AXEON

CIP – Series Clean–In–Place Systems

AXEON Clean–In–Place Systems (CIP) are mobile skids used for cleaning membranes without removing them from the reverse osmosis system. The CIP systems are designed to be easily integrated with any of the AXEON X – Series or M – Series reverse osmosis models. However, these CIP systems are also engineered as standalone systems that are compatible with any manufacturer's membrane system.

AXEON Clean–In–Place Systems vary in size according to the number of membrane vessels that are to be cleaned in parallel, which is determined by the number of vessels in the first stage of the reverse osmosis skid. A centrifugal pump provides the recirculation flow and pressure recommended by the membrane manufacturer. A built–in recycle loop allows for mixing of cleaning agents prior to use and tank level switches to protect the pump. Options include an immersion heater and a pH monitor.

CIP – 100
Clean–In–Place System

AXEON also offers the C – Series Membrane Cleaners for use with **AXEON Clean–In–Place Systems**. The C – Series Cleaners are compatible with all brands of reverse osmosis, nanofiltration and ultrafiltration membranes.

Features

- On / Off Switch
- AXEON by Pall – Series Bag Filter Housing
- AXEON 10 – Micron Sediment Bag Filter
- AXEON 316L Stainless Steel Pressure Gauges
- SCH 80 PVC Piping with Unions
- Mixing Loop with Valve
- Solution Tank (Polyethylene)
- Tank Level Switches
- Temperature Gauge
- AXEON Flow Meter
- 316L Stainless Steel Pump with TEFC Motor
- Hose Kit
- Caster Wheels

Options

- Stainless Steel Immersion Heater
- pH Monitor

Product Specifications

Cleaning System Model	Inlet Outlet (in)	Tank Size (gal / ltr)	Flow Rate (gpm / lpm)	Motor (HP)	Approximate Dimensions* L x W x H (in / cm)	Weight (lb / kg)
CIP – 20	1.00	50 / 189	20 / 75.70	2	42 x 27 x 55 / 107 x 69 x 140	300 / 136
CIP – 40	1.50	100 / 378	40 / 151.40	2	62 x 35 x 65 / 158 x 89 x 165	550 / 249
CIP – 60	2.00	200 / 757	60 / 227.12	5	64 x 40 x 73 / 163 x 102 x 185	600 / 272
CIP – 100	2.00	200 / 757	100 / 378.54	7.5	64 x 40 x 73 / 163 x 102 x 185	650 / 295

* Does not include operating space requirements.

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