

Top - Standard, middle - Smart, and bottom - Filtered

STANDARD FEATURES

- Static Pressure up to 0.34 [8.6mm] inch of water
- Powered by 115 or 230 VAC, 50/60 Hz.
- Optional 12, 24 or 48V Brushless DC
- Standard 19" [482.6mm] width in compact, single U height (1.75" [44.5mm]) (24" [609.6mm] width optional)
- Lighted power switch**
- Fused power protection on faceplate**
- Design allows for fan addition or deletion in the field
- Baked powder finish
- Rugged construction
- Five foot [1.5m] (minimum)
- SJT 3-wire power cord
- UL/CSA ball bearing motors
- **May be deleted, with appropriate cost savings

OPTIONS for SMART KOOLTRAY*

For the **X5** option, individual fan operation is constantly monitored by an integral solid state alarm system, which sends an alarm signal for power loss or low fan speed.

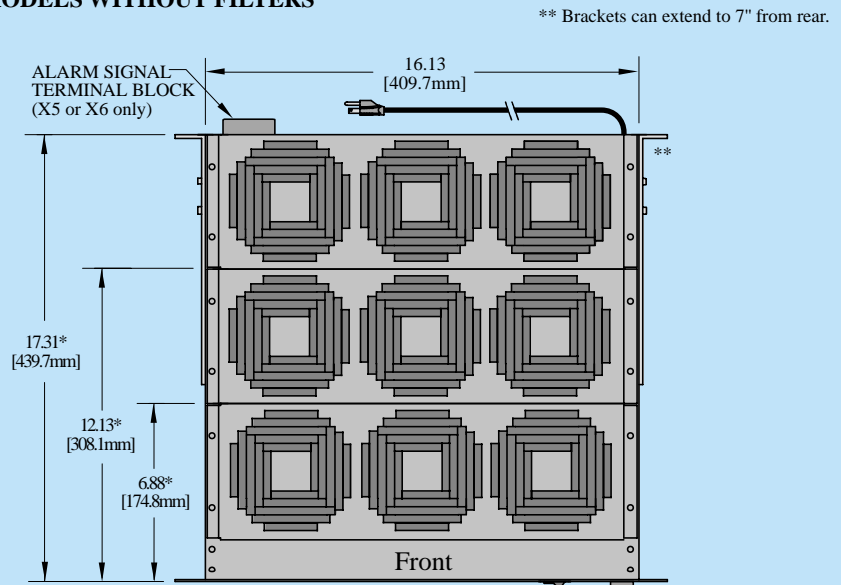
For the **X6** option, a temperature sensitive control decreases the speed of the fans as temperature lowers. The alarm signals are for power loss or high temperature.

The alarm signal from the terminal block of the **Smart KoolTray** enables the user-supplied warning device to signal a failure.

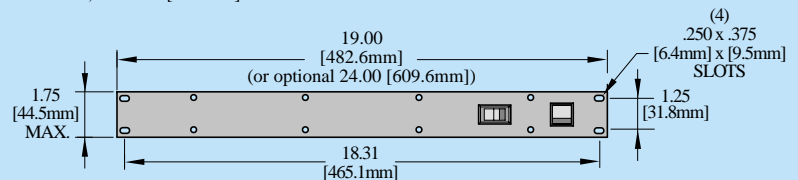
OPTIONS:	X5	X6
Individual Fan Sensors	x	
Variable Speed Fans		x
AC		x
DC	x	x
Alarm Types		
Power Loss	x	x
Low Fan Speed	x	
High Temperature		x

*See opposite side for more information.

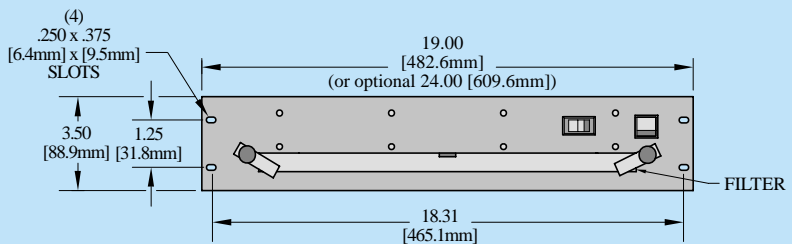
STANDARD AND SMART MODELS WITHOUT FILTERS



* For X6 version, add 1.13 [28.7mm]



FILTERED MODELS



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

TECHNICAL DATA***

# Fans	CFM@ 0" S.P.	RPM Nominal	Amps		Watts
			Run.	L.R.	
3	315	3050	0.5	0.8	40
6	630	3050	1.0	1.6	80
9	945	3050	1.5	2.4	120
12	1260	3050	2.0	3.1	160

***115V, 60 Hz. operation

HOW TO ORDER

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

For assistance in model selection, refer to the **Blower and Fan Selection Guides**, or contact **KOOLTRONIC**.

