ELITE QUIETCAB SOUNDPROOF CABINETS

◆ **BLACK BOX**

OVERVIEW

ELITE QUIETCAB SOUNDPROOF SERVER CABINETS DATA SHEET

INTRODUCTION

The Elite QuietCab Soundproof Server Cabinets reduce noise by 31 decibels (dB), effectively removing 99.9% of IT noise.

The cabinet design ensures noise canceling without compromising cooling capacity. To reduce sound, the inside of the Elite QuietCab is heavily lined with one of the most effective acoustic materials available. The cabinets have a thermal load capacity of up to 12 kW.

FEATURES

- INCREDIBLY QUIET! REDUCES EQUIPMENT NOISE TO A LEVEL BELOW BACKGROUND NOISE IN AN AVERAGE OFFICE OR EVEN TO A WHISPER.
- ATTENUATES SOUND BY AN AMAZING 31 DB — THE MOST YOU CAN GET TODAY IN A SOUNDPROOF ENCLOSURE.
- INNOVATIVE AIRFLOW DESIGN ACHIEVES A STAGGERING 12-KW HEAT DISSIPATION.
- NOISE REDUCTION IS ACHIEVED WITHOUT COMPROMISING COOLING CAPABILITY.

- AN INTEGRATED IOT DEVICE CONNECTS TO MULTIPLE SENSORS THAT CAN BE MONITORED AND CONTROLLED THROUGH A GRAPHICAL USER INTERFACE VIA A BROWSER OR ANY OTHER DEVICE.
- REAL-TIME ALERTS AND LEDS AT THE CABINET FRONT WILL IMMEDIATELY NOTIFY YOU OF ANY ISSUES WITHIN YOUR CABINET.
- 19-INCH M6 RAILS ARE FULLY ADJUSTABLE.
- GENEROUS CABLE MANAGEMENT SPACE IS BUILT IN.
- ACCOMMODATES ALL LEADING SERVERS, INCLUDING BLADE SERVERS.
- LOCKABLE FRONT AND REAR DOORS KEEP EQUIPMENT SAFE AND SECURE.
- ALL DOORS AND PANELS QUICKLY REMOVE AND REFIT, MAKING MAINTENANCE EASY.
- CABLE ENTRY POINTS VIA REMOVABLE GLAND PLATES AT THE TOP AND BOTTOM OF THE CABINET.
- INCLUDES LOAD-BEARING CASTERS.

COMPARISON CHART

SPECIFICATION COMPARISON CHART		
	QCE12U-R2	QCE24U-R2	QCE42U-R2
USABLE HEIGHT	12U	24U	42U
EXTERNAL CABINET DIMENSIONS (INCLUDES CASTERS)	28.4" H x 30.7" W x 47.6" D (72.1 x 78 x 121 cm)	49.2" H x 30.7" W x 47.64" D (125 x 78 x 121 cm)	80.7" H x 30.7" W x 47.64" D (205 x 78 x 121 cm)
MAXIMUM RACKMOUNT UNIT DEPTH	33.47" measured from front blanking plate surface to inside of rear door	33.47" measured from front blanking plate surface to inside of rear door	33.47" measured from front blanking plate surface to inside of rear door
ASSISTED COOLING MECHANISM	(2) ultra-quiet rear fans	(2) ultra-quiet rear fans	(2) ultra-quiet rear fans
ASSEMBLED WEIGHT WITHOUT RACKMOUNT EQUIPMENT	260 lb. (118 kg)	395 lb. (179 kg)	690 lb. (313 kg)
MAXIMUM DISTRIBUTED LOAD (TOTAL EQUIPMENT WEIGHT)	1,102.3 lb. (500 kg) with casters; 2,204.6 lb (1000 kg) without casters	1,102.3 lb. (500 kg) with casters; 2,204.6 lb (1000 kg) without casters	1,102.3 lb. (500 kg) with casters; 2,204.6 lb (1000 kg) without casters
CASTERS	Supplied	Supplied	Supplied
CABLE ACCESS DIMENSIONS	3" x 3"; (3) top + (3) bottom	3" x 3"; (3) top + (3) bottom	3" x 3"; (3) top + (3) bottom
CABINET COLOR	Black with blue trim	Black with blue trim	Black with blue trim
DIST INGRESS PROTECTION	Optional removable and washable filter is available	Optional removable and washable filter is available	Optional removable and washable filter is available
EXTERNAL HEIGHT*	28.4" (72.1 cm)	49.2" (125 cm)	81" (205.7 cm)
MAXIMUM RAIL DEPTH**	33.5" (85 cm)	33.5" (85 cm)	33.5" (85 cm)
POWER	1 Amp	1 Amp	1 Amp
ATTENUATION PERFORMANCE***	31 dB	31 dB	31 dB
MAXIMUM HEAT LOAD****	12 kW	12 kW	12 kW
DELIVERY	Delivered fully assembled and ready to go	Delivered fully assembled and ready to go	Delivered fully assembled and ready to go

* On casters.
** Between 19" mounting angles.
*** 0.5 dBA is gained by using blanking panels.
**** See thermal guidelines.

PHOTOS: ACTIVE CABINETS

ELITE QUIETCAB SOUNDPROOF SERVER CABINETS, 12U AND 24U (ACTIVE)

FRONT VIEW, DOORS CLOSED

FRONT VIEW, DOORS OPEN

QCE12U-R2

QCE12U-R2

FRONT VIEW, DOORS CLOSED

BACK VIEW

QCE24U-R2

QCE24U-R2

FRONT VIEW, DOORS OPEN

QCE24U-R2

PHOTOS: ACTIVE CABINETS

ELITE QUIETCAB SOUNDPROOF SERVER CABINETS, 42U (ACTIVE)

FRONT VIEW, DOORS CLOSED

QCE42U-R2

BACK VIEW

QCE42U-R2

FRONT VIEW, DOORS OPEN

QCE42U-R2

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ORDERING INFORMATION

ITEM	CODE
Elite QuietCab Soundproof Server Cabinets	
12U	**QCE12U-R2**
24U	**QCE24U-R2**
42U	**QCE42U-R2**
Elite QuietCab Accessories	
Cable Entry Box	**QCE-CEB**
Filler Panel, 1U	**QCE-SPFP-1U**
Filler Panel, 5U	**QCE-SPFP-5U**
Vertical Cable Manager, 42U	**QCE-VM-42U**
Grounding Kit	**QCE-GK**

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Every day, our customers trust us to design, integrate, and maintain reliable control room solutions for broadcasting, post-production, stadiums & arenas, medical, air traffic control, oil & gas, government & military, and utility industries. Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.

NOTES

TRADEMARKS