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**VALVE SOLUTIONS FOR**  
**LITHIUM MINING**  
GLOBAL SPECIFICATIONS



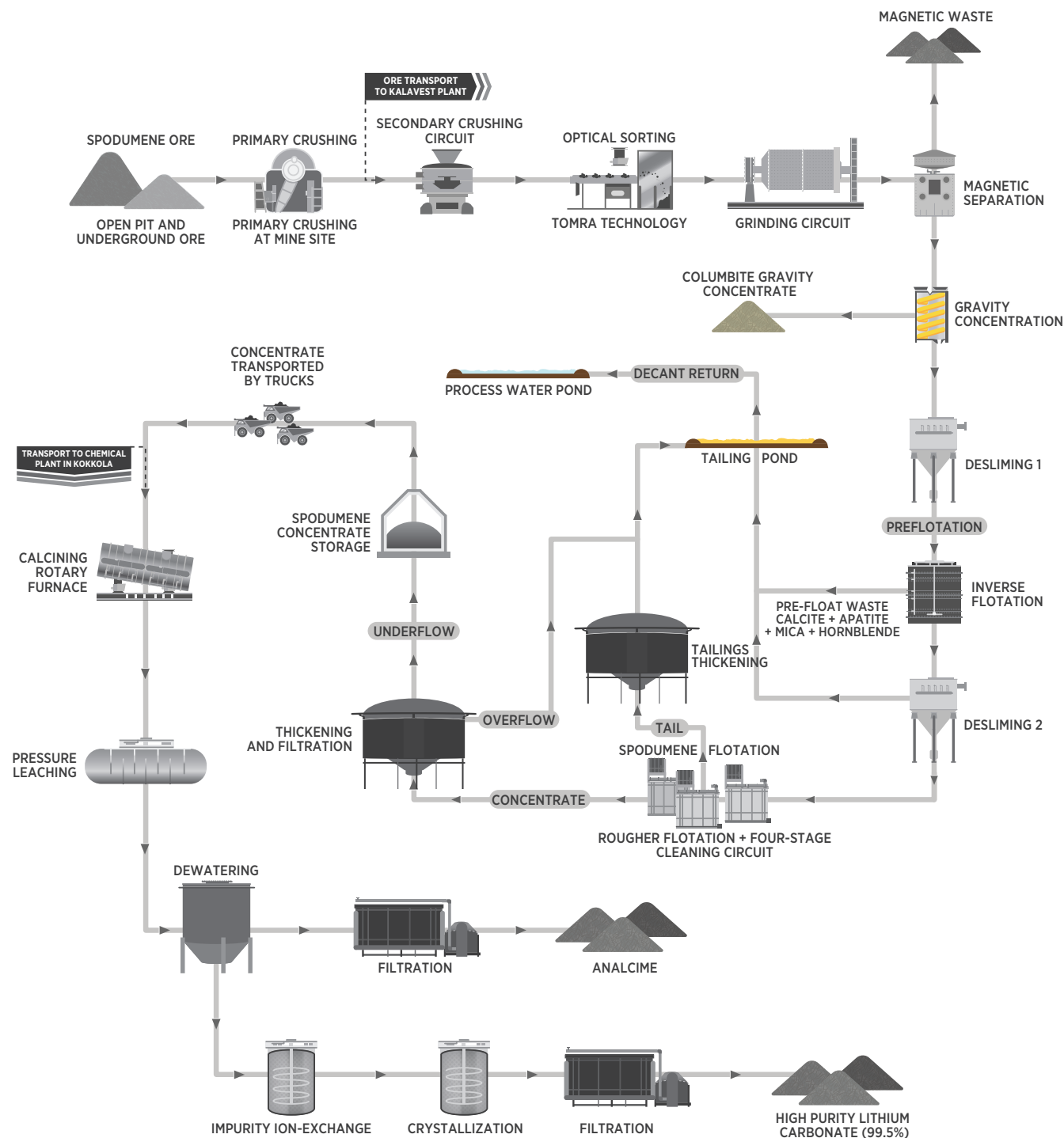
**MINING - LITHIUM HARD ROCK**

Bray, is a leading provider of high-quality valves for every stage of hard rock lithium mining and processing operations. We offer a comprehensive range of valves designed to maximize productivity, empowering you to streamline your mining and processing operations.

For more product information and downloads, visit [BRAY.COM](http://BRAY.COM).

