Roof mounted Fan Unit
(Smart Net Version)

- Standard fixing roof mounted fan unit for use in Cannon's Smart Net Enclosure
- 2, 4 and 6 fan option available (230 V 50Hz 45dB per fan)
- Supplied fitted with 3m mains lead and 13 amp UK plug
- Alternative plug options available including commando and IEC
- Low noise roof mounted fan unit option also available
- Fitted with finger guards

Finish: Painted Velvet Black to RAL 9005 as standard. Other colours are available on request.

Order Codes
Smart Net Roof Mounted Fan Unit

No. of Fans	Order code
2	135E01424202
4	135E01424204
6	135E01424206
Blanking plate	009C00121200

Vertical Flow 19-inch Fan Unit

Cannon 19-inch fan units offer simple temperature control by air movement using the 19-inch mounting posts. This is of particular use in wall mounted boxes.

- 1U high, requiring minimal mounting space
- 3 and 4 fan option available, (230V 50Hz 45dB per fan)
- Fitted with finger guards
- Complete with 2m cable and fused, moulded 13 amp plug
- Available as an option with an IEC socket for mains lead connection

Finish: Painted Velvet Black to RAL 9005 as standard. Other colours are available on request.

Order Codes

No. of Fans	Depth	Order code
3	210	195E01602103
4	385	195E01603904

Low Noise Roof-Mounted Fan Unit
(Smart Net Version)

General specification as the standard roof mounted Fan Unit but fitted with low noise fans with a sound level of 0/27db (A) per fan.

Finish: Painted Velvet Black to RAL 9005 as standard. Other colours are available on request.

Order Codes

No. of Fans	Order code
2	125E01424202
4	125E01424204
6	125E01424206
Blanking plate	009C00121200

Size conversions: 1U = 44.45mm = 1 3/4"   600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs

Varifan

Reduce carbon footprint and lessen noise

Varifan is an advanced thermal management system which provides controlled air cooling of enclosures in an infinitely variable manner.

When the heat load is low the fans are controlled to run at idle or low rpm. As temperature rises the fan speed adjusts steplessly to increase the flow of cooling air, maintaining equipment operating temperatures at pre-determined levels.

As well as protecting critical equipment against heat overload other benefits include:

- Low power consumption, therefore considerable savings on electricity expenditure
- Varifan can pay for itself very quickly and boost profit thereafter
- Very low noise
- Fan life is extended
- Alarms will alert management of fan failure
- Over temperature alarms provide critical warnings
- The smart electronics will increase the speed of fans to compensate for a failing fan thus maintaining air flow.
- N+1 redundancy with Dual Power Supply option

When integrated with CannonGuard the system will provide alarm alerts over the World Wide Web using SNMP.

Diagnostics via CannonGuard and CannonView provide 1000 lines of operational history for system management.

The Varifan may be integrated into the CannonGuard full environmental control and access system - see Section 8.

Finish: Painted Velvet Black to RAL 9005 as standard. Other colours are available on request.

Order Codes	
Roof Mounted Zero 'U' Varifan	
Roof mounted Varifan for ServerSmart Cab and Smart Cab	
4 fan	155E01601534
6 fan	155E01601536

Locally Monitored Varifan

Equipment Fan Cooling with Local Warning of Failure. See CannonGuard page 8.10. for remotely monitored Varifan.

Scope
A self-monitoring fan tray to aid cooling of your rack housed equipment. It comprises up to 4 fans which are electronically controlled. The speed of each fan is monitored and local alarms are triggered as a result of partial or total fan failure. These units can be upgraded to give total remote control and monitoring with the CannonGuard System - see Section 8.

Features
- Incorporates all the advantages of the Roof-Mounted Quick-Change Fan Unit - see page 5.4
- Lower average noise levels at normal room temperature
- Extended fan life due to lower average speed
- Fans can be controlled individually or in groups
- Constant or variable temperature range monitoring
- Can be controlled from anywhere in the world via the web when using CannonGuard

Specification
- Steel fan tray - standard format is Roof-Mounted Quick-Change Fan Unit - for other types e.g. Smart Net version, contact Sales Office
- Self-contained electronic control system – upgradeable with CannonGuard
- 4 fans 12V DC
- Maximum air flow 120cfm per fan at 51dB

Finish: Painted Velvet Black to RAL 9005 as standard. Other colours are available on request.

Order Code	
No. of Fans	Order code
4	155E00305000

Other versions of Varifan are available e.g. with 19-inch rack mountable control systems

Size conversions: 1U = 44.45mm = 1 $^{3}/_{4}$"   600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs