



AUSTRALIS

50MM ALUMINIUM MODULAR SYSTEM



DIY GUIDE

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SITE MEASURE

Planning is the first step of any successful project. We have a large range of sizes to allow for varying site requirements. Simply decide where you would like your pool fence to be located.

Below are some great tips on measuring your site:

- The minimum distance from the edge of the pool to the edge of fence is 600mm or more
- Watch out for underground cables and pipes when core drilling
- Aim to use as many of the same sized panels as possible to ensure a great looking end product
- Use a steel tape measure to ensure correct measurements are taken

MATERIALS

We can supply all of the fencing and extra components required.

For a standard semi-frameless glass fence project, you will require:

- Glass panels & glass gate
- Posts, top caps, cover plates or dress rings, aluminium infill & plastic protector
- Stainless steel hinges
- Magna latch set
- P40 & Red Captive glazing rubber
- Epirez instant grout

TOOLS REQUIRED

You will require some basic tools in order to complete your semi-frameless glass fence project installation:

- Steel tape measure
- String
- Core Driller/Post hole shovel
- Cordless drill
- Spirit level
- Angle grinder/hacksaw
- Stanley knife
- Screwdriver
- Soapy water

LOCATION

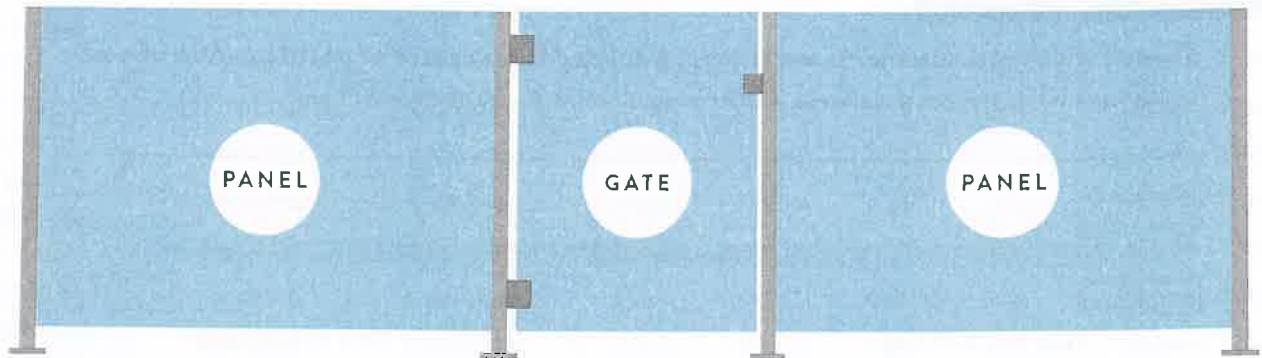
RING BEFORE YOU BEGIN!

Simply consult your local council before installing a pool fence to ensure compliance with any local by-laws. Council regulations vary from region to region and your local council can help with decisions on distances and heights of fences from neighbours and pavements. Mandatory safety regulations need to be strictly adhered to.

