



Filters

2014

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Over the following pages we present our range of filters. They are available as food grade and lower-cost non-food grades. These filters make use of filter aid such as cellulose, diatomaceous earth, perlite etc. so that oil from the press can be filtered instantly without the need for settling. Different grades of cloth are available to match different applications.

These filters are ideal for producing high quality cold pressed oils but can also be used for making technical oils such as cosmetics, lubricants or recycled cooking oil products etc.

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Understanding the model numbers:

KKF 470 / 15 - 3

Size of plates mm / number of plates – operating pressure in bar

## Chamber filter press KKF200/10-2



|                                 |  |
|---------------------------------|--|
| <b>Filter plates:</b>           | 200x200mm (approx. 9 inch square)<br>Stainless end plates with food grade Polypropylene mid plates   |
| <b>Number of filter plates:</b> | 10   |
| <b>Filter surface area:</b>     | 0,64 sqm (approx. 7 sqft)  |
| <b>Chamber volume:</b>          | ca. 6 l (approx.1.5 gallons)   |
| <b>Pump:</b>                    | Eccentric screw pump max 0,3 m <sup>3</sup> /h,  |
| <b>Locking mechanism:</b>       | Mechanical screw   |
| <b>Police filter:</b>           | Filter cartridge 20", 1µm nominal, in clear filter housing   |
| <b>Other points:</b>            | Food grade filter. Includes pressure control, electric wiring, filter plates fitted with reusable vegetable oil-specific cloth filter bags. 3 phase or single phase. |
| <b>Option:</b>                  | Safety equipment (pump switches off automatically after set period, automatic overflow switch-off)   |
| <b>Price:</b>                   | Approx. £3,350 delivered to UK address   |

## Chamber filter press KKF350/10-2



|                                |  |
|--------------------------------|--|
| <b>Filter plates:</b>          | 350x350mm (approx. 14 inch square)<br>Stainless end plates with food grade Polypropylene mid plates<br>(not stainless for non-food grade filter)   |
| <b>Number of filterplates:</b> | 10 (5 extra plates can be added to maximum of 15 plates)   |
| <b>Filter surface area:</b>    | 2,3 sqm (approx. 20 sqft)<br>Can be increased to 3,5 sqm (approx. 30sqft)  |
| <b>Chamber volume:</b>         | ca. 30l (approx. 7.5 gallons)<br>Can be increased to 45l (approx. 11 gallons)  |
| <b>Pump:</b>                   | Eccentric screw pump 600 l/h   |
| <b>Working pressure:</b>       | 2 bar (30 psi)   |
| <b>Locking mechanism:</b>      | Mechanical screw   |
| <b>Police filter:</b>          | Filter cartridge 20", 1µm nominal, in clear filter housing<br>Pressure valve optional.   |
| <b>Other points:</b>           | Includes residue tray, Pressure control, Electrical wiring, 3 phase or single phase. Filter plates fitted with reusable vegetable oil-specific cloth filter bags, Safety equipment (pump switches off automatically after set period, automatic overflow switch-off) |
| <b>Price:</b>                  | Food grade: Approx. £5,700 delivered to UK address<br><br>Not food grade: Approx. £4,900 delivered to UK address   |

## Chamber filter press KKF470/10-3



|                                |  |
|--------------------------------|--|
| <b>Filter plates:</b>          | 470x470mm (approx. 18 inch square)   |
| <b>Number of filterplates:</b> | 10 (can be increased to 15)  |
| <b>Filter surface area:</b>    | 3,9 sqm (approx. 40sqft)<br>Can be increased to 6 sqm (60sqft)   |
| <b>Chamber volume:</b>         | ca. 40l (10 gallons) Can be increased to 60l (15gallons)   |
| <b>Pump:</b>                   | Eccentric screw pump 600 l/h   |
| <b>Working pressure:</b>       | 3 bar (45psi)  |
| <b>Locking mechanism:</b>      | Mechanical screw   |
| <b>Police filter:</b>          | 20" candle filter, 1µm nominal, in clear bowl cartridge filter   |
| <b>Other points:</b>           | Includes residue tray, Pressure control, Electrical wiring, 3 phase or single phase, Filter plates fitted with reusable vegetable oil-specific cloth filter bags, Safety equipment (pump switches off automatically after set period, automatic overflow switch-off) |
| <b>Price:</b>                  | Food grade: Approx. £7,900 delivered to UK address<br><i>Not food grade: Approx. £7,100 delivered to UK address</i>  |

## Chamber filter presses KKF470/15-6 – KKF630/20-6



|                                 | KKF470/15-6   | KKF630/20-6   |
|---------------------------------|---|---|
| <b>Filter plates:</b>           | 470x470mm made of HDPP<br>(18 inch square)  | 630x630mm made of HDPP<br>(25 inch square)  |
| <b>Number of filter plates:</b> | 15 (can be increased to 30)   | 20 (can be increased to 55)   |
| <b>Filter surface area:</b>     | 6,3sqm (60 sqft)<br>Can be increased to 13 sqm (120 sqft)   | 13m <sup>3</sup> (120 sqft)<br>Can be increased to 35sqm (300 sqft)   |
| <b>Chamber volume:</b>          | ca. 60l (15 gallons)<br>Can be increased to 120l (30 gallons)   | ca. 162l (40 gallons)<br>Can be increased to 445l (110 gals)  |
| <b>Pump:</b>                    | Eccentric screw pump<br>(1,2m <sup>2</sup> /h)  | Eccentric screw pump<br>(2,4m <sup>2</sup> /h)  |
| <b>Working pressure:</b>        | 6 bar (90psi)   |   |
| <b>Locking mechanism:</b>       | hydraulic high-pressure lock  |   |
| <b>Police filter:</b>           | 20" candle filter, 1µm nominal,   | Fine filter case Gr. 2 (0.5m <sup>2</sup> ), 1µm nominal, for 4 different fine filter bags and fine filter inserts        |
| <b>Other points:</b>            | Includes residue tray, Pressure control, Electrical wiring, Parts coming into contact with the product are made of either stainless steel or plastic, Filter plates fitted with reusable vegetable oil-specific cloth filter bags, 3 phase or single phase, Safety equipment (pump switches off automatically after set period) |   |
| <b>Price:</b>                   | Food grade: Approx. £12,650 delivered to UK address<br><br><i>Not food grade: Approx. £11,900 delivered to UK address</i>   | Food grade: Approx. £20,800 delivered to UK address<br><br><i>Not food grade: Approx. £19,900 delivered to UK address</i> |