

Hall Pyke



Depth Pre Filtration

CTG KleanChange

The SMART choice for filtration

CTG KleanChange

Sealed cartridge system eliminating cleaning time associated with standard installations. The CTG system is designed to minimize operator exposure, cleaning times, improve housekeeping (dripping paint etc) and provide ease of use. The filters can be capped and reused where the line is to be used on a different product.

The CTG-Klean System Advantage:

CTG-Klean system is a new way to reduce the labour costs and environmental/worker hazards of a filter change-out. The environmentally sealed cartridge system eliminates the cleaning time associated with standard filter and housing combinations and the hazards of handling both used filters and cleaning solvents. The system is available in a variety of configurations for the most efficient filtration. Since the CTG-Klean system is self contained, all gaskets and seals can be eliminated, further reducing overall costs.

Features & Benefits

- **Totally enclosed system**
Eliminates handling of used cartridges and cleaning of housings
- **New clamp closure system**
No tool needed
- **No parts subject to wear compatibility issues, e.g. gaskets**
Easy to use
Reduces costs
- **Cartridge filter pack is replaced easily and quickly**
Reduction of down time.
Reduces air pollution
Preserves the health of operators (free from solvent inhalation)
- **System can be equipped with most of the standard 3M Purification cartridges**
Flexibility for a wide variety of applications
- **Cartridges are preassembled in the pack**
Security and quality assurance
- **Inlet and outlet connections have different threads**
Avoids mistakes during change-outs

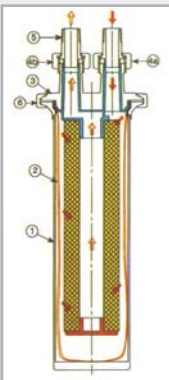
Construction

The CTG-Klean system consists of a pack composed of five features:

- A double layer liner in polyethylene (in red on the scheme).
- A retaining ring in polyamide (in green on the scheme).
- A system head in polypropylene (in blue on the scheme).
- An end cap in polypropylene (in orange on the scheme).
- 3M Purification cartridges (in yellow on the scheme).

This pack is installed into a special housing. These WT housings are constructed from 304 stainless steel and have a maximum pressure rating design of 10 bar g and can be used in temperatures up to 90 °C.

The Liquid Flow Principle



| No | PARTS | MATERIAL | NB |
|----|----------------------|--------------|----|
| 1 | Sump | 304L St.St. | 1 |
| 2 | CTG-Klean Pack | Polyethylene | 1 |
| 3 | Cover | 304L St.St. | 1 |
| 4a | Inlet cone ring nut | Brass** | 1 |
| 4b | Outlet cone ring nut | Brass** | 1 |
| 5 | Cone thread | 304L St.St.* | 2 |
| 6 | Clamp closing | 304 St.St. | 1 |

*PVDF optional **S.S. optional



| Features | Product Attributes | |
|----------|--------------------|--|
| | RR | 0.2 to 190µ |
| | MT | 80 °C |
| | MoC | Multi layer polyethylene liner, filter on request. |
| | MDP | 3.4bar @20 °C |
| | Brand | 3M |
| | | |

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