KOOLTRAY II
FAN TRAY

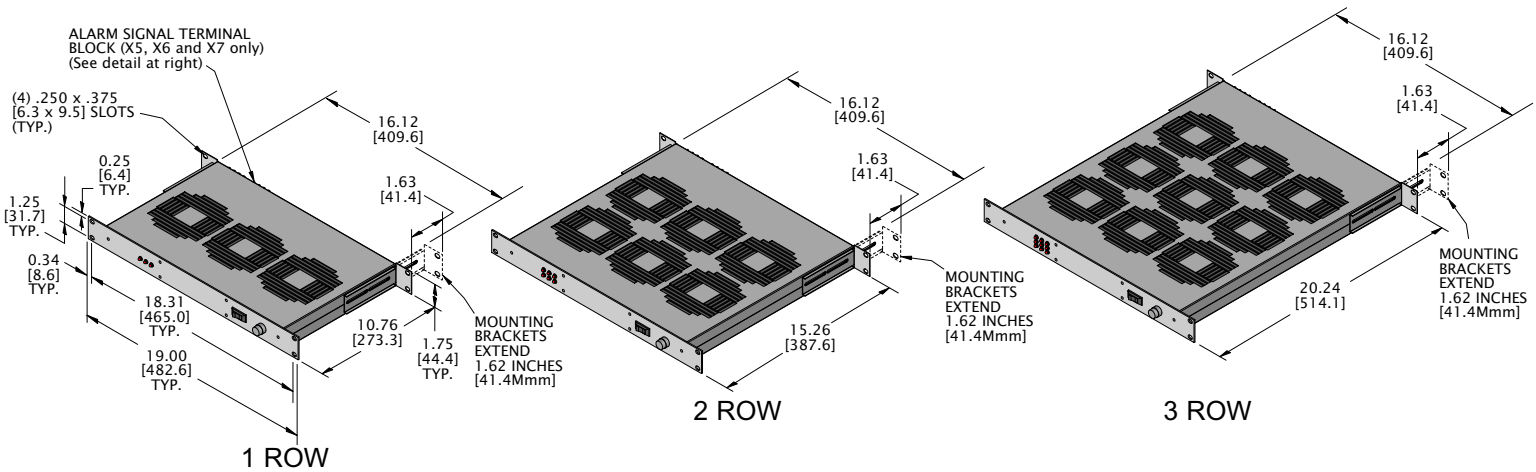## STANDARD FEATURES

UL/CSA/VDE/TUV ball bearing motors rated for -20°C to 70°C
On/off switch and fuse are accessible from faceplate
6-foot power supply cord for DC versions
6-foot (minimum) power cord with molded plug for AC versions
19-inch width in single U height (1¾")
Baked powder finish
Up to 105 CFM per fan
Static pressure up to .34" of water
Low sound level
Powered by 12, 24, or 48 VDC (brushless) or 115 or 230 VAC (50 & 60 Hz)
Rugged heavy duty steel construction
Integral OSHA/UL finger guards

ACCESSORIES
AND OPTIONS

Brushed aluminum faceplate
Custom painted faceplate
Fan failure external alarm
Filtered Kooltray
High Temperature external alarm
Longer cord lengths up to 10 feet
Rear mounted terminal block instead of power cord
X5, X6 and X7 options
Stainless steel faceplate

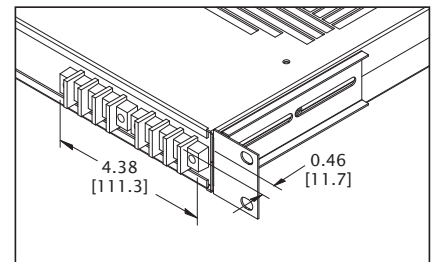## DIMENSIONS inches [metric]

1 ROW

2 ROW

3 ROW

02 - IEC Power Option Detail (VAC units only)

Alarm Signal Terminal Block Detail (X5, X6 and X7 options only)
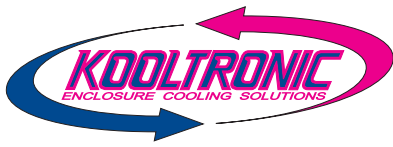

HOW TO ORDER

Specify model number.

ACCESSORIES: Specify model number.

Dimensions, inches [mm], are for reference only and subject to change.

kooltray2.qxd (12/22/20) (CDR: 20293)

DESCRIPTION

Standard KoolTray II

The KOOLTRONIC *KoolTray II* delivers cooling air to hot spots by localizing fan placement to the heat generating area(s). With its 1¾-inch [44.5mm] single-U height it fits right under card racks or near heat-producing sources. Standard units are available in 1, 2, or 3 row models. 19-inch [482.6mm] unit width is standard.

Smart KoolTray II

In addition to specific cooling fan placement, the *Smart KoolTray II* provides two optional choices of component protection. The **X5** option sends both a visual and external alarm in the event of fan failure or low fan speed. The **X7** option varies the fan speed as temperature decreases or increases relative to the set point and sends an alarm for high temperature conditions. The **X6** option combines both the X5 and X7 options.

Filtered KoolTray II

For environments which require filtration of the ambient or cabinet air, KOOLTRONIC's *Filtered KoolTray II* filters the air from the bottom side of the tray. Other filter location options are available. Filtered versions are available on both the *Standard* and *Smart KoolTray II.*

OPTIONS FOR SMART KOOLTRAY II

The **X5** option provides both a visual and external alarm for fan failure or low fan speed. The visual alarm is provided by L.E.D.s corresponding to individual fans. The external alarm is provided by relay contact connection on the rear mounted terminal block for a remote warning device.

For **X7** option provides variable speed fan control based on temperature (40˚C setpoint). High temperature alarm relay contacts are provided by way of a rear mounted terminal block for a remote warning device.

The **X6** option incorporates both the X5 and X7 options.

OPTIONS:	X5	X6	X7
Individual Fan Sensors	x	x	
Variable Speed Fans		x	x
AC	x	x	x
DC	x	x	x
Alarm Types			
Low Fan Speed/Fan Failure	x	x	
High Temperature		x	x

HOW TO ORDER

Specify model number. See below for Model Number and Features Selection Guide.

TECHNICAL DATA*

# Fans	CFM@ 0" S.P.	RPM Nominal	Amps Run.	Amps L.R.	Watts	Lbs.	Kg.
3	315	3050	0.5	0.8	40	11	5.0
6	630	3050	1.0	1.6	80	16	7.3
9	945	3050	1.5	2.4	120	21	9.5

*115V, 60 Hz. operation

KOOLTRAY II MODEL NUMBER AND FEATURE SELECTION GUIDE

KT

KT = 115 VAC, 50/60 Hz
K2T = 230 VAC, 50/60 Hz
K6T = 12 VDC Brushless
K7T = 24 VDC Brushless
K8 T = 48 VDC Brushless

1

1 = 3 fans (one row)
2 = 6 fans (two rows)
3 = 9 fans (three rows)

F

Filtered KoolTray

X1

X1 = Standard KoolTray

X5 = Smart KoolTray with single speed fans & fan failure alarm

X6 = Smart KoolTray with temperature sensitive variable speed fans & fan failure alarm

X7 = Smart KoolTray with temperature sensitive variable speed fans

00

00 = With rear exit power cord

01 = Externally rear-mounted terminal block for power instead of power cord

02 = IEC 60320 C-14 rear mounted power receptacle instead of power cord (VAC units only)