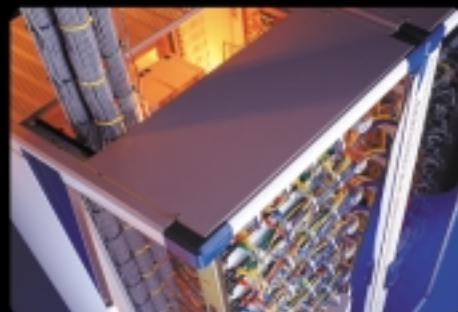
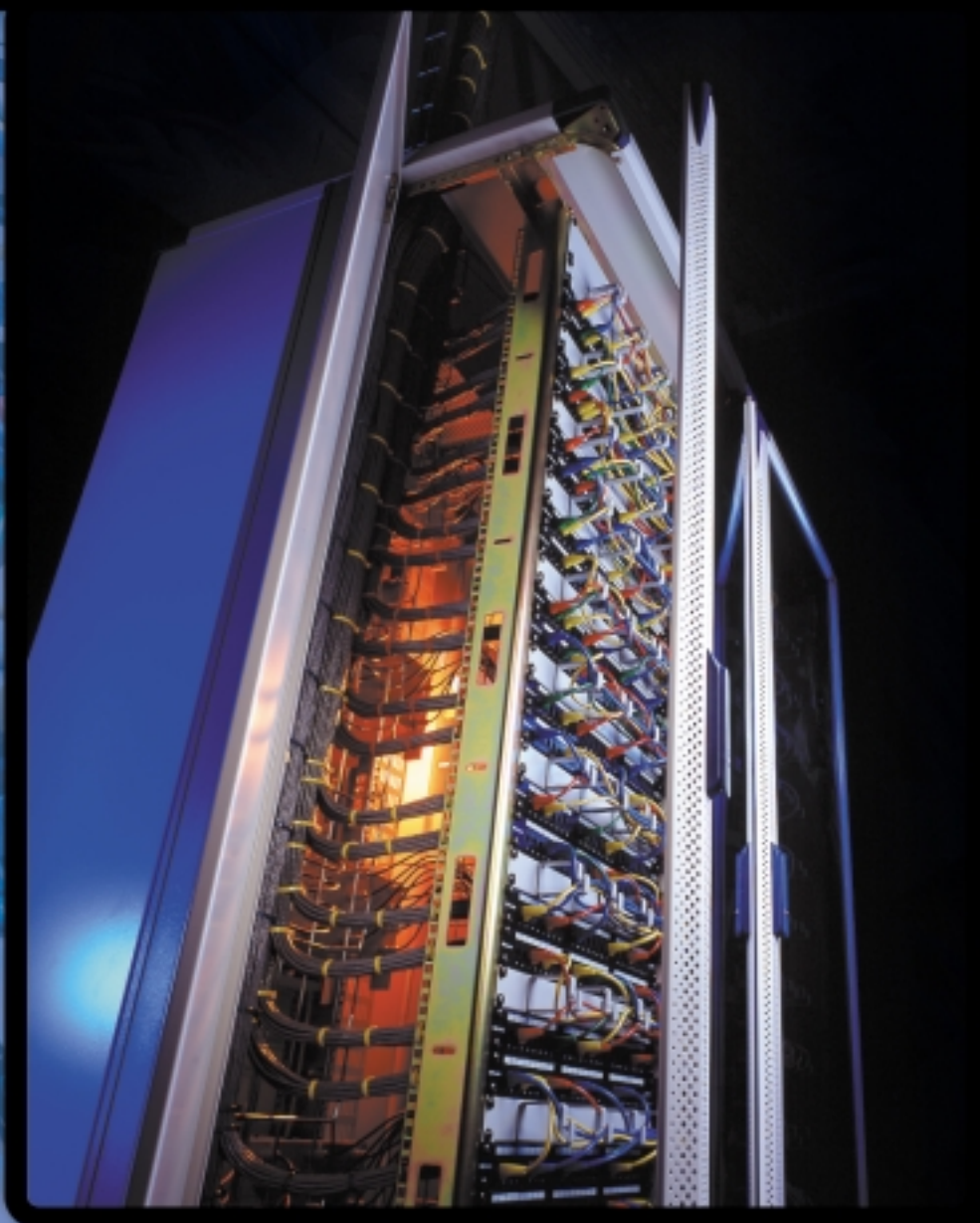