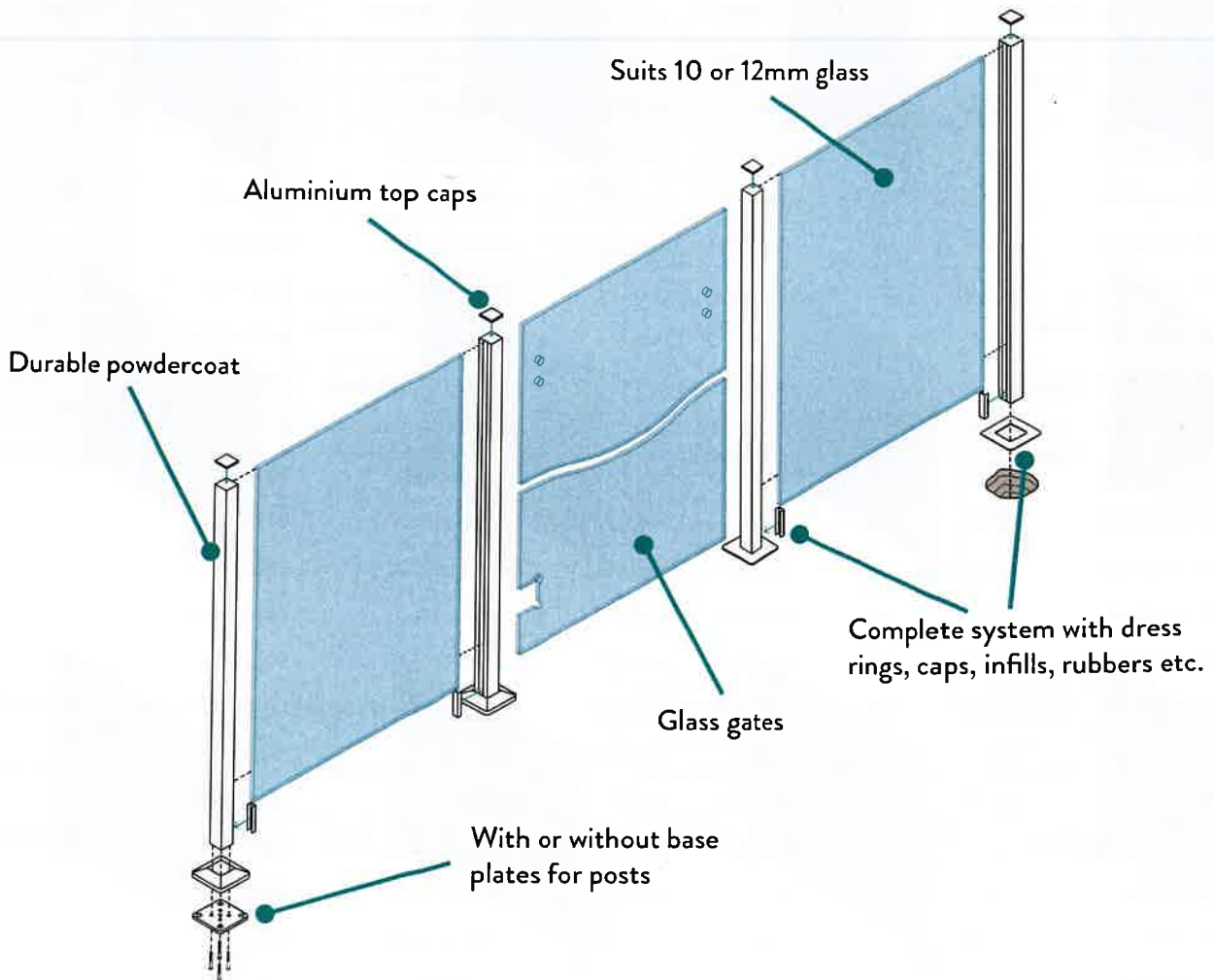


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TYPICAL GATE & PANEL SET UP



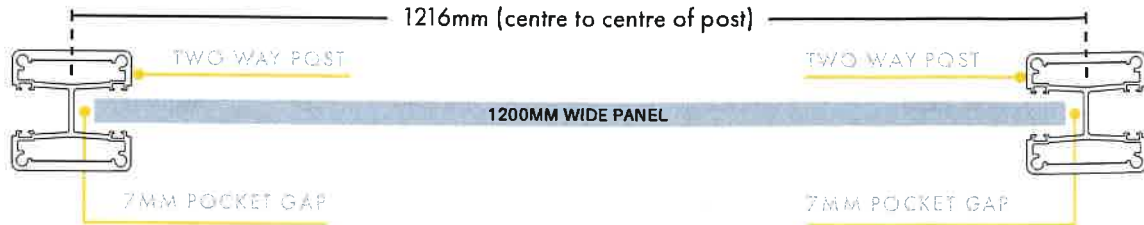
SYSTEM ADVANTAGES



12MM SEMI FRAMELESS PANELS LAYOUT

PANEL LAYOUTS

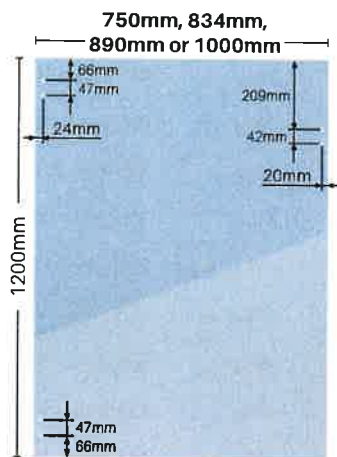
12MM POOL PANELS 1200MM HIGH



The Australis system has been made with a gap of approximately 7mm at each end to ensure the glass and aluminium posts do not touch. To identify post centres, add 16mm to the glass panel width.

Examples: A 1200mm wide glass panel achieves a 1216mm centre of post to centre of post
A 1550mm wide glass panel achieves 1566mm centres & so on

MASTER RANGE GATES



8mm thick clear toughened

2mm radius corners

Suits Master Range hinges & latches

Suits Polaris 155 hinges

6x Ø10mm holes

Order Code	Perth Order Code	Width	Height	Sqm	Weight
08SLG-0750	C08SLG-0750	750mm	1200mm	0.90	18kg
08SLG-0834	C08SLG-0834	834mm	1200mm	1.00	20kg
08SLG-0890	C08SLG-0890	890mm	1200mm	1.07	21kg
08LSG-1000	C08SLG-1000	1000mm	1200mm	1.20	24kg

*Hole specifications shown are to centre of holes

Images & drawings are not to scale



12MM SEMI FRAMELESS PANELS

Available in 50mm increments from 200mm to 2000mm wide

Glass Outlet's large range of 12mm thick clear toughened glass pool panels allows you to select an installation configuration to cover nearly all semi frameless situations

