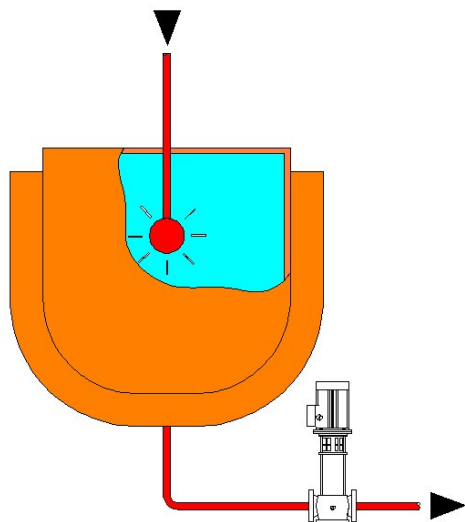




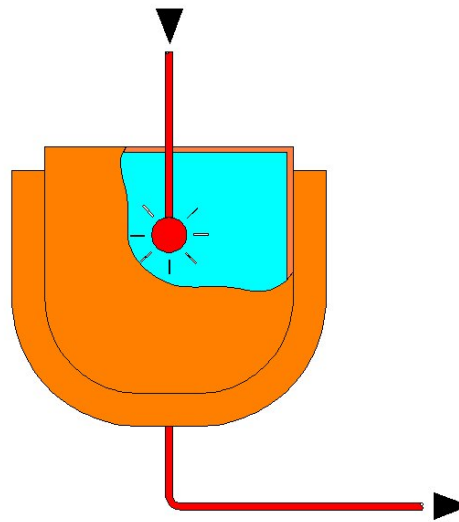
## DryScavenge™ - a range of Highly Efficient CIP Scavenge Systems

DryScavenge™ technology offers superior scavenging for any Cleaning In Place (CIP) duty. Using vacuum technology, it offers numerous advantages over traditional methods and can be supplied with new CIP Systems or retro-fitted to existing CIP Systems.

Traditional CIP Using Scavenge Pump



DryScavenge™ CIP with no Scavenge Pump



## Innovative Cleaning and Process Systems

### Principles

The DryScavenge™ principle is to achieve CIP scavenge by 'vacuuming' the liquid rather than pumping it.

### Module

The DryScavenge™ is supplied in modular form as self contained units either fitted into an enclosure or skid mounted. They are designed for remote scavenging liquids

### Location

The DryScavenge™ can be located up to 6 metres above the point of scavenge.

### Installation

Select a location for the DryScavenge™ and extend solid pipework or hoses from the module to the equipment.

### Operation

Connect the DryScavenge™ to the outlet of the equipment being cleaned and turn it on as if it were a scavenge pump.

### Results

The DryScavenge™ reduces the energy, water, effluent and chemical usage by improving efficiency and also reduces the CIP cycle time.

### Features

- 316 Stainless Steel Hygienic Construction
- EHEDG (Food) or BPE (Pharmaceutical) standards
- Self contained in enclosure or skid mounted
- Pre-piped, pre-wired and pre-tested
- In-built control systems
- Built to relevant standards
- CE Marked
- Simple, robust operation

### Advantages over Scavenge Pumps

- Less CIP liquid used as no build up, resulting in:
  - less energy used
  - less water consumption
  - less effluent generation
  - less chemical used
- Reduced times
- Remove problems of pumps air-locking
- Enables CIP with 'truly' empty vessels and eliminate pooling and scum lines
- Removes scavenge pumps from production areas
- Removes pump noise from production areas
- Will accept low NPSH figures
- Can scavenge from multiple locations, thereby saving multiple scavenge pumps

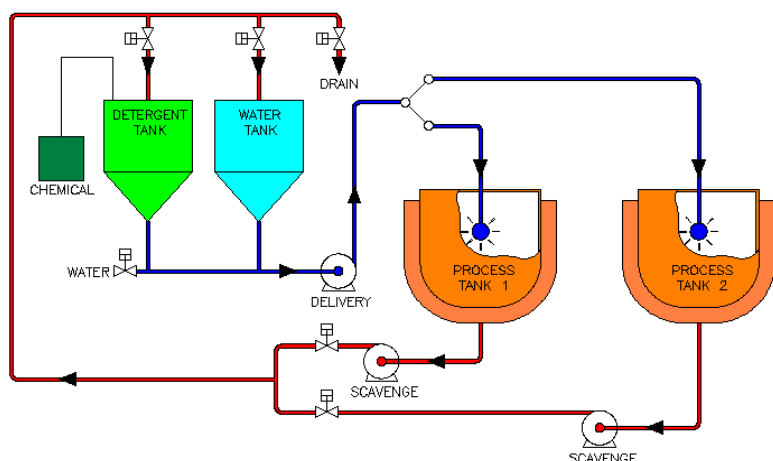


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### Traditional CIP Diagram

Typical CIP System cleaning two process vessels using two scavenge pumps

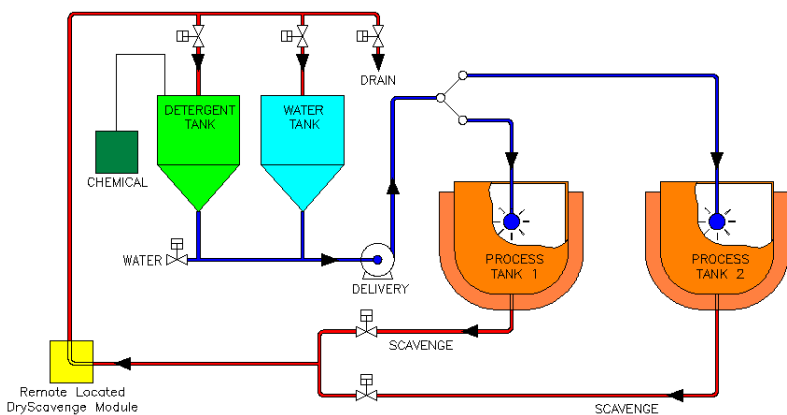


### Notes

Two scavenge pumps used located close to each tank outlet, possibly causing obstructions, noise, space limitations  
Liquid ring type preferred or local air vent  
Local automatic drain valve or pump permanently filled with water  
Liquid required to prime the pumps  
Wiring to each pump needed  
Control of each pump

### DryScavenge™ CIP Diagram

Typical CIP System cleaning two process vessels using DryScavenge™



### Notes

No scavenge pumps used  
No production space taken up  
No noise limitations  
No wiring  
No control  
No local air vented  
No water retention  
No possible pump air locking  
No liquid in process tanks required to prime pumps

### Versions Available

- Static or mobile.
- Manual or automatic.
- Fitted in an enclosure or skid mounted.
- Food grade or Pharmaceutical.
- Safe area or ATEX.
- 230 or 440 Vac
- With or without in-built control system
- For new CIP or retrofitted to existing system
- Supply only or design and development included

### To Enquire

- Contact us
- Download an enquiry form from our website
- Send a sketch, drawing or sketch
- Request a site visit