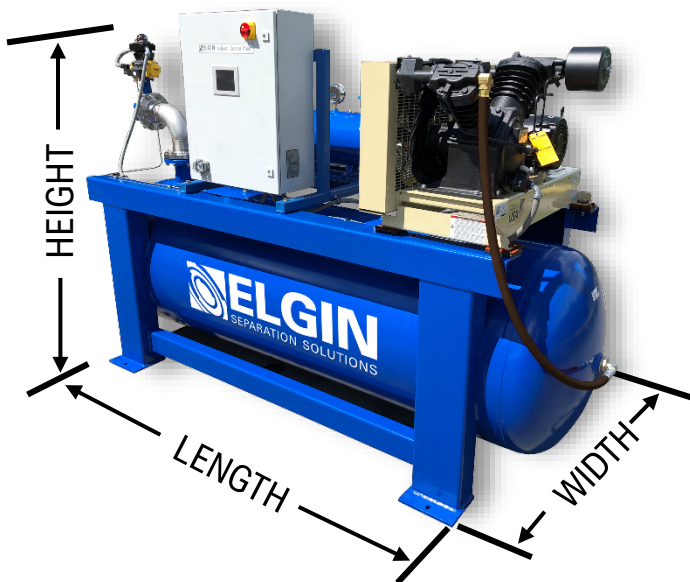


AirBurst General Arrangements



Option	Air Receiver (Gallon)	Length in (mm)	Width in (mm)	Height in (mm)
AB-H80	80	63 (1600)	29 (737)	61 (1549)
AB-H120	120	67 (1702)	35 (889)	65 (1651)
AB-H200	200	72 (1829)	43 (1092)	71 (1803)
AB-H240	240	84 (2134)	43 (1092)	71 (1803)
AB-H400	400	93 (2362)	45 (1143)	76 (1930)
AB-H500	500	117 (2972)	45 (1143)	76 (1930)
AB-H660	660	120 (3048)	48 (1219)	86 (2184)

Custom and larger arrangements available based on site needs

Screen Cleaning Systems

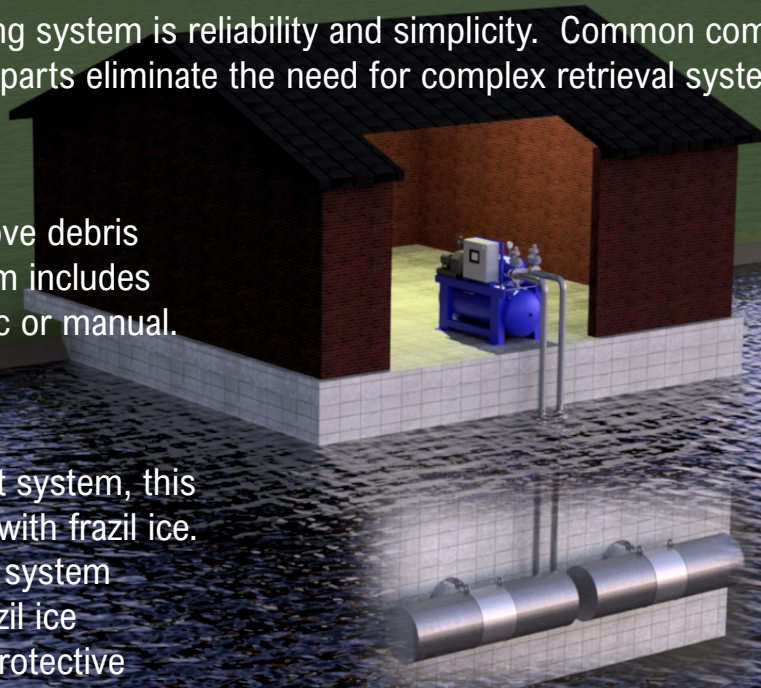
We believe the basis for an effective cleaning system is reliability and simplicity. Common components make maintenance a breeze and stationary parts eliminate the need for complex retrieval systems.

AirBurst

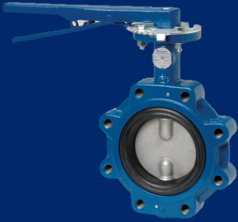
Delivers a burst of compressed air to remove debris from the surface of the screen. The system includes control schemes that can be fully automatic or manual.

IceBreak

Designed to work together with an AirBurst system, this option prevents rapid blockage associated with frazil ice. Once frazil ice conditions are detected, the system delivers an array of bubbles that will lift frazil ice particles to the surface. This results in a protective coverage of ice on your water source.



AirBurst Control Schemes



Manual

- Manual actuation of valve (hand or solenoid button)
- Visual validation of pressure set points
- Limited control of burst size



Plant

- Valve control through plant SCADA
- Junction box with solenoid inputs to actuate valves
- Well-suited for new plants (include with plant programming)



Standard

- Standard control panel for configuring and initiating burst sequences
- Includes PLC and HMI touchscreen for simple operation
- Control of system locally or through plant SCADA
- Well-suited for existing plant retrofits

Standard Features

- 480V input to control panel (can be tailored to site supply conditions)
- Cycle or event timer is the default burst trigger, but clogging trigger can be accommodated (differential pressure or water level)
- Pneumatically operated valves
- Filters and regulators for control air system
- Trailer-mounted systems available

