

# COMPRESSOR *(fabric backed vinyl concertina system)* - Technical Information

SYSTEM TYPE	STANDARD STACK	WIDE STACK
Panel Suspension	Top hung, floor supported option available	Top hung, floor supported option available
Track System	Aluminium channel	Aluminium channel
Nominal Stack Width	255mm	410mm
Stack Depth Calculations	15db - 1/7 of system width + 125mm 24dB - 1/5 of system width + 125mm 32dB - 1/4 of system width + 125mm 35dB - 1/4 of system width + 125mm	15db - 1/12 of system width + 125mm 24dB - 1/11 of system width + 125mm 32dB - 1/10 of system width + 125mm 35dB - 1/10 of system width + 125mm
System Height	Up to 6,000mm	Up to 6,000mm
Timber Fixing Requirements	150mm x 50mm Head Fixing. 100mm x 25mm Jamb fixing	220mm x 50mm Head Fixing. 100mm x 25mm Jamb fixing
Frame Construction	Aluminium/Steel	Aluminium/Steel
Face Material	Fabric backed vinyl	Fabric backed vinyl
Fire Safety	Class '0' surface spread of flame as standard	Class '0' surface spread of flame as standard
Top & Bottom Sweep Seals	Optional	Optional
Locking	Lock optional	Lock optional
Acoustic Rating	15, 24, 32, 35dB	15, 24, 32, 35dB
System Weight	Approx. 6-22 Kgs per m <sup>2</sup>	Approx. 6-22 Kgs per m <sup>2</sup>



## CONTACT US

[www.variwall.co.uk](http://www.variwall.co.uk)

Email: [info@variwall.co.uk](mailto:info@variwall.co.uk)

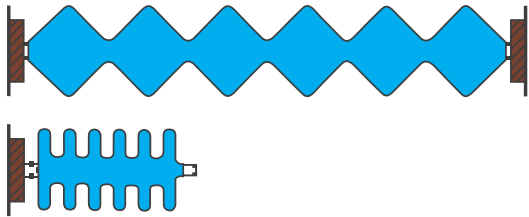
Tel: 01562 744 313

8 College Walk, Kidderminster, DY10 1PL

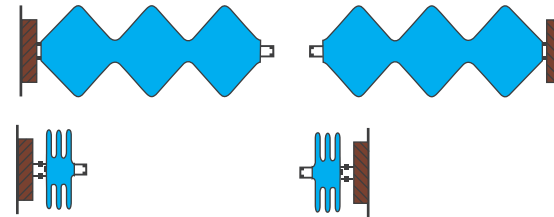
FURTHER TECHNICAL INFORMATION IS AVAILABLE UPON REQUEST  
PLEASE CONTACT OUR SALES TEAM FOR DETAILS

# COMPRESSOR Stacking Options

## SINGLE WING STACK



## BI-PARTING STACK



# COMPRESSOR Acoustic Information

ACOUSTIC RATING (dB Rw)	APPROXIMATE PANEL WEIGHT (Kgs per m <sup>2</sup> )
15	6
24	10
32	18
35	22

Sound reduction dB ratings are often quoted from laboratory test results which are misleading in respect of final performance values. They are merely useful for initial specification purposes. Independent on-site tests as carried out by Variwall Partitions Limited are recommended as in-situ results will differ from laboratory test certification and are therefore the only true guide to achievable sound attenuation.

Please note that we are available to provide sound certificates upon request.



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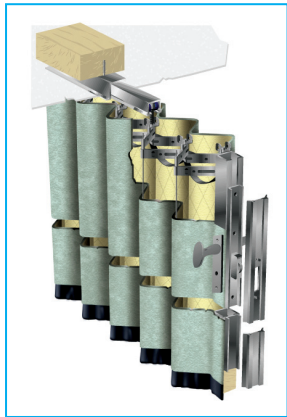
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# COMPRESSOR Fixing Details

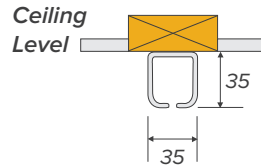


HEAD TRACK DETAIL

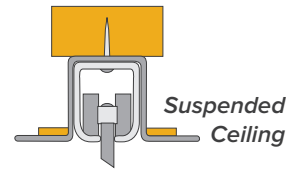
CONCEALED



EXPOSED



CONCEALED  
Suspended Ceiling



The Variwall Partitions COMPRESSOR system is a predominantly top hung system although it may be floor supported if required. This system is very lightweight (the 15dB option weighs just 6Kgs per m<sup>2</sup>) and is easily fitted to a timber surrounding frame.

