer Float Travel:	750mm
Size:	87.5mm x 2350mm
Weight:	4.4 lb