PRODUCT	BRAND	TYPE	MODEL	PROCESS												
				GRINDING CIRCUIT (CRUSHING, MILLING, SCRUBBING & HYDROCYCLONES)	THICKENING OVERFLOW	THICKENING UNDERFLOW	"SULPHURIC ACID PLANT, PROCESS FEED & RECOVERY"	LEACHING PROCESS	NEUTRALIZATION & FILTRATION	REFINING & IMPURITY REMOVAL	"PROCESS PLANT (PRECIPITATION & ION EXCHANGE)"	WATER RECOVERY & FILTRATION	TAILINGS	BULK HANDLING		
<b>BUTTERFLY VALVES</b>	Amresist	PFA Lined	Acris													
	Bray	PTFE Lined	Series 22/23													
		PFA Lined	Series 24/25													
		High Performance	McCannaLok		■					■						■
		High Performance	Series 41R													
		Resilient Seated	Series 2x, 3x		■	■		■	■		■			■		■
	Triple Offset	Tri Lok								■						
<b>KNIFE GATE VALVES</b>	Bray Slurryshield	Bidirectional	768, 767, 762	■	■	■									■	
	Bray	Bidirectional	746	■	■	■										■
		Bidirectional	740											■		
		Unidirectional	950											■		
		Unidirectional	940 (w/ SS Deflection Cone)											■		
<b>BALL VALVES</b>	Amresist	PFA Lined	Acris				■	■	■	■	■	■	■	■	■	
	Bray / Flow-Tek	Severe Service	Series M1			■	■									■
		Severe Service	Series M4													
		Segmented Ball (On/Off)	Series 19								■			■		
		Flanged (2-piece)	Series F15/F30											■		
		Flanged (1-piece)	Series RF15/RF30													
		Trunnion Mounted	1B													
		3-Piece	Series 7000													
		3-Piece	Triad						■					■		
		Multi-port	MPF/MPT						■							
<b>ROTARY CONTROL VALVES</b>	Bray	High Performance (Metal Seated)	McCannaLok													
		Butterfly (Lined)	Series 39L	■		■	■			■		■		■		
	Flow-Tek	Segmented Ball V-port	Series 19/19L Series F15/F30							■			■		■	
<b>CHECK VALVES</b>	Rite	Swing Check	205													
			210	■			■						■	■		
	SlurryTuff	Air Release / Vacuum Break	EZI-VAC													■
		Check	Tiso-Check													■
		Ball Check	Maxi-Check													■
		Ball Check Isolation	Maxi-Check I													■
<b>ACTUATORS</b>	Bray	Pneumatic Scotch Yoke	Series 98	■	■		■	■		■		■	■	■	■	
		Hydraulic Scotch Yoke	Series 98H												■	
		Electrohydraulic Scotch Yoke	Series 98EH												■	
		Pneumatic Rack & Pinion	Series 92/93	■	■	■	■	■	■	■	■	■	■	■	■	■
		Gear Operator	Series 04, 05	■	■	■								■	■	■
		Electric	Series 70													
	Flow-Tek	Gear Operator	FTG												■	
<b>CONTROL ACCESSORIES</b>	Bray	Positioner	Series 6A/6P	■	■	■	■	■	■	■	■	■	■	■	■	
		Proximity Sensor	Series 54	■	■	■	■	■	■	■	■	■	■	■	■	■
		Valve Status Monitor	Series 5A/5B/5C	■	■	■	■	■	■	■	■	■	■	■	■	■
		Solenoid	Series 60/62/63	■	■	■	■	■	■	■	■	■	■	■	■	■
		Filter Regulator	Series 55	■	■	■	■	■	■	■	■	■	■	■	■	■

