



D600 SERIES
DRY HEAT
STERILIZERS

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D600 SERIES DRY HEAT STERILIZERS

The BetterBuilt D600 Series Dry Heat Sterilizers uses electric generated forced-air convection technology for reduced energy consumption. Compared to steam autoclaves, no water usage is required, maintenance is less, and cost to own and operate is lower. Installation is simple and flexible with onsite assembly capability.

Sterilization System

High energy, efficient electric heaters provide accurate temperature while direct driven blowers force hot air through semi-pierced side walls creating a high volume uniformed horizontal circulated air flow across items to be sterilized. HEPA filters are utilized by the air intake and exhaust systems.

Modular Construction

All stainless steel modular construction provides durability and installation flexibility. All dis-assembled sections of the dry heat sterilizer will pass through a 3'-6" x 6'-8" standard doorway.

Floor Mounted Installation

A heavy duty 3/16" plate stainless steel floor with beveled edge for mobile cart loading allows for floor mounted installation. No pit required.

Insulated Chamber

Chamber is double wall construction with 4" insulation on all sides except the floor. Smooth interior side wall construction reduces ledges or corners where gross debris may accumulate.

Service Access

The dry heat sterilizer can be provided with service access from either the side or top, which ever configuration functions best based on site conditions.





Validation

Temperature uniformity mapping and validated sterilization cycles using biological indicators are performed at the factory for assured results.

Special Feature

Viewing Window

For convenience, ease of use, and safety in mind we provide each door a tempered glass 20" W x 26" H observation window.

Special Feature

Illuminated Chamber

The interior chamber is illuminated for user convenience and safety purposes by a compact halogen light fixture.

Special Feature

Dual Touchscreen Controls

Touchscreen control panels are located on both load and unload ends of the unit. Allowing users to easily view and select from 8 pre-programmed sterilization cycles. The easy to read information screens show current cycle data including cycle stage, temperature and time remaining.

Special Feature

Automated Load and Unload

BetterBuilt's optional continuous automated process significantly reduces energy consumption and dramatically shortens overall cycle time. Our automatic load and unload system is ideal for high-capacity applications. Manual operation of the Dry Heat Sterilizer is still possible which provides extra flexibility for users.



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APPLICATION

The BetterBuilt D600 Series Dry Heat Sterilizers are automatic, heavy duty, multi-cycle, single chamber, floor mounted, electric heated forced-air convection sterilizers with large capacity for the efficient sterilization of caging, bedding and cage carts used in the care of laboratory animals.

INTERIOR CHAMBER

EXTERIOR CABINET

MODEL	W x H x L	W x H x L
D630	48 x 88 x 90" 1219 x 2235 x 2286mm	75 x 144 x 111" 1905 x 3658 x 2819mm
D690	48 x 88 x 180" 1219 x 2235 x 4572mm	75 x 144 x 210" 1905 x 3658 x 5334mm

STANDARD FEATURES

- Floor Mounted
- All Stainless Steel Construction
- Insulated Double Wall Cabinet and Door(s)
- Heavy Duty Stainless Steel Floor with Beveled Edge
- Manual Swing-out Hinged Door(s)
- Large Viewing Window
- Electronic Piston Door Lock
- Illuminated Chamber Interior
- Interior Side Bumper Rails
- Interior Emergency Stop Cable on Both Sides
- Emergency Stop Button at Door(s)
- High Temperature Limit Safety Controls
- Pressure Differential Safety Controls
- Temperature Proportioning Controls
- Audible Air Circulation Filter Alarm
- High Volume Horizontal Air Flow System
- HEPA Filters for Air Intake and Exhaust
- Automatic Multi-phase Treatment Cycles
- 8 Fully Adjustable Programmed Cycles
- Multi-cycle Microprocessor Control System
- Dual 5" TFT Color Touchscreen Control Panels
- Program Security via Pin Number Access
- Built-in Advanced Diagnostics
- Non-proprietary Components

OPTIONAL FEATURES

- Pit Mounted
- Single Door or Two Door Pass Thru
- Right or Left Hand Configuration
- Service Access from Top or Side of Unit
- Barrier Wall Trim to Close Wall Openings
- Seismic Anchors
- Automatic Tilt Floor
- 8" TFT Color Touchscreen Control Panel
- Stainless Steel Control Guard
- Thermal Cycle Data Printer
- Waterproof Printer Cover
- RS485 Communication 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
- Touchscreen Ethernet Web Server Connectivity
- Modem Connectivity for Factory Diagnostics
- Low Voltage Surge Protection
- CCTV Capabilities for Unload Side Camera
- Clean Side Buzzer
- Automated Load and Unload
- Activ™ IAS Integration
- Activ™ View Integration

RELATED EQUIPMENT

- Tunnel Cage Washers
- Cage and Rack Washers
- Sure-Flo™ Clean Bedding Delivery System
- Sure-VAC™ Clean Bedding Delivery System

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