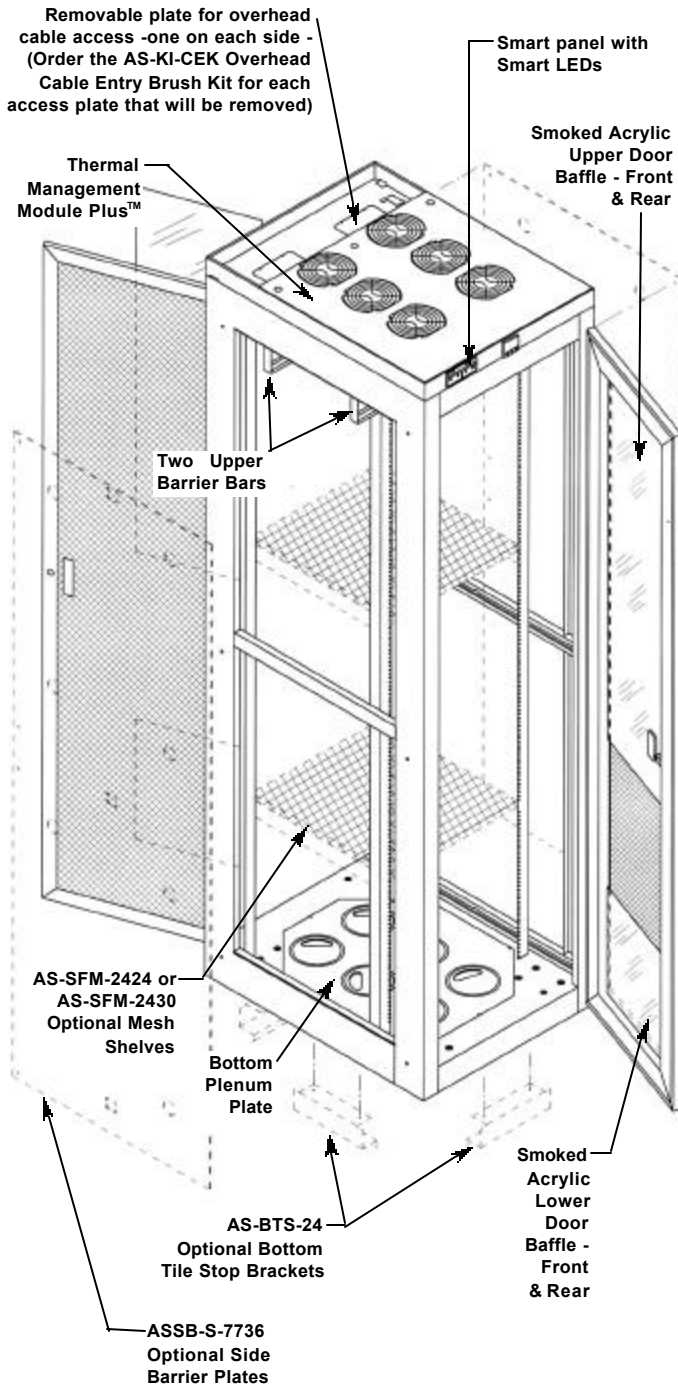


ENCLOSURES

Rev - 05/02

THE KOOL-IT SMART AFCO PART # ASC-KIS-746-NS



*** PATENTED ***

Horizontal Panel Space	Vertical Panel Space	Rack Units	OVERALL DIMENSIONS			Approx. Weight
			Height	Width	Depth	
24 1/16"	77 1/8"	44	86"	28 1/16"	37"	392#

The AFCO Systems Kool-IT Smart™ has all the same great features and enhancements of the standard Kool-IT ENCLOSURE, to provide unparalleled heat protection for your critical equipment.

Kool-IT Smart's Thermal Management Module Plus (TMM-Plus)™ is much more than just a thermostat. The TMM-Plus continuously monitors internal cabinet temperature and regulates fan speed through voltage modulation. This in conjunction with door baffles and our plenum plate system, maintains the desired operating temperature set point (pre-set at the factory and adjustable in the field). If alarm thresholds are exceeded, Kool-IT Smart will issue an audible and visual alarm while running all six fans at maximum speed. The Dual Power Module System features dual power cords for redundancy, dual power monitoring at the enclosure level and dual fail safe switches. The operating status of dual power is visually displayed on our control panel and will indicate the operating status through a series of LEDs and an audible alarm. An alarm silencer is also provided to create a more harmonious work environment (see facing pages for details). In addition Kool-IT Smart's enhanced electronics enables this enclosure to connect and communicate with Kool-Scan™, a systems package that monitors remotely through a simple network management protocol (SNMP).

