



Thermal Edge Inc.™

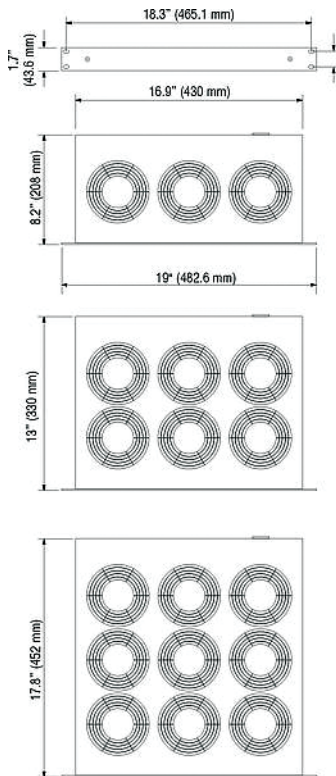
FANS

LE 019 286 - 1017 CFM 19" Fan Tray



- High air volume
- Long service life
- Easy installation and connection
- Function control light
- Optional integrated thermostat

Dimensioned Drawing



The LE 019 is a compact high performance fan tray for forced circulation of air in enclosures and for cooling of 19" rack mount applications. Natural convection is improved and the formation of hot zones is prevented. Also available with integrated thermostat (see photo)

Technical Data

Axial fans, ball bearing	service life 50,000 h at 77 °F (25 °C) and 65 %RH fan body aluminum, rotor plastic
Material	front panel aluminum, bright anodized casing steel sheet, electrogalvanized
Optical indicator	integrated in front panel
Connection	power inlet on rear of casing, plug included (no cable)
Mounting position	horizontal (direction of air upward)
Operating / Storage temperature	+14 to +140 °F (-10 to +60 °C) -40 to +158 °F (-40 to +70 °C)
Operating / Storage humidity	max. 90 %RH (non-condensing)
Protection class / type	I (grounded)/ IP20

Note: The use of a thermostat, whether integrated or external, is recommended.

When using a fan tray with integrated thermostat, an additional thermostat (e.g. KTS 111 Part No. 11101.0-00) may be used if it is desired to switch a signal device should the enclosure interior temperature rise above a set limit (e.g. in case of fan failure).

For models without integrated thermostat, the use of a dual thermostat (e.g. ZR 011 Part No. 01176.0-00) provides the same overheat protection, i.e. one thermostat to control the fan tray operation, one thermostat for a signal device.

Part No.	Thermostat	No. of fans	Operating voltage	Air flow, free blowing	Power	Avg. noise level	Speed rpm	Weight (approx.)	Approvals ²
01930.0-00	-	3	AC 230 V, 50 Hz ¹	286 cfm	45 W	55 db (A)	2600	6.6 lbs.	UL ² / EAC
01930.1-00	0 to 60 °C	3	AC 230 V, 50 Hz ¹	286 cfm	45 W	55 db (A)	2600	7.5 lbs.	UL ² / EAC
01931.0-00	-	3	AC 120 V, 60 Hz	339 cfm	45 W	55 db (A)	2900	6.6 lbs.	UL ² / EAC
01931.1-00	0 to 60 °C	3	AC 120 V, 60 Hz	339 cfm	45 W	55 db (A)	2900	7.5 lbs.	UL ² / EAC
01940.0-00	-	6	AC 230 V, 50 Hz ¹	572 cfm	90 W	57 db (A)	2600	11.7 lbs.	UL ² / EAC
01940.1-00	0 to 60 °C	6	AC 230 V, 50 Hz ¹	572 cfm	90 W	57 db (A)	2600	12.5 lbs.	UL ² / EAC
01941.0-00	-	6	AC 120 V, 60 Hz	678 cfm	90 W	57 db (A)	2900	11.7 lbs.	UL ² / EAC
01941.1-00	0 to 60 °C	6	AC 120 V, 60 Hz	678 cfm	90 W	57 db (A)	2900	12.5 lbs.	EAC
01950.0-00	-	9	AC 230 V, 50 Hz ¹	858 cfm	135 W	58 db (A)	2600	17.2 lbs.	UL ² / EAC
01950.1-00	0 to 60 °C	9	AC 230 V, 50 Hz ¹	858 cfm	135 W	58 db (A)	2600	17.4 lbs.	EAC
01951.0-00	-	9	AC 120 V, 60 Hz	1017 cfm	135 W	58 db (A)	2900	17.2 lbs.	UL ² / EAC
01951.1-00	0 to 60 °C	9	AC 120 V, 60 Hz	1017 cfm	135 W	58 db (A)	2900	17.4 lbs.	EAC

¹ air volume increases by 15% when operating AC 230 V filter fans at 60 Hz; ² UL File No. E234324



All information subject to change without notice

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Temperature Control Solutions for Electrical Enclosures

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