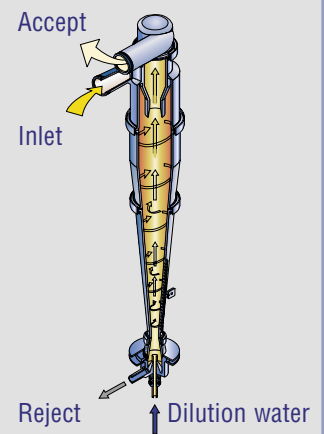


Centrifugal Cleaning HiClean™ HCL5 (EcoMizer™)



Your requirements

Remove heavy contaminants from stock suspension during stock preparation and wet-end processes.

- High efficiency
- Low energy demand
- Maximum reliability
- Ideal match to the properties

Our solutions

- Strong centrifugal forces enable more efficient cleaning.
- Stock consistencies up to 3 % possible because of flow-optimized headpiece and smooth inner surfaces.
- The EcoMizer™ provides superior reliability at the highest stock consistencies because of our patented rejects dilution.
- Availability of nylon cones or wear-resistant ceramic cones lets you choose the best design for your contaminant levels.

Your benefits

- Improved Product quality because of low contaminant levels in the accepts
- High inlet stock consistency lessens specific energy demand – hence fewer units and lower investment costs
- Minimal fiber losses, because of the high concentration of contaminants in the rejects
- EcoMizer™ rejects dilution minimizes energy loss – and maximizes operational reliability
- EcoMizer™ rejects dilution minimizes pulsation, sustaining sheet quality
- Nylon or ceramic cones permit optimal match of wear parts to stock properties

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Technical data

Type	HCL5-I		
Application	All stages		
Maximum allowed pressure [psi]	58	[bar]	4
Maximum allowed temperature [°F]	158	[°C]	70
Nominal pressure drop (Inlet – Outlet) [psi]	23 / 29	[bar]	1.6 / 2.0
Nominal inlet volume flow [gpm]	87 / 127	[l/min]	435 / 480
Minimum accept pressure [psi]	0.145	[bar]	0.1
Maximum inlet stock consistency [%]	≤ 3	[%]	≤ 3
Dilution water volume flow [gpm]	8 to 16	[l/min]	30 to 60