ACCESS

cabinet system

networking • datacoms • telecoms • electro/electronics



providing unrivalled cabling and installation access



ACCESS

the ultimate Networking, Data and Telecomms Cabinet

Access provides unique, working and cabling accessibility to totally transform cabinet installation layouts, on-site installation time and on-going system management.

Using a twin cantilever system based around two tubular end frames joined by two central extrusions, Willsher & Quick have created the Access cabinet as a direct response to the demands of modern communications markets. Access dramatically improves installation time and layout arrangements reducing cost of ownership.

Totally open construction

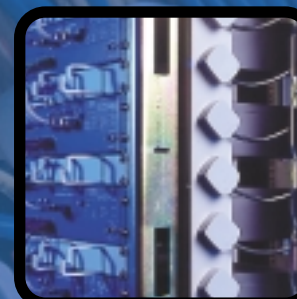
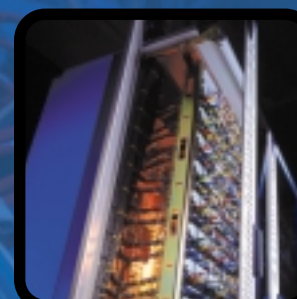
- no corner posts
- unrivalled working access
- perfect cabling facilities
- unrestricted top/base cable entry

Network installations made easy

Stylish appearance

- blends elegance with functionality

Reduced cost of ownership



Benefiting

system designers • installers • network managers



ACCESS

External/entry

features & benefits

Access provides unique features to benefit system designers, installers and network managers.

The unique construction, open architecture without corner posts, enables the quick removal of all panels/doors to completely expose the open frame for installation of cables and/or equipment. Far neater, faster and user-friendly cable installations are possible compared with conventional cabinets. The resultant installation is much easier to maintain with ready access to equipment and patch panels and the avoidance of messy, haphazard cabling arrangements.

The elimination of corner posts also removes the need to excessively inset 19" mounting angles, achieving maximum equipment and working space.



Doors Glazed door

- quality, toughened smoked glass (grey)
- ventilated trims assist thermal management
- hinge left or right
- quick release, removable
- key lockable security

NB. If required, glass doors can be fitted with an unobtrusive, self adhesive 'earthing strip', fixed to internal face at base of glass door to maintain complete earthing continuity. Please specify with your cabinet order (extra cost).



Plain steel door

- quick release, removable
- key lockable security

NB. Part or fully vented options available to order.

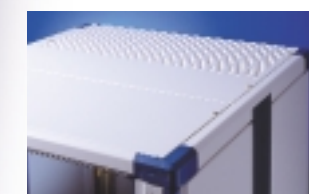
Earthing points

- earthing points are provided throughout cabinet system



Corner Mouldings

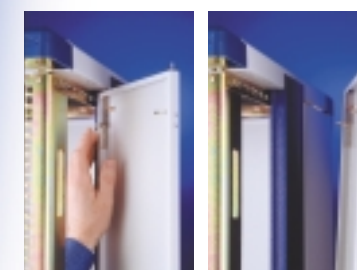
- quality, blue feature mouldings



Top panels

- plain (1 off each model)
- vented (1 off each model)
- infill (875D model only)

Removal of top panels creates a totally open cable access area (base area remains open as standard).



