

ROOF-MOUNTED QUICK-CHANGE FAN UNIT (SERVERSMART CAB/SMART CAB VERSION)

Cannon's patented Quick-Change fan unit allows removal in seconds without the need to remove active equipment in the top positions within the cabinet and without the need to remove the cabinet roof or overhead cable trays.

- The Quick-Change fan tray allows the fan unit to be omitted during initial installation for fitting at a later time, and if heat loads warrant; this also simplifies project planning.
- The 3 pin IEC connection to the rear of the fan unit ensures an instant electrical break when fan is removed providing immediate safety.
- No flying leads exist, avoiding danger of entanglement or shorting out.
- Deep server cabs need roof cooling fans to be positioned further towards the rear of the cabinet for maximum efficiency, as fans too near the front of cabinet will starve cooling air flow to the front of servers ; Cannon Quick-Change fan unit can instantly be fitted to rear of the roof achieving this critical benefit.
- Front face of fan unit is set back (recessed) from roof edge as this provides protection for LED indicators and alarms when fitted.
- 2, 4 and 6 fan Quick-Change fan units available (230v 50Hz).

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.
Other colours available on request.



NUMBER OF FANS	PART CODE 13A PLUG 3A FUSE 3M LEAD	PART CODE 13A PLUG 3A FUSE 3M LEAD LOW SMOKE ZERO HALOGEN	Power Block 2M LEAD IEC C13 OPTIONAL	Power Block 2M LEAD IEC C13 LOW SMOKE ZERO HALOGEN OPTIONAL	Power Block 5M Orange Lead 3A FUSE 13A UK PLUG LSZH	Power Block Double 5M Orange Lead 3A FUSE 13A UK PLUG LSZH	Power Block 3M Orange Lead 3A UK LSZH
2	705E01510202	705E01510202LSZH	705E01580002	705E01580002LSOH	705E01510012	705E01510025	705E01510013
4	705E01510402	705E01510402LSZH	705E01580002	705E01580002LSOH			
6	705E01510602 <i>FOR USE ON 800 to 1200 DEEP CABS ONLY</i>	705E01510602 <i>FOR USE ON 800 to 1200 DEEP CABS ONLY</i>	705E01580002	705E01580002LSOH			

Quick-Fit Fan Unit (ServerSmart Cab/SmartCab versions only – SMARTCAB shown above & below)

SERVER SMART CAB & SMART CAB ROOF PANEL REFERENCE CHART

SIZE	SMART CAB		SERVER SMART	
SIZE	STD PANEL	FAN PANEL	STD PANEL	FAN PANEL
2	318C01345600	318C01345601	318C11345600	318C11345601
4	318C01345600	318C01345601	318C11345600	318C11345601
6	318C01345600	318C01346600	318C11345600	318C11346600



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

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HORIZONTAL FLOW FAN UNIT

The Cannon Quick-Fit 3U 19-inch Horizontal Air Flow Fan Unit can be assembled to the 19-inch equipment mounting posts in Cannon cabinets, or re-located to a new position, in seconds.

No more fiddly screws, cage nuts and washers, just two Cannon 1/8 turn Quick-Fit buttons. The unit is designed to assist in the horizontal movement of air where high thermal loads exist, such as in Server applications.

Held in place by two pre-formed hooks and two Quick-Fit buttons.

Supplied: Complete with two Cannon Quick-Fit buttons and installed with three axial 230 VAC fans, finger guards and 2m lead with moulded 13 amp plug (230VAC Version Only).

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Other colours available on request.

OPTION 1

19-inch Mounted Fan Unit which EXHAUSTS warm air horizontally from the cabinet

- 3 fans
- 2m lead
- 13A fused moulded plug (230VAC option only)

VOLTAGE	PART CODE	NOTE
230VAC	725E03600002	UK PLUG
230VAC	725E03600002LSOH	UK PLUG, Low Smoke Zero Halogen
48VDC	725E03600006	ORANGE 5M CABLE
-48VDC	725E05522303	ORANGE 3M CABLE
230VAC	725E03600007	IEC PLUG 3M ORANGE CABLE
48VDC	725E03600008	WHITE 3M CABLE
230VAC	725E03600009	NO PLUG 3M ORANGE LEAD
230VAC	725E03600010	IEC PLUG 3M BLACK LEAD



OPTION 2

19-inch Mounted Fan Unit which INPUTS cool air horizontally into the cabinet

- 3 fan
- 230VAC
- 2m lead
- 13A fused moulded plug

VOLTAGE	PART CODE
230VAC (UK PLUG 2M CABLE)	725E03600003
230VAC (UTE/SCHUKO PLUG 2M WHITE CABLE)	725E03600004
230VAC (IEC PLUG 2M WHITE CABLE)	725E03600005

LOCALLY MONITORED VARIFAN

Equipment Fan Cooling with Local Warning of Failure.

Scope

A self-monitoring fan tray to aid cooling of your rack housed equipment. It comprises of up to 6 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 – contact Cannon for further details.

Features

- Incorporates all the advantages of the Roof-Mounted Quick-Change Fan Unit
- 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



Specification

- Steel fan tray - standard format is Roof-Mounted Quick-Change Fan Unit – see below for SMARTNET options
- Self-contained electronic control system – upgradeable with CannonGuard
- 2 to 6 fans 12V DC
- Maximum air flow 120cfm per fan at 51dB

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Other colours available on request.

NUMBER OF FANS	PART CODE	COMMENT
2	155E00305003	SMARTNET ONLY
4	155E00305000	SERVERSMART & SMART CAB
4	155E00305001	SMARTNET ONLY
6	155E00305002	SERVERSMART & SMART CAB

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

ROOF MOUNTED FAN UNIT (SMART NET VERSION)

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

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.
Other colours available on request.

Number of Fans	Order Code	Comments
2	135E01424202	Requires Roof Fan Cover Plate*
4	135E01424204	Requires Roof Fan Cover Plate*
6	135E01424206	Requires Roof Fan Cover Plate*
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: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

NUMBER OF FANS	PART CODE
2	195E01602103
4	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: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

NUMBER OF FANS	PART CODE
2	125E01424202
4	125E01424204
6	125E01424206
BLANKING PLATE	009C00121200

*Smart Net/Server Cabinet Roof Top Fan Cover Plate

CAB Size (w x d)	Order Code	CAB Size (w x d)	Order Code
600 x 600	318C00606000	800 x 600	318C00806000
600 x 800	318C00608000	800 x 800	318C00808000
600 x 1000	318C00609900	800 x 1000	318C00809900
600 x 1200	318C00601200	800 x 1200	318C00801200

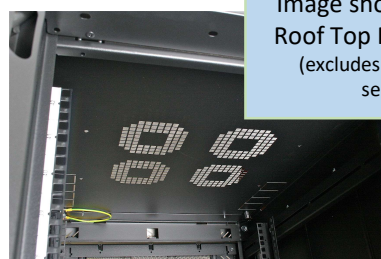


Image shows SMARTNET Roof Top Fan Cover Plate (excludes fan unit – order separately)