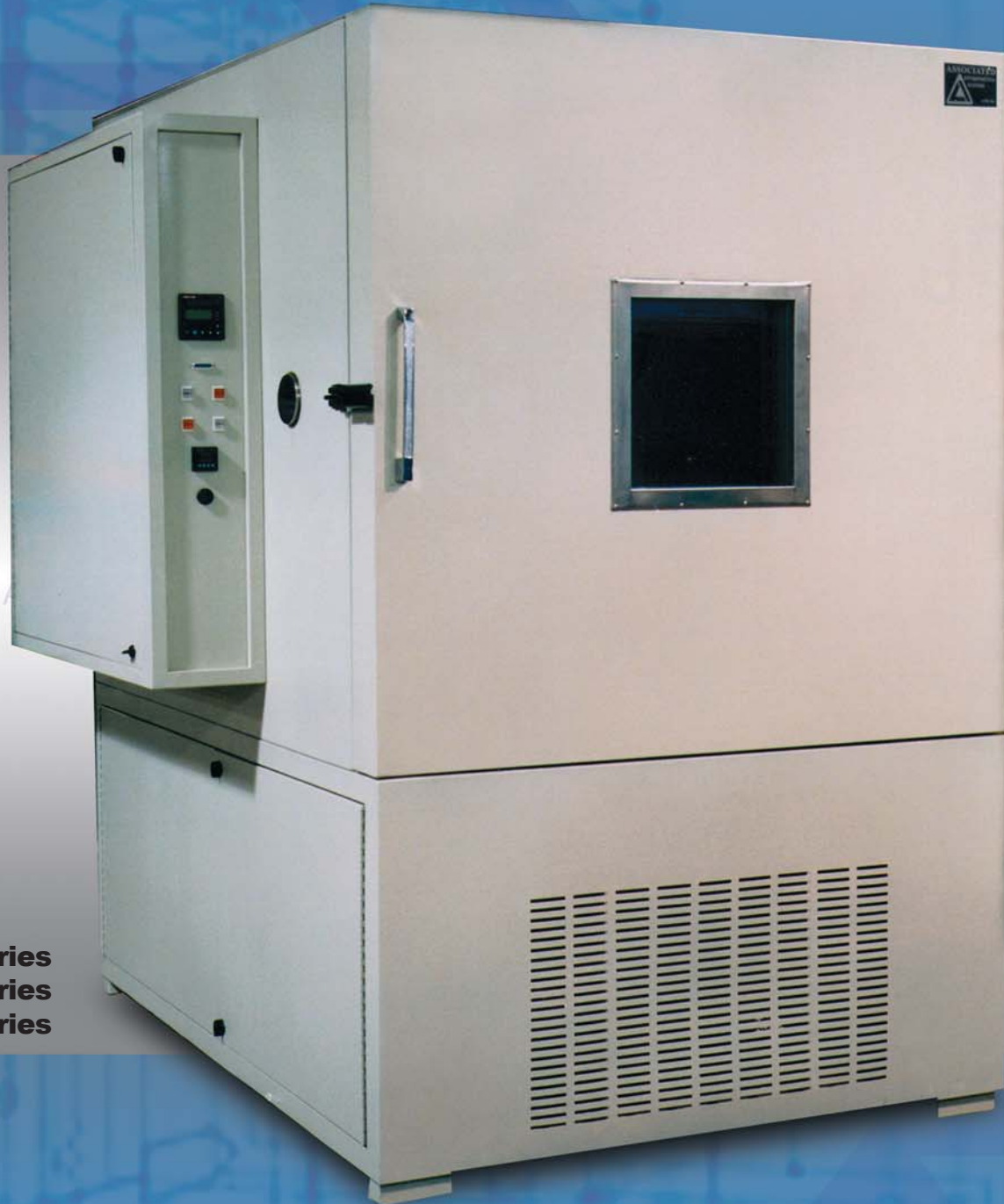


Mechanical Refrigeration Chambers

Floor Model Units



FD-400 Series
FD-500 Series
FD-200 Series



ASSOCIATED
ENVIRONMENTAL SYSTEMS

Unit Specifications

Model	Working Volume	Dimensions (H x W x D)	Temperature Range	Temperature Rise Time	Temperature Pull Down Time	Power Required
FD-427	27 Cubic Ft.	Internal 36" x 36" x 36" External 81" x 54" x 74"	-17°C to +200°C 0°F to +392°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 20 Minutes	3 Phase 220V, 60 HZ
FD-432	32 Cubic Ft.	Internal 38" x 38" x 38" External 83" x 56" x 76"	-17°C to +200°C 0°F to +392°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 20 Minutes	3 Phase 220V, 60 HZ
FD-449	49 Cubic Ft.	Internal 42" x 42" x 44" External 87" x 60" x 82"	-17°C to +200°C 0°F to +392°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 20 Minutes	3 Phase 220V, 60 HZ
FD-464	64 Cubic Ft.	Internal 48" x 48" x 48" External 95" x 70" x 85"	-17°C to +200°C 0°F to +392°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 20 Minutes	3 Phase 220V, 60 HZ
FD-527	27 Cubic Ft.	Internal 36" x 36" x 36" External 81" x 54" x 74"	-37°C to +200°C -35°F to +392°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 35 Minutes	3 Phase 220V, 60 HZ
FD-532	32 Cubic Ft.	Internal 38" x 38" x 38" External 83" x 56" x 76"	-37°C to +200°C -35°F to +392°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 35 Minutes	3 Phase 220V, 60 HZ
FD-549	49 Cubic Ft.	Internal 42" x 42" x 44" External 87" x 60" x 82"	-37°C to +200°C -35°F to +392°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 35 Minutes	3 Phase 220V, 60 HZ
FD-564	64 Cubic Ft.	Internal 48" x 48" x 48" External 95" x 70" x 85"	-37°C to +200°C -35°F to +392°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 35 Minutes	3 Phase 220V, 60 HZ
FD-227	27 Cubic Ft.	Internal 36" x 36" x 36" External 81" x 54" x 74"	-65°C to +200°C -85°F to +392°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 60 Minutes	3 Phase 220V, 60 HZ
FD-232	32 Cubic Ft.	Internal 38" x 38" x 38" External 83" x 56" x 76"	-65°C to +200°C -85°F to +392°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 60 Minutes	3 Phase 220V, 60 HZ
FD-249	49 Cubic Ft.	Internal 42" x 42" x 44" External 87" x 60" x 82"	-65°C to +200°C -85°F to +392°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 60 Minutes	3 Phase 220V, 60 HZ
FD-264	64 Cubic Ft.	Internal 48" x 48" x 48" External 95" x 70" x 85"	-65°C to +200°C -85°F to +392°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 60 Minutes	3 Phase 220V, 60 HZ

Standard Features:

- Programmable Controller with RS232
- Stainless Steel Interior
- Adjustable High Temperature Safety
- Multipane Viewing Window in Door
- internal Light with External Switch
- Casters

Options:

- IEEE-488 Computer Interface
- CO₂ or LN₂ Option for Faster Pulldown
- Optional Voltage
- Additional Ports
- Chart Recorder
- Shelves

Ultimate performance will be slightly affected by additional windows, ports and ambient air temperature.

In line with our corporate policy of continuing product improvement and quality control, Associated reserves the right to change product specifications without notice.

Associated Environmental Systems

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