Twin side panels (2 pairs)

- split depth - space saving
- pivots left/right or easily removed
- internal, quick release latches
- lightweight, easily manoeuvrable
- hi-security

Central Support

- quality extrusion, painted blue



Plinth Kit

- optional accessory; used with castors and/or jacking feet

Accessories

A wide selection - on pages 8-11



ACCESS

Internal/mounting

features & benefits

The Access cabinet open frame structure provides virtually 360° total accessibility prior to fitting panels and doors which gives installers maximum working access and the opportunity to greatly improve installation times.

- no corner posts
- unrivalled working access
- perfect cabling facilities
- unrestricted top/base cable entry

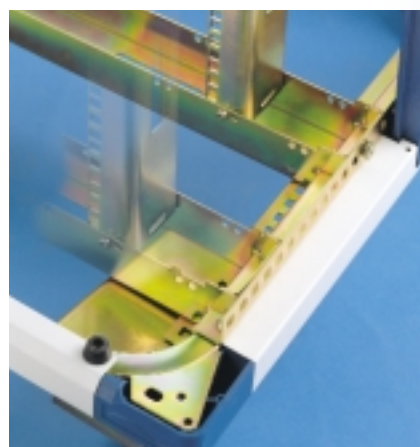
19" Mounting Angles (optional)

- front to rear adjustment
Easily repositioned - even with heavy equipment mounted
- lateral adjustment
(800W model only)



Lateral adjustment (800W models only)

NB. Full width positioning of 19" vertical mounting angles in 800W models to accept full width shelves is achieved by removing 'lateral support and adjustment channel' and fixing 19" mounting angles to 'front to rear mounting adjustment strips'



Front to rear adjustment 800W models



Front to rear adjustment 600W models



Cabinet Basic Frame



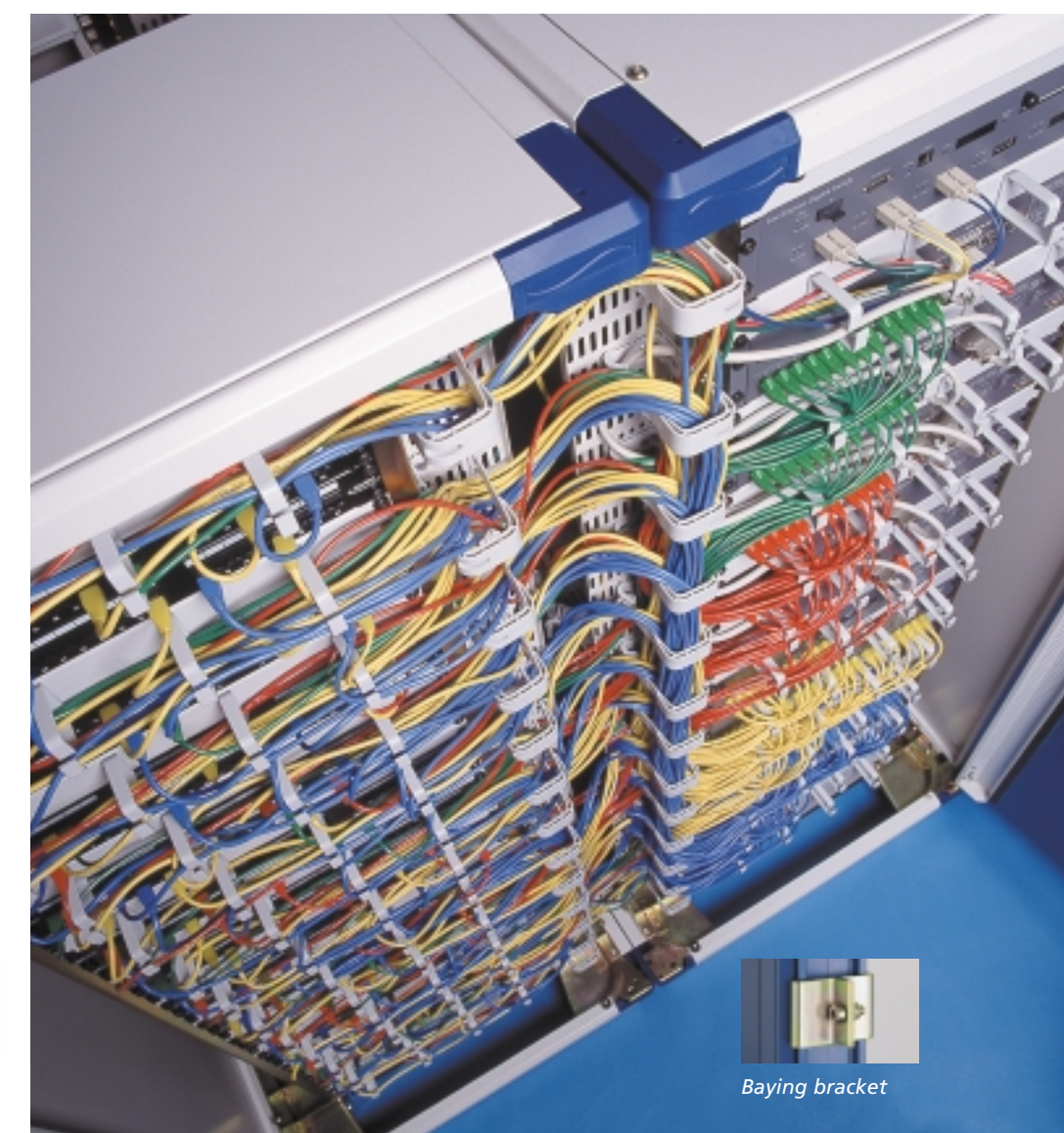
Cabinet Standard Configuration: includes 19" mounting angles (4). Plinth (with castors/jacking feet) is an optional accessory