**LITHIUM HARD ROCK EXTRACTION PROCESS**



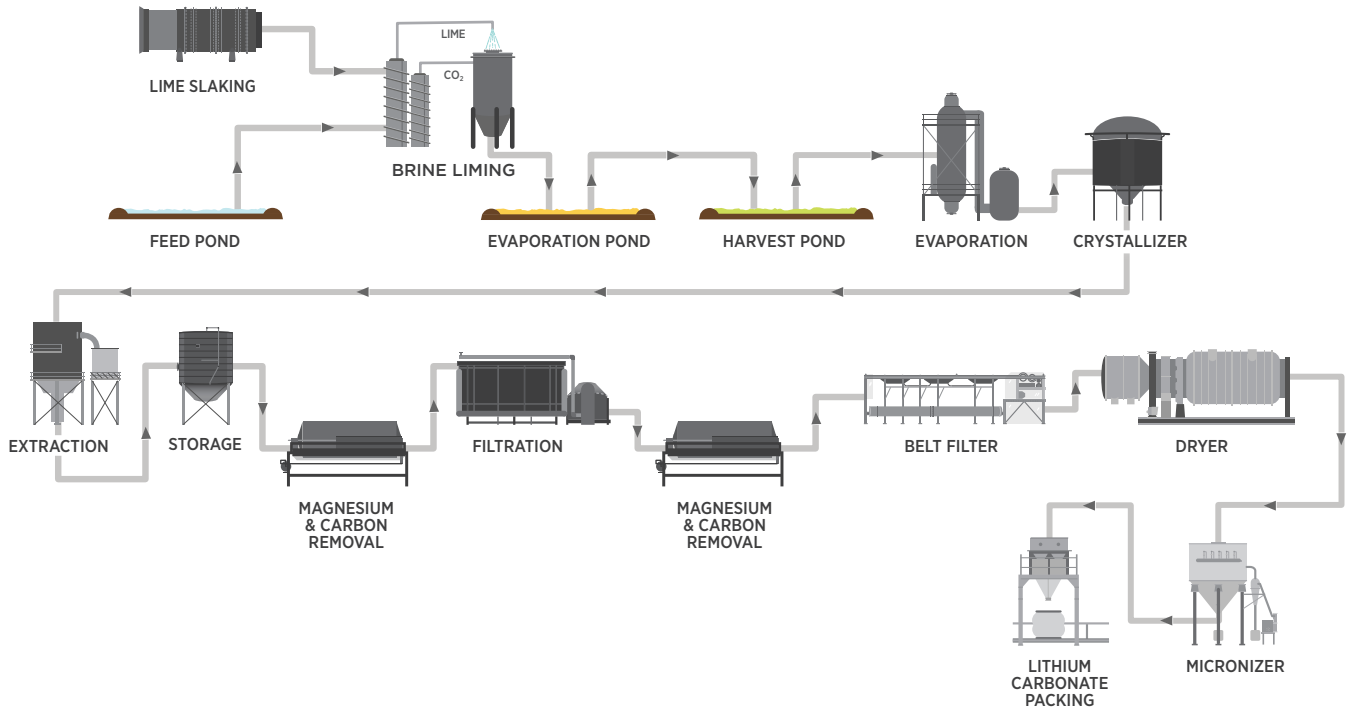
**MINING - LITHIUM BRINE**

Bray is a trusted provider of high-performance valves for Conventional Lithium Brine Extraction and processing. Bray's wide range of valves for brine extraction, filtration, liming, evaporation, and crystallization, are designed to meet the unique demands of corrosive lithium production operations, delivering exceptional performance and longevity.

For more product information and downloads, visit [BRAY.COM](http://BRAY.COM).

PRODUCT	BRAND	TYPE	MODEL	PROCESS											
				PRETREATMENT				PROCESS PLANT			REFINING				
				LIME PLANT	BRINE (EXTRACTION)	EVAPORATION / CONCENTRATION	PRETREATMENT	CHEMICAL PRECIPITATION (LIME)	ELECTROCHEMICAL PRODUCTION	LITHIUM CARBONATE CONVERSION	CHEMICAL TREATMENT / REFINING	DRYING / WATER RECOVERY	BULK HANDLING		
<b>BUTTERFLY VALVES</b>	Amresist	PFA Lined	Acris	■	■	■	■	■	■	■	■	■	■	■	
	Bray	PTFE Lined	Series 22/23	■	■	■	■	■	■	■	■	■	■	■	
		PFA Lined	Series 24/25	■	■	■	■	■	■	■	■	■	■	■	
		High Performance	McCannaLok				■						■	■	
		High Performance	Series 41R									■		■	
		Resilient Seated	Series 2x, 3x	■	■	■	■	■	■	■	■	■	■	■	
		Triple Offset	Tri Lok								■				
<b>KNIFE GATE VALVES</b>	Bray Slurryshield	Bidirectional	768, 767, 762	■	■									■	
	Bray	Bidirectional	746		■										
		Bidirectional	740											■	
		Unidirectional	950	■	■										
		Unidirectional	940 (w/ SS Deflection Cone)			■								■	
