

Temperature or Temperature/Humidity

Floor Model Units



SFD Temperature Series
SHD Temperature/Humidity 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*
SFD-410	10 Cubic Ft.	Internal 40" x 24" x 21" External 52" x 60" x 32"	-17°C to +177°C 0°F to +350°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 25 Minutes	220 V 3 Phase 60 HZ
SFD-416	16 Cubic Ft.	Internal 48" x 24" x 30" External 58" x 60" x 40"	-17°C to +177°C 0°F to +350°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 25 Minutes	220 V 3 Phase 60 HZ
SFD-431	31 Cubic Ft.	Internal 60" x 30" x 30" External 72" x 74" x 40"	-17°C to +177°C 0°F to +350°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 25 Minutes	220 V 3 Phase 60 HZ
SFD-4110	110 Cubic Ft.	Internal 60" x 52" x 60" External 81" x 122" x 80"	-17°C to +177°C 0°F to +350°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 25 Minutes	220 V 3 Phase 60 HZ
SFD-510	10 Cubic Ft.	Internal 40" x 24" x 21" External 52" x 60" x 32"	-37°C to +177°C -35°F to +350°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 45 Minutes	220 V 3 Phase 60 HZ
SFD-516	16 Cubic Ft.	Internal 48" x 24" x 30" External 58" x 60" x 40"	-37°C to +177°C -35°F to +350°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 45 Minutes	220 V 3 Phase 60 HZ
SFD-531	31 Cubic Ft.	Internal 60" x 30" x 30" External 72" x 74" x 40"	-37°C to +177°C -35°F to +350°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 45 Minutes	220 V 3 Phase 60 HZ
SFD-5110	110 Cubic Ft.	Internal 60" x 52" x 60" External 81" x 122" x 80"	-37°C to +177°C -35°F to +350°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 45 Minutes	220 V 3 Phase 60 HZ
SFD-210	10 Cubic Ft.	Internal 40" x 24" x 21" External 52" x 60" x 32"	-65°C to +177°C -85°F to +350°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 60 Minutes	220 V 3 Phase 60 HZ
SFD-216	16 Cubic Ft.	Internal 48" x 24" x 30" External 58" x 60" x 40"	-65°C to +177°C -85°F to +350°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 60 Minutes	220 V 3 Phase 60 HZ
SFD-231	31 Cubic Ft.	Internal 60" x 30" x 30" External 72" x 74" x 40"	-65°C to +177°C -85°F to +350°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 60 Minutes	220 V 3 Phase 60 HZ
SFD-2110	110 Cubic Ft.	Internal 60" x 52" x 60" External 81" x 122" x 80"	-65°C to +177°C -85°F to +350°F	Room Ambient to Upper Limit in Approx. 20 Minutes	Room Ambient to Lower Limit in Approx. 60 Minutes	220 V 3 Phase 60 HZ

Note: Humidity Available, Specify prefix SHD instead of SFD.
20% to 98% +/-2% RH as limited by a +20c dew point

*Other voltages available - specify

Standard Features:

- Programmable Controller with RS232C
- Stainless Steel Interior
- Adjustable Digital Set - Digital Indicating High Temperature Safety

- 2" Diameter Access Port & Plug
- Multipane Viewing Window in Door
- Internal Light with External Switch

Options:

- IEEE-488 Computer Interface
- Fully Adjustable Shelf
- Additional Ports & Plugs
- CO₂LN₂ Option
- Chart Recorders
- Adjustable High/Low Fail-Safety

In line with our corporate policy of continuing product improvement and quality control, Associated reserves the right to change product specifications without notice.
Ultimate performance will be slightly affected by additional windows, ports and ambient air temperature.

Associated Environmental Systems

19 Willow Road, P.O. Box 564, Ayer, MA 01432 Phone (978) 772-0022 / Fax: (978) 772-0088

Visit AssociatedOnline.com E-mail: info@associatedonline.com