Baying

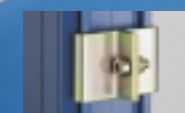
features & benefits

Baying Access cabinets dramatically demonstrates the design benefits of not having corner posts or front to rear members, with patching/cable runs able to freely pass, uninterrupted, from one cabinet to the next - impossible with conventional designs.

- uninterrupted lateral cable runs, unique to Access
- side panel removal does not change overall foot print
- side panels need not be removed, when baying
- fast coupling system



Front face of bayed cabinets with clean cable runs from one to the other



Baying bracket

ACCESS

Accessories



Plinth Kit

Four corner plates (factory fitted if specified with order) fit to underside of base frame providing access on all sides by fitting castors and/or jacking feet which raise the cabinet by a nominal 104mm.

4 trim plates neatly infill the gap between base frame and floor (when 'baying cabinets' order separate additional 'infill plates' - see table below).

N.B. Plinth kit must be used with castors and/or jacking feet - order separately.

Description	Cabinet size W x D	Order Code
Plinth kit single cabinet	600 x 675	AMP66
Plinth kit single cabinet	600 x 875	AMP68
Plinth kit single cabinet	800 x 675	AMP86
Plinth kit single cabinet	800 x 875	AMP88
*Bayed cabinet - infill plates (2 off)	n/a	AIP

**fills gap between adjoining bayed cabinet trim plates*



Castors

Fit to 'plinth kit' or 'adaptor plate' (order separately).

Castors increase overall cabinet height by 104mm.

Maximum load bearing per castor is 350kg.

Description	Order Code
Castors (4 off set)	ACK



Jacking feet

Level and stabilise cabinets on uneven floors.

Fit directly to 'plinth kit' or 'adaptor plates' (order separately.)

Description	Order Code
Jacking feet	AJF



Adaptor plate

Fit to each corner in underside of the base of the cabinet (factory fitted if specified with order) to enable acceptance of either a Castor or Jacking Foot as preferred (order separately.)

Description	Order Code
Adaptor plate kit (4 off set)	AJFK



Baying Bracket Kit

Enables two adjoining Access cabinets to be coupled side by side by linking the main vertical supports. 4 off brackets recommended per bay.

Description	Order Code
Baying Bracket Kit (4 off)	ABK



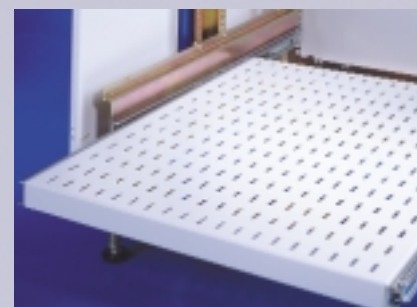
Sliding Shelves - load capacity 35kg

Telescopic slide mounted, ideal for supporting servers or other equipment, enabling full shelf depth withdrawal from the cabinet. Fits directly to 19" mounting angles and includes 'full width' (800W) model. Fixings provided.

Material and finish: 1.2mm steel, painted light grey.

Description	Depth	19" STD Mounting	Full Width 800W*
Sliding shelf	390	TSV39	-
Sliding shelf	454	TSV45	TFWSV45
Sliding shelf	581	TSV58	-
Sliding shelf	627	TSV62	-

**Fits 800W models only, with 19" mounting angles set to extreme full width of cabinet*



Heavy duty, 'server' shelf - load capability 75kg

Telescopic slide mounted, heavy duty shelf, ideal for supporting heavy equipment such as large servers. Two width options enable fixing between 19" mounting angles at standard 19" setting or 'full width' versions that suit 800W Access cabinets.

Description	Depth	19" STD Mounting	Full Width 800W*
Heavy duty shelf	390	ASS390	-
Heavy duty shelf	580	ASS580	-
Heavy duty shelf	390	-	ASSFW390
Heavy duty shelf	580	-	ASSFW580

**Full width version fits between one pair of 19" mounting angles at full width rear setting and main support upright using 'Intermediate Mounting Posts' (order separately). Available mid 1999.*



19" Vented fixed shelves

Vented steel, painted shelf with fixing hole positions to permit front or side fixing to 19" mounting posts.

Description	Depth	19" STD Mounting	Full Width 800W
19" Vented, fixed shelf	390	SV39	-
19" Vented, fixed shelf	454	SV45	FWSV45
19" Vented, fixed shelf	581	SV58	-
19" Vented, fixed shelf	627	SV62	-

**Full width version fits between maximum width settings of 19" posts in 800W cabinets. Note: SV39 fits 19" posts in 675 deep rack default positions. SV58 fits 19" posts in 875 deep rack default positions.*



19" Front mounting cantilever shelves

Fit to front face of 19" mounting posts, with posts set at standard 19" width. Ideal for modems, hubs or other networking equipment.

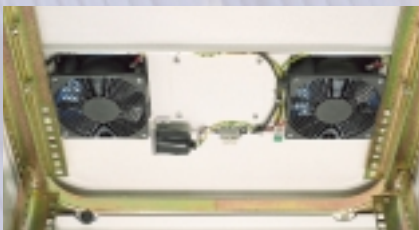
Material and finish: 1.5mm steel, painted light grey.

Description	Height 'U'	Depth	Order code
19" Front mounted shelf	1	190	MS19
19" Front mounted shelf	2	400	MS40
19" Front mounted shelf	3	400	MS403



ACCESS

Accessories



Roof fan tray

Mounted directly into cabinet top frame and replaces single, plain or vented panel. Each fan tray comprises 2 off 119mm square x 38mm flat axial fans. A removable central blanking plate enables the addition of a third fan (order separately).

Cabinet Width	Order Code
600mm	A6FT
800mm	A8FT
Extra fan unit (1 off)	AAF

With IEC socket, supply lead ordered separately

Fan specification (per fan)
Airflow (max)160m³/hour
Fan speed2650rpm
Electricity supply230V-1ph-50Hz



19" Mounted fan trays

Provides forced ventilation in 1U of height. Position at height required, directly to 19" mounting angles. Two model options provide 3 off or 6 off flat axial fans, wired into fan housing with illuminated front mounted, red indicator lamp (240V-1ph-50Hz).