<b>BALL VALVES</b>	Amresist	PFA Lined	Acris	■											
	Bray / Flow-Tek	Severe Service	Series M1												
		Severe Service	Series M4												
		Segmented Ball (On/Off)	Series 19	■			■	■	■	■	■	■	■	■	■
		Flanged (2-piece)	Series F15/F30			■	■	■	■	■	■	■	■	■	■
		Flanged (1-piece)	Series RF15/RF30												
		Trunnion Mounted	1B												
		3-Piece	Series 7000	■				■	■	■	■	■	■	■	■
		3-Piece	Triad	■				■	■	■	■	■	■	■	■
		Resolute Ball	F15/F30	■	■	■		■	■	■	■	■	■	■	■
Multi-port		MPF/MPT	■												
<b>ROTARY CONTROL VALVES</b>	Bray	High Performance (Metal Seated)	McCannaLok	■											
		Butterfly (Lined)	Series 39L	■											
	Flow-Tek	Segmented Ball	Series 19/19L	■				■	■	■	■	■	■	■	
V-port		Series F15/F30	■				■	■	■	■	■	■	■		
<b>CHECK VALVES</b>	Rite	Swing Check	205												
			210	■		■									
<b>ACTUATORS</b>	Bray	Pneumatic Scotch Yoke	Series 98	■	■	■	■	■	■	■	■	■	■	■	
		Hydraulic Scotch Yoke	Series 98H												
		Electrohydraulic Scotch Yoke	Series 98EH												
		Pneumatic Rack & Pinion	Series 92/93	■	■	■	■	■	■	■	■	■	■	■	■
		Gear Operator	Series 04, 05	■	■	■	■	■	■	■	■	■	■	■	■
	Electric	Series 70													
	Flow-Tek	Gear Operator	FTG	■	■	■	■	■	■	■	■	■	■	■	
<b>CONTROL ACCESSORIES</b>	Bray	Positioner	Series 6A/6P	■	■	■	■	■	■	■	■	■	■	■	
		Proximity Sensor	Series 54	■	■	■	■	■	■	■	■	■	■	■	
		Valve Status Monitor	Series 5A/5B/5C	■	■	■	■	■	■	■	■	■	■	■	
		Solenoid	Series 60/62/63	■	■	■	■	■	■	■	■	■	■	■	
		Filter Regulator	Series 55	■	■	■	■	■	■	■	■	■	■	■	

