



Lose the freshwater. Gain the fresh savings.

Increase retention aid performance and sustainability with the Chemiductor Injection System from Buckman.

Now there's a more efficient polymer feed system that utilizes mill process water instead of freshwater for dilution. The Chemiductor from Buckman. Not only does it save precious water resources, energy and cost, it uses advanced injection technology to achieve a polymer concentration and mixing velocity not possible with a conventional ring header system. The result is greater productivity, profitability and sustainability.

Why not take your retention aid program to the next level with the Buckman Chemiductor? And let Buckman take the benefits of superior application technology right to your bottom line.

The Buckman Chemiductor conducts polymer chemistry better.

Reduce freshwater usage.

Increase machine performance.

The Buckman Chemiductor allows you to effectively apply polymer post-screen, providing proper mixing velocity while reducing feed pump back pressure. But that's just the beginning. The Buckman Chemiductor can bring a whole new world of operational performance and profitability to your mill.

Save water.

Because the Buckman Chemiductor utilizes white water, a mill using 200 US gallons (757 liters) per minute for polymer dilution can expect to save as much as 100 million US gallons (378.5 million liters) of fresh water annually.

Save polymer.

By switching polymer application points from pre-screen to post-screen, your mill can improve polymer efficiency by 20% to 30%.

Save energy.

Because mill process water is already warm, an operation using 200 US gallons (757 liters) per minute can expect to save as much as \$240,000 USD per year in energy costs. This savings can result in valuable carbon credits.

Increase additive efficiency.

When using Buckman Chemiductor, mills have been able to decrease usage of fiber, filler and/or other additives.

Reduce treatment costs.

Your mill will save money on influent and effluent treatment costs because the Buckman Chemiductor eliminates freshwater usage.

Learn more.

Your Buckman representative can help you determine the number and size of Buckman Chemiductor units needed for your operation, based on polymer feed and water requirements. To find out more about ROI, contact your Buckman representative or visit buckman.com.



**Annual Energy Savings (US \$) per 100 US gpm (378.5 liters/min) post dilution water replaced
Incremental BTU cost (\$/million)**

	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Temperature difference Deg. F														
10	20k	24k	28k	32k	36k	40k	44k	48k	52k	56k	60k	64k	68k	72k
20	40k	48k	56k	64k	72k	80k	88k	96k	104k	112k	120k	128k	136k	144k
30	60k	72k	84k	96k	108k	120k	132k	144k	156k	168k	180k	192k	204k	216k
40	80k	96k	112k	128k	144k	160k	176k	192k	208k	224k	240k	256k	272k	288k
50	100k	120k	140k	160k	180k	200k	220k	240k	260k	280k	300k	320k	340k	360k
60	120k	144k	168k	192k	216k	240k	264k	288k	312k	336k	360k	384k	408k	432k
70	140k	168k	196k	224k	252k	280k	308k	336k	364k	392k	420k	448k	476k	504k
80	160k	192k	224k	256k	288k	320k	352k	384k	416k	448k	480k	512k	544k	576k

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Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE**. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. A1040H (01/19)

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