Enclosure Includes:

ASF-772436	Cabinet frame
ASR-77	2 Pair of mounting rails (two pair)
ASMD-KI-7724F	Mesh Front Door with Baffles
ASMD-KI-7724R	Mesh Rear Door with Baffles
AS-UBB-24	2 Upper Barrier Bars (two supplied)
ASBP-KI-2436	Bottom Plenum Plate (not supplied with OH series)
AS-KI-TMMP-2436	Thermal Management Module Plus™ complete with six 225 CFM variable speed exhaust fans, digital display controller with adjustable set-point and audible alarm.
AS-KISDP	Kool-IT SMART Module with Dual Power System

Features

- Conforms to EIA-310 standards for 24" enclosed racks
- Furnished with two pair of #12 ga steel EIA mounting rails -fully adjustable front to back -tapped #10-32 on 5/8", 5/8", 1/2" centers (universal spacing). Additional rails can be supplied upon request.

(CONTINUED ON NEXT PAGE)

ENCLOSURES

Rev - 05/02

THE KOOL-IT SMART (continued)

AFCO PART # ASC-KIS-746-NS

- Enclosure members constructed of #16 ga steel.
- Fully welded construction
- Standard finishes: IBM blue or Pearl white - other colors available upon request
- Enclosure base is equipped with six fully adjustable airflow directional vents and is prepared for optional casters and levelers
- Top of enclosure is equipped with two cable access ports with removable cover plates. Each port provides over 30 square inches of cable access -enough for over 400 plenum cables (1/4" dia). To minimize air loss thru the openings when a cover plate is removed, order the AS-KI-CEK Overhead Cable Entry Brush Kit.

Kool-IT SMART™ Optional Accessories

ASSB-S-7736	Side Barrier Plate
ASSP-7736R	Right Hinged Solid Side Panel
ASSP-7736L	Left Hinged Solid Side Panel
AS-BTS-24	Bottom Tile Stop Bracket
AS-WIR-CH-VEL-77	Wire Management Channel
AS-SFM-2424	24" Deep Mesh Shelves
AS-SFM-2430	30" Deep Mesh Shelves
AS-KI-CEK	Overhead Cable Entry Brush Kit
AS-PS-1070	11-Outlet Vertical Power Strip -15 AMP
AS-PS-1272-20AMP	12-Outlet Vertical Power Strip -20 AMP (hardwired)
AS-CA	Caster Set, nonlocking
AS-WIR-CH-VEL-77	Wire Management Channel
AS-LEV	Leveler Set

Filter Kits are available upon request

KOOL-SCAN™*

AFCO PART # AS-KOOL-SCAN

In addition to all of the standard features, the Kool-IT SMART connected to the **optional** KOOL-SCAN™, has the ability to remotely monitor power availability and temperature status with any compatible network management system. It utilizes Simple Network Management Protocol (SNMP). This can be provided through a 10 BASE T or RS 232 interface. KOOL-SCAN software and peripherals consist of PC's, serial connections and converters to read signals from the enclosures and interpret them for SNMP compatibility.

**KOOL-SCAN is optional equipment proprietary to AFCO Systems. Although the Kool-IT SMART Enclosure has the components installed to monitor power and temperature, these features will not be accessible without the purchase of the KOOL-SCAN equipment package. Please contact AFCO Systems for information on this product. (KOOL-SCAN Upgrade is only available as an option for the KOOL-IT SMART Enclosure).*

This enclosure is also available in the following models:

ASC-OH-KIS-746-NS	KOOL-IT SMART for data centers with overhead air distribution.
ASC-KIS-LAN-746-NS	KOOL-IT SMART with modular mounting rail option.
ASC-OH-KIS-LAN-746-NS	KOOL-IT SMART for data centers with overhead air distribution <u>and</u> requiring modular mounting rail option