CALL 1-800-321-KOOL (5665)
or FAX 609-466-1114

POPULAR MODELS ARE STOCKED AND READY TO SHIP

KOOLTRAY MODEL NUMBER AND FEATURES SELECTION GUIDE

The *KoolTray* model number consists of the codes assigned to the features of the unit desired, as follows: K8TS3037X500. It is composed of the following elements:

K8	T	S	3	0	3	7	F	X5	00
Power Code	T =19" wide TW=24" wide	Faceplate Finish Code	Number of Rows	Row A Code	Row B Code	Row C Code	Filtered KoolTray	Option Code	Option Code
K = 115 VAC, 50/60 Hz K2 = 230 VAC, 50/60 Hz K6 = 12V DC Brushless K7 = 24V DC Brushless K8 = 48V DC Brushless		A = Brushed Aluminum G = Gray Powder Paint S = Brushed 304 SS P = Custom Paint Color N = No Faceplate		Indicate fan configuration from illustration below				X1 = Standard KoolTray X5 = Smart KoolTray with single speed fans X6 = Smart KoolTray with temperature sensitive variable speed fans	00 = With rear exit power cord 01 = Externally rear- mounted terminal block for power instead of power cord 02 = Without power switch 03 = Without fused power protection 04 = Both 02 and 03 05 = Single LED (X5 only) 06 = Multiple LED (X5 only)

For X5 or X6 options, contact Kooltronic to discuss specific requirements.

Use the above coding chart and the illustration below. Starting with the Power Code, choose the code numbers for your application. When choosing the number of rows, start with row A. Use the illustration to plan your fan placement and then select the row codes from the right (Fan Placement Codes). Non-fan positions receive cover plates. If 02 through 06 options are desired, they are defined to include the rear exit power cord. These options can be ordered with a externally rear-mounted terminal block instead of a power cord as "specials".

Illustration

Fan Placement Codes

(*) = fan

ROW C = 7	<table border="0"> <tr><td>□□□ = 0</td><td>☛□□ = 4</td></tr> <tr><td>□☛□ = 1</td><td>☛☛□ = 5</td></tr> <tr><td>☛□☛ = 2</td><td>□□☛ = 6</td></tr> <tr><td>☛☛☛ = 3</td><td>□☛☛ = 7</td></tr> </table>	□□□ = 0	☛□□ = 4	□☛□ = 1	☛☛□ = 5	☛□☛ = 2	□□☛ = 6	☛☛☛ = 3	□☛☛ = 7
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Example: K8TS3037X500 (above) is a 48V Brushless DC unit, with a brushed 304 SS faceplate. It is 3 rows deep, with no fans in row A, 3 fans in row B and 2 adjacent fans (to the right) in row C. It has an alarm circuit with a dry contact relay wired to a rear-mounted alarm signal terminal block with a rear exit power cord.

Custom requirement inquiries are invited. Consult KOOLTRONIC regarding special dimensions, finishes, mountings, controls, etc.

STANDARD FEATURES

RUGGED CONSTRUCTION: Precision-engineered heavy gauge steel construction insures *KoolTray* stand up under tough applications.

BAKED POWDER FINISH: Durable, baked-on gray powder finish is standard.

POWER: 115 VAC or 230 VAC, 50/60 Hz is standard. For other voltages and frequencies or brushless DC applications, consult KOOLTRONIC.

DESCRIPTION

STANDARD KOOLTRAY: The KOOLTRONIC *KoolTray* delivers cooling air to troublesome hot spots by localizing fan placement to the heat generating area(s). With its 1.75" [44.5mm] U height it fits right under card racks or near heat-producing sources. Standard units are available in 1, 2, or 3 row

models. From 1 to 9 fans can be placed in any desired configuration. 19" [482.6mm] and 24" [609.6mm] width units are standard.

SMART KOOLTRAY: In addition to specific cooling fan placement, the *Smart KoolTray* provides two optional choices of component protection. The **X5**, for DC installations only, sends an alarm signal in the event of power loss or low fan speed to a local or remote warning device. The **X6**, for both AC and DC, varies the fan speed as temperature decreases or increases and sends an alarm signal for power loss or high temperature conditions.

FILTERED KOOLTRAY: For environments which require filtration of the ambient or cabinet air. KOOLTRONIC *Filtered KoolTrays* filter 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 KoolTrays*.

All Standard, Smart and Filtered KoolTrays are available in 115 or 230 VAC and 12, 24 or 48V DC Brushless. Contact KOOLTRONIC for custom models, modifications or our 12 fan, 4 rows deep KoolTray.