Description	Order Code
3 Fan	IVU3
6 Fan	IVU6

Fan specification (per fan)
Airflow (max)100m³/hour
Electricity supply230V-1ph-50Hz



19" Front Panels.

Blank-off unused portions of 19" front mounting area or provide mounting face to suit customers requirements. Available in heights from 1U to 6U in 1U increments, plus a 12U size.

Material and finish: 1.5mm steel, painted light grey or satin anodised aluminium

Description	Height 'U'	*Steel	*Aluminium
19" Front panel	1	PPS1	PPA1
19" Front panel	2	PPS2	PPA2
19" Front panel	3	PPS3	PPA3

*Specify other 'U' height sizes by adopting the same order prefix for steel (PPS) or aluminium (PPA) panels and add the U height as a suffix e.g. PPS12 or PPA12.

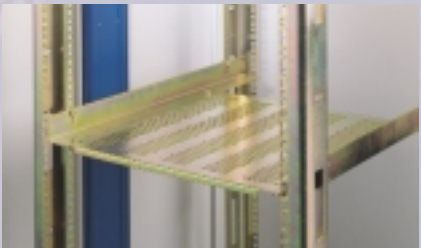


Chassis Runners

Fix directly between front/rear 19" mounting angles to accept standard vented 'chassis tray' (order separately) or customers equipment.

Material and finish: 1.5mm steel, zinc plated, colour passivated.

Description	Depth	Order code
Chassis runners (2 off)	380	CR39
Chassis runners (2 off)	444	CR45
Chassis runners (2 off)	571	CR58
Chassis runners (2 off)	627	CR62



Chassis trays

Ventilated tray with fixings to fit directly on chassis runners (order separately.) Two depths, 230 or 455mm.

Material and finish: 1.5mm steel, zinc plated, colour passivated.

Description	Depth	Order Code
Chassis tray	230mm	CT230
Chassis tray	455mm	CT455



Cable trays

Perforated steel cable trays in two widths.

Material and finish: 1.5mm steel, zinc plated, colour passivated.

Description	Height 'U'	75mm Wide	150mm Wide
Cable tray	27	ACTR27	ACTRW27
Cable tray	39	ACTR39	ACTRW39
Cable tray	42	ACTR42	ACTRW42
Cable tray	47	ACTR47	ACTRW47



Cable basket trunking

Heavy gauge rod, cable trunking, in two widths.

Material and finish: Steel rod, bright zinc plated.

Description	Height 'U'	150mm Wide	300mm Wide
Basket Trunking	27	ABS2715	ABS2730
Basket Trunking	39	ABS3915	ABS3930
Basket Trunking	42	ABS4215	ABS4230
Basket Trunking	47	ABS4715	ABS4730



Plastic cable hoop

Strong cable hoops in two sizes with single hole fixing. Neat, hinged gate clip action simplifies cable management.

Description	Order Code
Large plastic cable hoop	CTL
Small plastic cable hoop	CTS

Document wallet

Quality light grey plastic, self adhesive 250mm x 250mm.

Description	Order Code
Document wallet	DW

Intermediate mounting posts

Fit to inner face of 'Main Support Uprights' to provide intermediate set of 19" pitched mounting holes to accept standard M6 cage nuts. See 'Heavy duty server shelf as a working example.

Description	Height 'U'	Order Code
Intermediate mounting posts (2 off)	27	IMP27
Intermediate mounting posts (2 off)	39	IMP39
Intermediate mounting posts (2 off)	42	IMP42
Intermediate mounting posts (2 off)	47	IMP47

Earthing kit

Full set of earth leads with terminals at both ends.

Description	Order Code
Earthing kit	AEK

Front panel fixings

Pan head, posidrive pack M6 caged nuts and washers or Cheese head slotted M6 screws with grey/nylon cup washers.