**CONVENTIONAL LITHIUM BRINE EXTRACTION PROCESS**



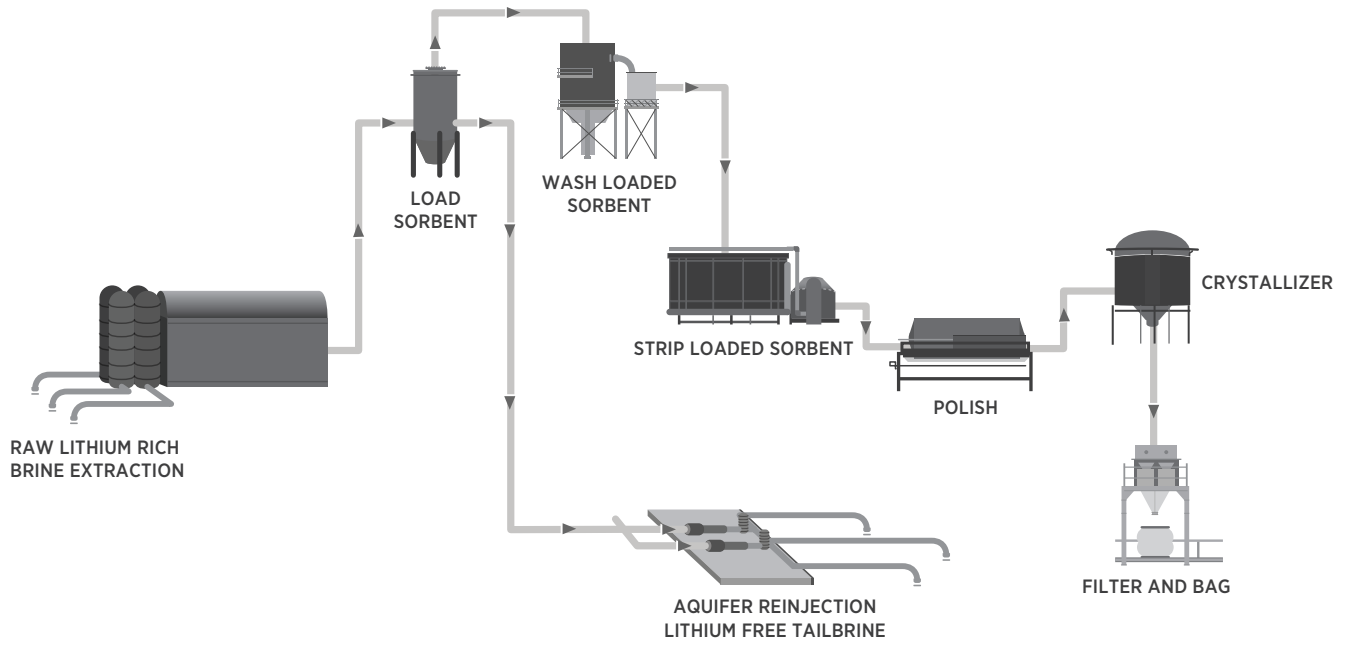
**MINING - DIRECT LITHIUM**

Bray offers a comprehensive range of valves for Direct Lithium Extraction (DLE), helping you to meet environmental challenges in lithium production. Trust Bray to deliver innovative valve solutions tailored to your specific needs, enabling you to streamline your DLE Lithium operations and stay ahead in this rapidly evolving industry.

For more product information and downloads, visit [BRAY.COM](http://BRAY.COM).

PRODUCT	BRAND	TYPE	MODEL	PROCESS																		
				BRINE EXTRACTION	BRINE PRE-TREATMENT	ABSORPTION PROCESS	ION-EXCHANGE PROCESS	SOLVENT EXTRACTION PROCESS	CONCENTRATION/WATER RECOVERY	POLISHING	PURIFICATION	CRYSTALLIZE	BULK HANDLING	TAILBRINE RE-INJECTION	BULK HANDLING							
<b>BUTTERFLY VALVES</b>	Amresist	PFA Lined	Acris		■																	
			Resilient Seated	Isoria																		
		Bray	PTFE Lined	Series 22/23		■				■	■	■			■	■	■	■	■	■	■	
			PFA Lined	Series 24/25		■				■	■	■			■	■	■	■	■	■	■	
			High Performance	McCannaLok				■	■			■	■			■	■	■	■	■	■	■
			High Performance	Series 41R								■	■									
		Resilient Seated	Series 2x, 3x	■							■								■	■		
		Triple Offset	Tri Lok																			
<b>KNIFE GATE VALVES</b>	Bray Slurryshield	Bidirectional	768, 767, 762	■															■		■	
	Bray	Bidirectional	746	■																		
		Bidirectional	740								■											■
		Unidirectional	950	■																		■
		Unidirectional	940 (w/ SS Deflection Cone)	■							■											■
<b>BALL VALVES</b>	Amresist	PFA Lined	Acris		■								■	■								
	Bray / Flow-Tek	Severe Service	Series M1																			
		Severe Service	Series M4																			
		Segmented Ball (On/Off)	Series 19			■	■							■	■							
		Flanged (2-piece)	Series F15/F30		■	■								■	■						■	
		Flanged (1-piece)	Series RF15/RF30																			
		Trunnion Mounted	1B																			
		3-Piece	Series 7000			■	■							■	■							
		3-Piece	Triad			■	■							■	■							
Multi-port	MPF/MPT			■	■							■	■									
<b>ROTARY CONTROL VALVES</b>	Bray	High Performance (Metal Seated)	McCannaLok																			
		Butterfly (Lined)	Series 39L				■															
	Flow-Tek	Segmented Ball	Series 19/19L							■	■	■	■	■	■	■	■	■	■	■	■	
		V-port	Series F15/F30							■	■	■	■	■	■	■	■	■	■	■	■	
<b>CHECK VALVES</b>	Rite	Swing Check	205																			
			210																			
	SlurryTuff	Air Release / Vacuum Break	EZI-VAC																			
			Check	Tiso-Check																		
			Ball Check	Maxi-Check																		
		Ball Check Isolation	Maxi-Check I																			
<b>ACTUATORS</b>	Bray	Pneumatic Scotch Yoke	Series 98	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
			Series 98H																			
		Electrohydraulic Scotch Yoke	Series 98EH																			
		Pneumatic Rack & Pinion	Series 92/93	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Gear Operator	Series 04, 05	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Electric	Series 70																			
	Flow-Tek	Gear Operator	FTG																			■
<b>CONTROL ACCESSORIES</b>	Bray	Positioner	Series 6A/6P	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		Proximity Sensor	Series 54	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Valve Status Monitor	Series 5A/5B/5C	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Solenoid	Series 60/62/63	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		Filter Regulator	Series 55	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

DIRECT LITHIUM EXTRACTION



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SINCE 1986, BRAY HAS PROVIDED FLOW CONTROL SOLUTIONS FOR A VARIETY OF INDUSTRIES AROUND THE WORLD.

VISIT [BRAY.COM](https://www.bray.com) TO LEARN MORE ABOUT BRAY PRODUCTS AND LOCATIONS NEAR YOU.

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