



Active Thermal Management offers a range of cooling solutions to tackle the toughest of ventilation requirements

Active Thermal Management was formed by a small group of home entertainment electronic professionals to solve specific problem faced by the custom install community: excessive heat in audio/video home theatre installations. With the onset of plasma TV's being mounted off the floor, your standard cabinets are disappearing forcing all your equipment in racks or cupboards sometime with little to no ventilation. Fan speed is proportional to temperature rise and fall.





The 8 basic Cooling Situations ...And how to solve the problem!

EQUIPMENT

1. A single unenclosed component
Cool it II
Dual-mode
Tri-Mode
Cool Slim
Cool Sat

ENCLOSURE

2. An enclosure which has at least 50mm of open space behind it (fans can be mounted out of sight on rear panel)
System 2 Original
System 2 or System 2 Rack
System 3
SEC-1

ENCLOSURE

3. A built-in enclosure (fans can't be mounted on rear panel)
Cool vent
Cool cube
Cool Line
System 4

RACK COVER

4. An unenclosed rack
Cool stack I - IN & Exhaust
Cool stack II
System 2 Rack-mount
Cool stack III

RACK COOLER

5. An enclosed rack (in a closet or cabinet)
Cool stack II
Cool stack III

LARGE AIR

6. A large enclosure (walk-in or coat-size closet)
Cool cube
System 1

PROJECTOR

7. An enclosed video projector
System 2 kit
Cool cube 2, 3, 4

PANEL

8. A flat panel display set into a wall or cabinet
Cool stick 8
Cool stick 16
System 3
Cool Line 1 & 2

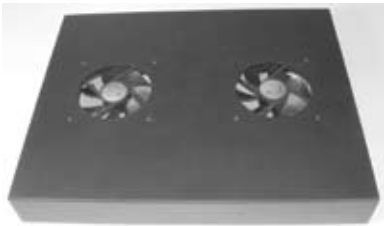


Cool It II

Sits on top of your existing equipment

COOL IT II

2 x 120 mm fans
Power supply
Thermostat controlled
Noise level 18dB
Air flow 20cfm
Trigger temp 33°C



Dual Mode Cooler

Designed to fit under, in-between or on top of a stack. Intake or exhaust

DUALMODE

2 x 120 mm fans
Power supply
Thermostat controlled variable
Stack mount
Noise level 19dB
Air flow 25cfm
Trigger temp 33°C



Tri-Mode

Designed to boost existing (but insufficient) ventilation for audio and video components. While cooling the hot component below it, it provides a shelf onto which a small heat-sensitive item can be placed. It's an "active heat shield".

Tri-Mode

1 x 120 mm fans
90°F Thermal control (optional)
Noise level 17 dB
Air flow 12 cfm
Dimensions 279 x 9.4 x 229 mm whd
Weight 1.1kg

NEW



Cool-Slim

- Extremely quiet
- Multiple applications
- Simple installation
- Very low power consumption
- Rated for continuous operation
- Only 1 5/8" high
- Continuous or automatic operation
- Cools vented AND unvented components

COOL-SLIM

Fans 4/80mm
Airflow (free air) 40 CFM
Noise level 19 dBA
Power 4 watts
Control 90°F thermal control
Dimensions 28cm x 28cm x 4cm
Weight, boxed 2.7kgm

NEW



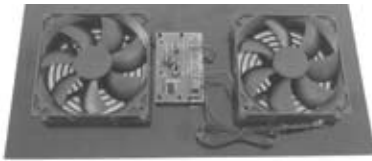
Cool Sat

COOLSAT

1 x 120 mm fan
Power supply
Thermostat controlled
Noise level 16dB
Air flow 12cfm
Trigger temp 32°C

ATM | ENCLOSURE

2 - An enclosure which has at least 50mm of open space behind it (fans can be mounted out of sight on rear panel)



System 2

Ideal for mid size enclosures

SYSTEM-2

- 2 x 120 mm fans
- Temperature control board (proportional)
- Power supply
- Noise level 21 dB
- Air flow 20-40 cfm
- Trigger temp automatic



System 2 Rack Mount

Designed for a mid size rack system

SYSTEM-2 R/M

- 3 x 120 mm fans
- Temperature control board (proportional)
- Power supply
- Noise level 26 dB
- Air flow 45 cfm
- Trigger temp 24-90°C



System 3

Ideal for small enclosures

SYSTEM-3E

- 2 x 80 mm fans
- Temperature control board
- Power supply
- Noise level 17 dB
- Air flow 30 cfm
- Trigger temp automatic



System 4

Needs only ONE small opening for fresh air intake - and NO additional openings for exhaust!

