



V700 SERIES
DECONTAMINATION
CHAMBERS

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V700 SERIES DECONTAMINATION CHAMBERS

The BetterBuilt V700 Series Decontamination Chamber provides an air tight location designed to accept vapor or gaseous agents for the decontamination of various laboratory equipment, materials, and instruments at ambient temperatures.

VHP or CD

The decontamination chamber can be integrated to function with either Vaporized Hydrogen Peroxide or Chlorine Dioxide generation equipment. Each unit is configured for the decontamination method used by the facility.

Multiple Configurations

These units can be single door or a two door pass through, floor or pit mounted, recessed behind a wall or free standing. The chamber can be either a right or left hand configuration with the control panel and door swings to match.

Safety Features

Personnel safety features include interior mounted E-stop buttons on both sides of the door as well as an exterior E-stop button located on the control panel. An electronically controlled, pneumatic dual latch system prevents the door from being opened during a cycle. Visual alerts of various alarm conditions are provided on the touch screen if equipped.

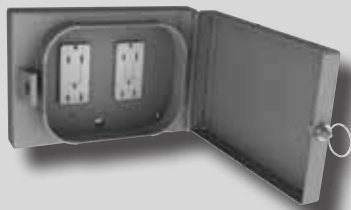
Solid Construction for Durability

All BetterBuilt equipment is fabricated with durability in mind. Cabinets and doors are insulated, welded stainless steel construction. Chamber sections are modular, flanged and bolted together with silicon rubber gaskets and silicon sealer between the mating flanges allowing these units to be shipped knock down for an easy installation.





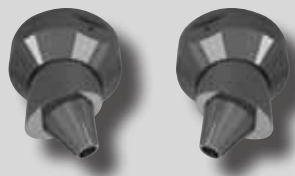
Exterior CD Connections



Interior Electrical Outlet



VHP Connection Ports



VHP Distribution Nozzles

Air Tight

Each door is equipped with an EPDM inflatable gasket to provide a complete seal. A bubble seal is provided on the stainless steel automatic exhaust vent damper which features a pneumatic actuator.

Controls

Standard pushbutton controls are mounted on the load side of the unit and consist of On/Off Switch, Start, Stop, E-Stop and Door pushbuttons. A PLC is provided for communication with the generation unit. Pass through chambers have secondary controls mounted on the clean side consisting of Start, Stop, E-Stop and Door pushbuttons. Optional 5" or 8" color touchscreen controls are available.

VHP Key Features

Decontamination chambers operating with VHP include key features such as ceiling mounted nozzles for even distribution and heat traced piping to reduce condensation.

CD Key Features

Chambers operating with Chlorine Dioxide include key features such as two distribution fans to assist with circulation and an interior electric outlet for additional equipment.



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APPLICATION

The BetterBuilt V700 Series Decontamination Chamber is a heavy duty, single chamber, floor loading, air tight chamber designed to accept vapor or gaseous sterilants for the decontamination of laboratory equipment, materials, and instruments at ambient temperatures. The integration of either Vapor Hydrogen Peroxide or Chlorine Dioxide generation equipment is provided.

INTERIOR CHAMBER

W x H x L

EXTERIOR CABINET

W x H x L

MODEL

V730

48 x 88 x 90"
1219 x 2235 x 2286mm

80 x 102 x 97.5"
2032 x 2591 x 2477mm

Note: Custom sized cabinets are available, contact BetterBuilt or your local representative for further details. Due to continued engineering improvements, specifications are subject to change without notice.

STANDARD FEATURES

- Pit Mounted or Floor Mounted, Low Profile 4" Base
- All Stainless Steel Construction
- Insulated Double Wall Cabinet and Door(s)
- Manual Swing-out Hinged Door(s)
- Smooth Surface Floor with Track for Easy Loading
- Stainless Steel Distribution Piping
- Pneumatic Exhaust Damper with Bubble Seal
- Inflatable Door Gasket for Positive Seal
- Dual Piston Pneumatic Door Lock
- Interior Bumper Rails, Radius Curbs
- Interior Emergency Stop Buttons, Each Side of Door(s)
- Illuminated Chamber Interior
- Exterior Emergency Stop Button at Door(s)
- Push Button Control Panel with PLC Microprocessor
- Interface Controls with 3rd Party Decontamination Unit
- Stainless Steel Pneumatic Control Valves
- Non-proprietary Components

OPTIONAL FEATURES

- Single Door or Two Door Pass Thru
- Left or Right Hand Service Access
- Barrier Wall Trim to Close Wall Openings
- Seismic Anchors
- Power Exhaust Stainless Steel Blower
- Connectivity with Bioquell Clarus C or L
- Connectivity with ClorDiSys Minidox M
- Impact or Thermal Cycle Data Printer
- Printer Cover
- RS485 Port for Remote Data Transfer
- Compact Flash Card for Data Collection
- PLC and Touchscreen Program Backup
- Ethernet Connectivity to PLC for Data Transfer
- Factory Ethernet Connectivity for Online Diagnostics
- 5" TFT Color Touchscreen Control Panel
- 8" TFT Color Touchscreen Control Panel
- Touchscreen Ethernet Web Server Connectivity
- Modem Connectivity for Factory Diagnostics
- Surge Protection
- CCTV Capability for Unload Side Camera
- Clean Side Buzzer
- Interior Mounted Electrical Outlet
- Dual Interior Distribution Fans
- Heat Trace on VHP Piping
- Ceiling Mounted VHP Nozzles

DIVISION OF NORTHWESTERN SYSTEMS CORP

7601 MacDonald Road • Delta, British Columbia • Canada V4G 1N3

888-553-0855 • Tel: 604-952-0925 • Fax: 604-952-0941
www.nsc-betterbuilt.com • info@nsc-betterbuilt.com