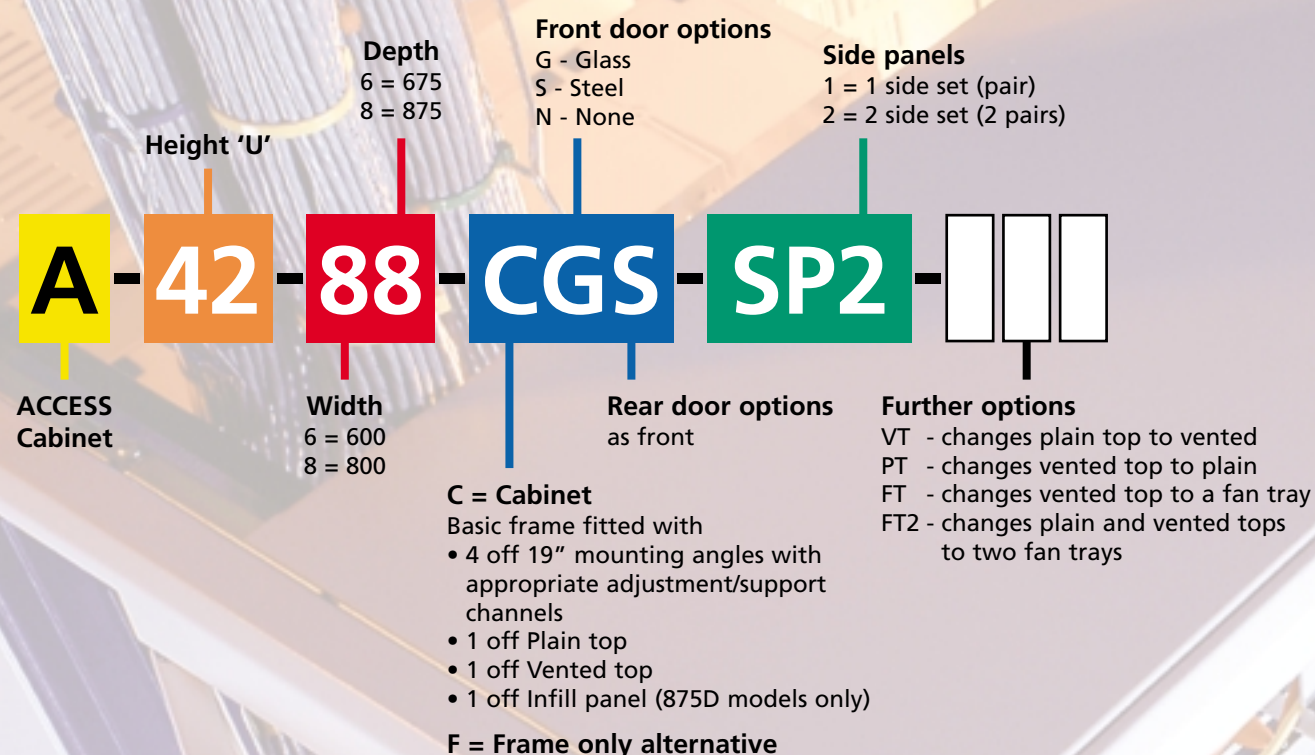
Description	Quantity	Order Code
Pan head, posidrive, M6 screws/washers	50 sets	FPFP
Cheese head, slotted M6 screw/grey nylon washers	50 sets	FPFC



ACCESS

How to specify/Standard Arrangements

This simple specifying code enables customers to easily detail their specific cabinet arrangements should the Standard Configuration not be suitable



Order Codes

Height 'U'	Size W x D	Cabinet Basic Frame	Cabinet Std Configuration
27	600 X 675	A2766-F	A2766-CGS-SP2-ST
27	600 X 875	A2768-F	A2768-CGS-SP2-ST
27	800 X 675	A2786-F	A2786-CGS-SP2-ST
27	800 X 875	A2788-F	A2788-CGS-SP2-ST
39	600 X 675	A3966-F	A3966-CGS-SP2-ST
39	600 X 875	A3968-F	A3968-CGS-SP2-ST
39	800 X 675	A3986-F	A3986-CGS-SP2-ST
39	800 X 875	A3988-F	A3988-CGS-SP2-ST
42	600 X 675	A4266-F	A4266-CGS-SP2-ST
42	600 X 875	A4268-F	A4268-CGS-SP2-ST
42	800 X 675	A4286-F	A4286-CGS-SP2-ST
42	800 X 875	A4288-F	A4288-CGS-SP2-ST
47	600 X 675	A4766-F	A4766-CGS-SP2-ST
47	600 X 875	A4768-F	A4768-CGS-SP2-ST
47	800 X 675	A4786-F	A4786-CGS-SP2-ST
47	800 X 875	A4788-F	A4788-CGS-SP2-ST