SYSTEM-4

- 6 x 80 mm fans
- Temperature control board
- Power supply
- Noise level 19-22 dB
- Air flow 20-30 cfm
- Trigger temp 32-38°C



SEC 1

Small enclosure system

SEC-1

- 2 x 80 mm panel mounted fans
- Thematically control board
- Power supply
- Noise level 19 dB
- Air flow 50 cfm (20 cfm typical installed)
- Trigger temp 33°C



Cool Vent 2

Designed to fit into wood finished cabinets

COOLVENT-2

- 4 x 80 mm fans
- Power supply
- Thermostat controlled
- Walnut finish
- Noise level 26-28dB
- Air flow 20-30 CFM
- Trigger temp 33°C



Cool Vent 3

Designed to fit into wood finished cabinets

COOLVENT-3

- 2 x 120 mm fans
- Power supply
- Thermostat controlled
- Walnut finish
- Noise level 24-26dB
- Air flow 30-50 CFM
- Trigger temp 33°C



Cool Cube

- 5 x 120 mm fans
- Thematically control board
- Power supply
- Trigger temp 33°C

COOLCUBE-2

- Externally mount using 50.8mm x 1800mm tube
- Air flow 12-18cfm
- Noise level 18-30 dB
- Varied tube size and & length

COOLCUBE-3

- Externally mount using 76.2mm x 1800mm tube
- Air flow 25-40cfm
- Noise level 18-30 dB
- Varied tube size and & length

COOLCUBE-4

- Externally mount using 101.6mm x 1800mm tube
- Air flow 35-70cfm
- Noise level 18-30 dB
- Varied tube size and & length



System 4

(see Group 2 for specs)



Cool Line 1 & 2 Aluminium

- Modern, sleek, quiet
- Intake or exhaust
- Field Interchangeable

COOL LINE 1 ALUMINIUM

1 x 300 mm cross flow
Power supply
Wall/cup board or kick board mount
Noise level 16dB
Air flow 20/30 cfm
Multi-speed Proportional

COOL LINE 2 ALUMINIUM

2 x 300 mm cross flow
Power supply
Wall/cup board or kick board mount
Noise level 19dB
Air flow 30/50 cfm
Multi-speed Proportional



Cool Line 1 Wood

- Also available as intake
COOLINE 1W-INTAKE

COOL LINE 1 WOOD

1 x 300 mm cross flow
Power supply
Wall/cup board or kick board mount
Noise level 16 dB
Air flow 20/30 cfm
Multi-speed Proportional



Cool Line 2 Wood

- Also available as intake
COOLINE 2W-INTAKE

COOL LINE 2 WOOD

2 x 300 mm cross flow
Power supply
Wall/cup board or kick board mount
Noise level 19 dB
Air flow 30/50 cfm
Multi-speed Proportional



Cool Stack 1-IN & Exhaust

- For stacks or rack mounting 1U IN-TAKE
- Also available in an Exhaust version COOL STACK 1-EX

COOL STACK-1

4 x 80 mm fans
1 Unit rack mount enclosure
Noise level 21dB
Air flow 40 cfm
Power Consumption 7 Watts
Dimensions 483 x 45 x 203 mm whd
Weight 3.7kg



Cool Stack 2

For stacks or rack mounting 2U

COOL STACK-2

6 x 120 mm fans
2 Unit rack mount enclosure
Noise level 22-42dB
Air flow front 52/94/133 cfm (lo/med/hi)
top 30/62/95 cfm (lo/med/hi)
rear 14/22/30 cfm (o/med/hi)
Power Consumption 17-28 Watts
Dimensions 483 x 89 x 457 mm whd
Weight 5.5kg



Cool Stack 3

For stacks or rack mounting 1U



COOL STACK-3

4 x 120 mm fans
1 Unit rack mount enclosure
Noise level 18/24dB
Air flow front 22/60 cfm (idle/hi)
rear 24 cfm (full speed)
Power Consumption 7/9 Watts (idle/hi)
Dimensions 483 x 45 x 457 mm whd
Weight 5kg



System 2 Rack Mount
(see Group 2 for specs)

ATM | RACK COOLER
5 - An enclosed rack (in a closet or cabinet)



Cool Stack 2
 (see Group 4 for specs)

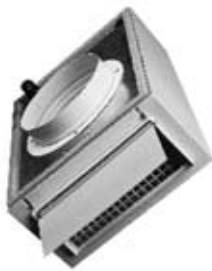


Cool Stack 3
 (see Group 4 for specs)

ATM | LARGE AIR
6 - A large enclosure (walk-in or coat-size closet)



Cool Cube 2 , 3 and 4
 (see Group 3 for specs)