The stacking arrangements are mostly either single wing - stacking to one side or bi-parting - stacking to both sides. However, floating wings and curved partitions are also possible with the system.

# COMPRESSOR Colours



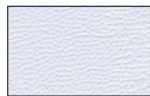
Blue Bay  
(YVA030)



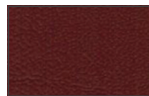
Champagne  
(YVA003)



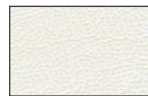
Cinder Grey  
(YVA031)



Light Grey  
(YVA032)



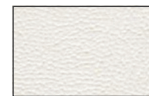
Hearty  
Burgundy  
(YVA033)



Ivory  
(YVA048)



Laguna  
Green  
(YVA034)



Latte  
(YVA046)



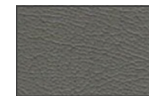
Lime  
(YVA045)



Lite Beige  
(YVA047)



Lollipop Red  
(YVA035)



Moonrock  
(YVA050)



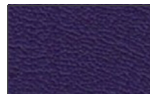
Sandsurf  
(YVA049)



Slate Black  
(YVA039)



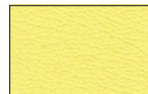
Smoke Grey  
(YVA040)



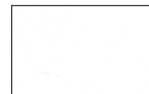
Sport Purple  
(YVA043)



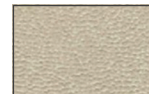
Tide Pool  
Green  
(YVA041)



Yellow  
(YVA042)



Mystic White  
(YVA008)



Oatmeal  
(YVA009)



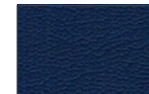
Off White  
(YVA036)



Orange  
(YVA044)



Regal Blue  
(YVA037)



Royal Blue  
(YVA038)



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# COMPRESSOR NBS Style Technical Specification

## L20 A DOORS/SHUTTERS/HATCHES

### 545 MOVABLE SLIDING/FOLDING PARTITION WALL SYSTEM TO.....

**SUPPLIER:** Variwall Partitions Limited, 8 College Walk, Kidderminster, DY10 1PL; Tel: 01562 744 313 Web: [www.variwall.co.uk](http://www.variwall.co.uk)

**PRODUCT REFERENCE:** COMPRESSOR fabric backed vinyl concertina partition system

**ACOUSTIC RATING:** Rw 15, 24, 32 and 35dB

#### **PARTITION ABUTMENTS:**

**Head:** Directly fixed to a suitable supporting structure, typically a 150xx x 50mm timber goalpost frame

**Floor Finish:** TBC

**Floor Track:** Available optionally

**Wall/Vertical Structure:** Timber lining by others

**SEALS:** Top, bottom rubber sweep strips depending on acoustic rating.

**CONSTRUCTION:** Steel pantographic frame with fabric vinyl covering. Vinyl is flame retardant to class '0' and class '1' and conforms to BS 5852 Part 1 1979.

**FINISH:** Fabric backed vinyl from our standard range.

**OPENING SIZES:** .....mm wide x .....mm high

**COMPRISING OF:** Single wing / Bi-parting / Floating wing

**STACK DIMENSIONS:** .....mm wide x .....mm deep

#### **ADDITIONAL NOTES:**

Curved tracks and inter-sections are available.

24 colours are available from our standard range; other colours are available on request.

Differing colours are also available on either size.

Vinyl is mildew resistant and restricts bacterial growth.

Vision Panels can be incorporated.

Stacking width can be either standard (255mm) or wide (410mm) dependant on requirements.



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