Access cabinets can be configured in many alternative arrangements, using standard elements. To simplify selection, two standard build options are offered, or completely customised arrangements can be provided from standard components as detailed below.

Cabinet basic frame

Comprising the top/bottom frames linked by the two centrally positioned 'main supports' ready to accept other Access components to suit - refer to Order Code table.

Cabinet standard configuration

A popular, standard configuration fitted with side panels/doors including 19" mounting angles - as detailed in the specification lists below - refer to Order Code table.

Customised from standard elements/accessories

Select your required configuration by simply completing the specifying code - refer to How to Order details.

Cabinet standard configuration

Available in 4 popular heights; 27, 39, 42 and 47U and 4 plan sizes of 600 x 675, 600 x 875, 800 x 675 and 800 x 875.

Each standard Access cabinet is supplied fully fitted as follows;

600W models

Complete top/bottom frame and main support uprights, fitted with

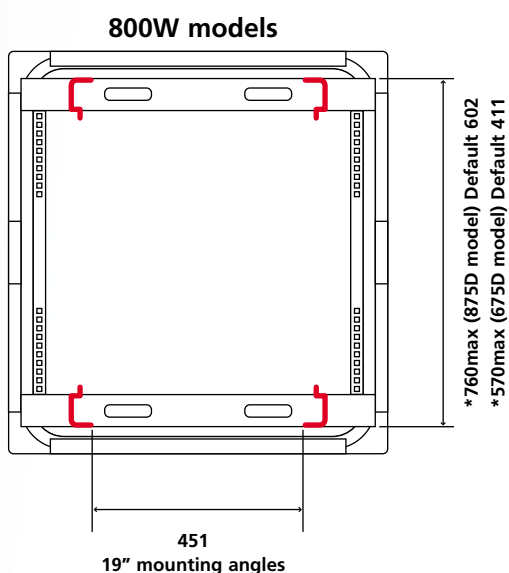
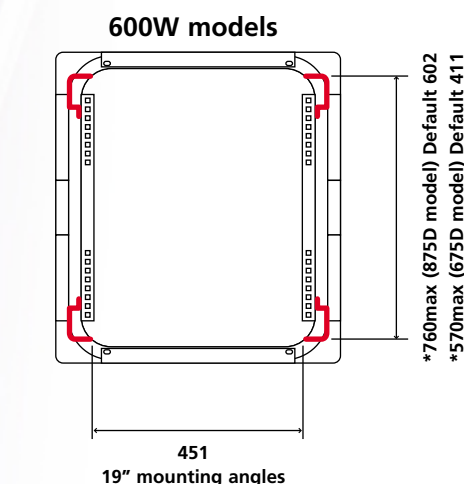
- 19" vertical mounting angles (4 off) front & rear, including front to rear mounting adjustment strips (4 off) - all fitted.
- Fully panelled top with
1 off plain panel, 1 off vented panel,
1 off infill panel (875D models only)
- Doors
Front - glazed, Rear - plain steel
- Side panels, 4 off (2 per side)

800W models

Precisely as 600W models except 19" vertical mounting angles include;

- lateral support and adjustment channels (4 off) - all fitted.

Basic plan dimensions



'U'	Overall height
27	1333
39	1867
42	2000
47	2222

*NB. For standard configurations maximum internal usable depth is full external depth (875/675) less 16mm



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