System 1



SYSTEM 1

Fans	1 centrifugal blower
Airflow (free air)	140 CFM (in-line); 103 CFM (EXT)
Noise level	34 dBA with tubing attached
Power	43 watts (in-line); 55 watts (EXT)
Control	Optional
Dimensions (in-line)	241 dia x 211.l mm
Dimensions (EXT)	259w x 350h x 132d mm
Weight, boxed	3kg inline; 5kg EXT

ATM | PROJECTOR
7 - An enclosed video projector



System 2
 (see Group 2 for specs)



Cool Cube 2 , 3 and 4
 (see Group 3 for specs)



System 1
 (see Group 6 for specs)



Cool Stick 8

1U Rack mounted

COOL STICK- 8

8 x 50 mm mini fans
Power supply
Thermostat controlled variable
Rack mount
Noise level 18dB
Air flow 10-30cfm
Trigger temp 33° c



Cool Stick 16

1U Rack mounted

COOL STICK- 16

16 x 50 mm mini fans
Power supply
Thermostat controlled variable
Rack mounted
Noise level 21dB
Air flow 15-60cfm
Trigger temp 33°c



System 3

(see Group 2 for specs)



Cool Line 1 & 2

(see Group 3 for specs)

Comparison Chart

Product	Dimensions	Fans	Airflow	Weight	Noise Level	Trigger temp
System-2	400 x 196 x 69 mm (WHD)	2x 120 mm	20-40 cfm	1.3 kg	21 dB	Auto
System-2 R/M	482 x 133 x 69 mm (WHD)	3 x 120 mm	45 cfm	1.8 kg	26 dB	29-90
System-3	N/A	2 x 80 mm	30 cfm	T.B.D.	17 dB	Auto
System-4	114 x 216 x 80 mm (WHD)	6 x 80 mm	20-30 cfm	.9 kg	19-22 dB	32-38
Sec-1	216 x 114 x 69 mm (WHD)	2 x 80 mm	50 cfm	.9 kg	19 dB	33
CoolCube-2	152 x 152 x 254 mm (WHD)	5 x 120 mm	12-18 cfm	4.5 kg	18-30 dB	32-37
CoolCube-3	152 x 152 x 254 mm (WHD)	5 x 120 mm	25-40 cfm	4.5 kg	18-30 dB	32-37
CoolCube-4	152 x 152 x 254 mm (WHD)	5 x 120 mm	35-70 cfm	4.5 kg	18-30 dB	32-37
CoolStick-8	457 x 63 x 22 (WHD)	8 x 50 mm	10-30 cfm	.9 kg	18 dB	33
CoolStick-16	914 x 63 x 22 (WHD)	16 x 50 mm	15-60 cfm	1.8 kg	21 dB	33
CoolVent-2	393 x 139 x 69 mm (WHD) Cutout 355 x 101 mm (WH)	4 x 80 mm	20-30 cfm	1.8 kg	26-28 dB	33
CoolVent-3	393 x 180 x 69 mm (WHD) 355 x 152 mm (WH)	2 x 120 mm	30-50 cfm	1.8 kg	24-26 dB	33
DualMode	406 x 355 x 54 mm (WHD)	2 x 120 mm	25 cfm	4.0 kg	19 dB	33
Cool Sat	38 x 5 x 18 (WHD)	1 x 120mm	12 cfm	2.3 kg	16 dB	32
CoolStack-1	482 x 44 x 203 mm (WHD)	4 x 80 mm	40 cfm	3.6 kg	21 dB	32
CoolStack-2	482 x 88 x 457 mm (WHD)	6 x 120 mm	10-130 cfm	5.5 kg	22-42 dB	32
CoolStack-3	482 x 44 x 457 mm (WHD)	4 x 120 mm	60 cfm	5 kg	18/24 dB	Variable
Cool-It	381 x 51 x 171 mm (WHD)	2 x 120 mm	20 cfm	2.2 kg	18 dB	33
Cool Line 1 AL	600 x 62 x 100 mm (WHD)	1 x 300 mm	20/30 cfm	0.9 kg	16 dB	Variable
Cool Line 2 AL	1200 x 62 x 100 mm (WHD)	2 x 300 mm	30/50 cfm	1.8 kg	19 dB	Variable
Cool Line 1 WOOD	600 x 62 x 100 mm (WHD)	1 x 300 mm	20/30 cfm	0.9 kg	16 dB	Variable
Cool Line 2 WOOD	1200 x 62 x 100 mm (WHD)	2 x 300 mm	30/50 cfm	1.8 kg	19 dB	Variable
Cool Slim	280 x 280 x 40 mm (WHD)	2 x 80 mm	40 cfm	2.7 kg	19 dB	
Tri-Mode	279 x 9.4 x 229 (WHD)	1 x 120 mm	12 cfm	1.1 kg	17dB	