

9 Resolve problems with water quality

Resource
consumption cut

Productivity UP

For Recirculating System Piping

Added Value UP

Is scale buildup reducing your production efficiency?
Ensure reliable molds by controlling water quality!

Ion Exchanger Water Softener with Filter

Overview

Water softener consisting of a filter to remove suspended substances that cause corrosion to progress, and an ion exchanger with filter to remove scale deposits. Ensures reliable production and helps extend the operating life of cooling lines.



[preCLEAR]

6 months use in an
ordinary environment



Hardness 220 mg/L

2 days after
preCLEAR installation



Hardness 0 mg/L

Features

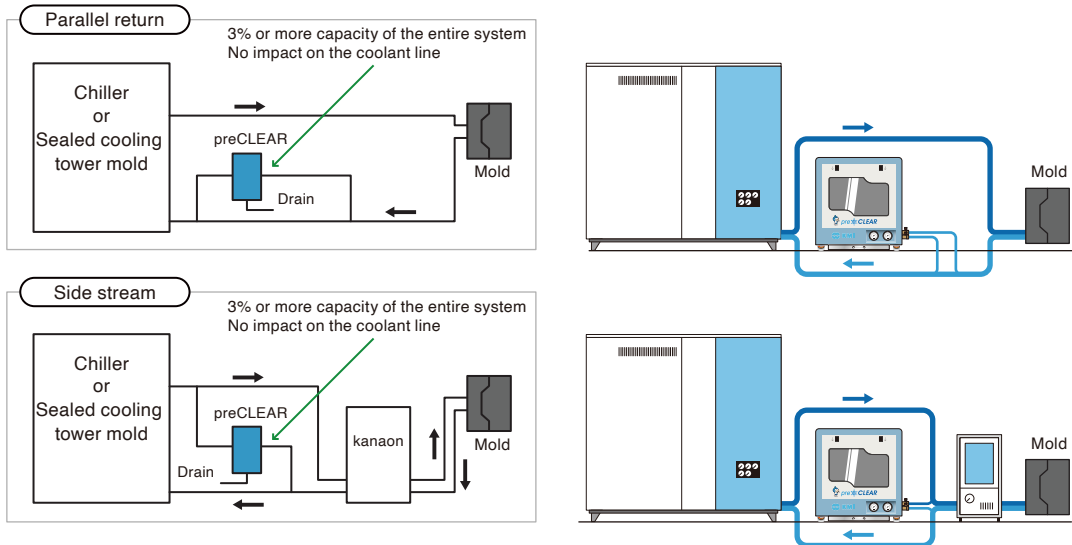
- No power supply needed! No salt or chemicals needed! Easy installation!
- Operates by simply adding to existing lines.
- Filter removes suspended substances.
- Prevents buildup of scale.
- The filter and ion exchange resin are cartridge types, which makes replacement so easy!

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Productivity UP

• Example of preCLEAR connection

<Connects to lines of recirculating systems (chillers, sealed cooling towers)>



• preCLEAR specifications

Operating temperature range		MAX 45°C
Operating flow rate, pressure		MAX 30 L/min, 0.5 Mpa or less
Filter	Primary	50μm
	Secondary	25μm
	Tertiary	Ion exchange cartridge (ion exchange resin 1.8 L)
Connection diameter		20 A (with stop valve)
Unit dimensions		825 mm (H) x 805 mm (W) x 315 mm (D)



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factor4
in molding factories

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Halving Resource Use

Matsui, your Plastic molding partner for resource reduction, propose to achieve 'factor 4' in molding factories.

We aim to increase productivity by 4 times by achieving the following, 'Save Water', 'Save Resin's and 'save Energy'.

If you are looking for a best solution...

factor4 solutions

