

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

PRODUCT CODE: ADJ1000 / ADJ 1005 / ADJ200 / ADJ205

Xitech Economy Skimmers



All-in-one pump and skimmer assembly for 2" and 4" wells.

BENEFITS

- Compact all in one design;
- Integral, mechanical high water plug device

OPERATION

The economy skimmer incorporates a density float and a hydrophobic filter through which only LNAPL will pass. The filter has an overflow for enhanced product recovery rates where the product thickness exceeds the height of the filter.

The float and filter assembly is installed within a PVC 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 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

Can remove light LNAPLs such as Petrol/Gasoline, diesel, fuel oil, home heating oil, jet fuels, aviation fuel

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 ADJ1000	
Skimmer Float Travel:	750mm
Size (Dia. x Length):	87.5mm x 1200mm
Weight:	4.9 Kg
Model ADJ1005 (extended travel)	
Skimmer Float Travel:	1500mm
Size:	87.5mm x 2100mm
Weight:	6.6 Kg
Model ADJ200	
Skimmer Float Travel:	750mm
Size:	45mm x 2100mm
Weight:	6.6 Kg
Model ADJ205 (extended travel)	
Skimmer Float Travel:	1500mm
Size:	45mm x 2100mm
Weight:	6.6 Kg