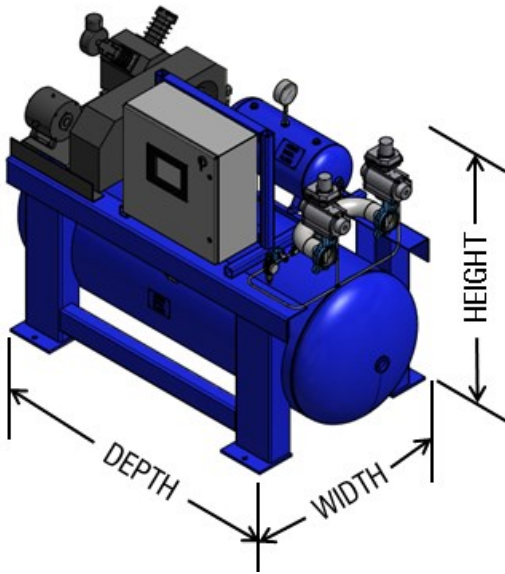
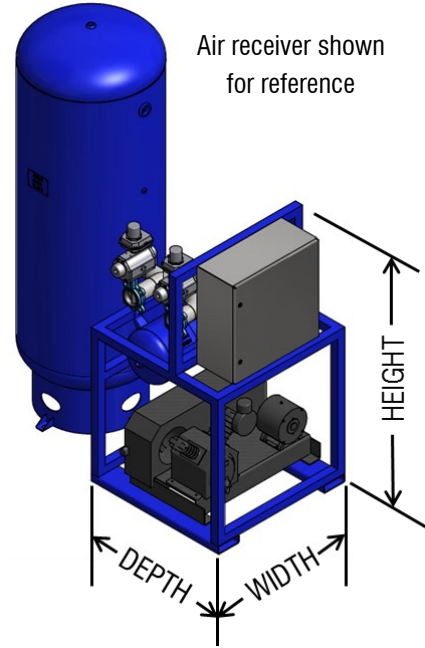


AirBurst General Arrangements



Horizontal (AB-H series)

- Self-contained electrical/plumbing connections
- Lowest startup time (pre-tested)



Vertical (AB-V series)

- Smallest overall footprint
- Separate air receiver (on-site connection)

OPTION	AIR RECEIVER (GAL)	COMPRESSOR (HP)	DEPTH IN (MM)	WIDTH IN (MM)	HEIGHT IN (MM)
AB-H80	80	3	63 (1600)	29 (737)	61 (1549)
AB-H120	120	3	67 (1702)	35 (889)	65 (1651)
AB-H200	200	5	72 (1829)	43 (1092)	71 (1803)
AB-H240	240	5	84 (2134)	43 (1092)	71 (1803)
AB-H400	400	7.5	93 (2362)	45 (1143)	76 (1930)
AB-H500	500	10	117 (2972)	45 (1143)	76 (1930)
AB-H660	660	15	120 (3048)	48 (1219)	86 (2184)
AB-V5	—	3-10	36 (914)	45 (1143)	74 (1880)
AB-V15	—	15-30	36 (914)	50 (1270)	74 (1880)

- Custom arrangements can be configured for any series
- Horizontal arrangements are not recommended for air receivers larger than 660 gallon
- Compressor selection for AB-H series assumes 20 min max recharge time between bursts
- Valve manifold arrangements and quantities vary depending on project (2 valves shown for reference)
- Control panel height varies based on complexity of function - smallest panel size shown

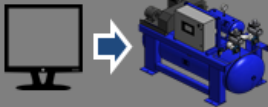


AirBurst Control Scheme



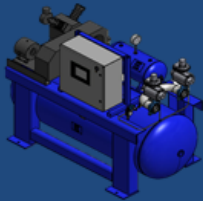
Manual

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



Plant

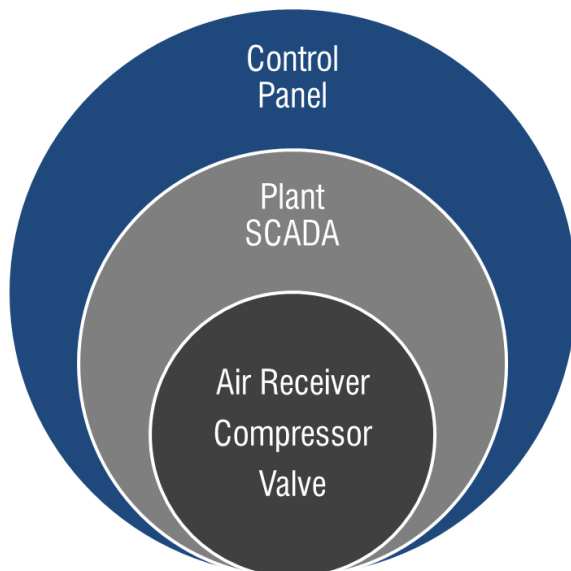
- Control of valves remotely through plant SCADA
- Includes junction box with solenoid inputs to control valves
- Well-suited for new plants (include with new system programming)



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

Major Components



- Standard packages include 480V input to control panel, but can be tailored to site supply conditions
- Event timer is preferred control method, but burst initiation by clogging measurement can be accommodated (differential pressure or water level)
- Valves are pneumatically operated
- Filters and regulators used for control air system
- Trailer-mounted systems available