50mm increments from 200mm to 2000mm

Panels are produced under strict quality conformance requirements which has led to recognition of Glass Outlet as the industry leading supplier

Order Code	Perth Order Code	Width	Height	Sqm	Weight	Suggested post centres
12N-0200	C12N-0200	200mm	1200mm	0.24	7kg	210mm - 220mm
12N-0250	C12N-0250	250mm	1200mm	0.30	9kg	260mm - 270mm
12N-0300	C12N-0300	300mm	1200mm	0.36	11kg	310mm - 320mm
12N-0350	C12N-0350	350mm	1200mm	0.42	13kg	360mm - 370mm
12N-0400	C12N-0400	400mm	1200mm	0.48	14kg	410mm - 420mm
12N-0450	C12N-0450	450mm	1200mm	0.54	16kg	460mm - 470mm
12N-0500	C12N-0500	500mm	1200mm	0.60	18kg	510mm - 520mm
12N-0550	C12N-0550	550mm	1200mm	0.66	20kg	560mm - 570mm
12N-0600	C12N-0600	600mm	1200mm	0.72	22kg	610mm - 620mm
12N-0650	C12N-0650	650mm	1200mm	0.78	23kg	660mm - 670mm
12N-0700	C12N-0700	700mm	1200mm	0.84	25kg	710mm - 720mm
12N-0750	C12N-0750	750mm	1200mm	0.90	27kg	760mm - 770mm
12N-0800	C12N-0800	800mm	1200mm	0.96	29kg	810mm - 820mm
12N-0850	C12N-0850	850mm	1200mm	1.02	31kg	860mm - 870mm
12N-0900	C12N-0900	900mm	1200mm	1.08	32kg	910mm - 920mm
12N-0950	C12N-0950	950mm	1200mm	1.14	34kg	960mm - 970mm
12N-1000	C12N-1000	1000mm	1200mm	1.20	36kg	1010mm - 1020mm
12N-1050	C12N-1050	1050mm	1200mm	1.26	38kg	1060mm - 1070mm
12N-1100	C12N-1100	1100mm	1200mm	1.32	40kg	1110mm - 1120mm
12N-1150	C12N-1150	1150mm	1200mm	1.38	41kg	1160mm - 1170mm
12N-1200	C12N-1200	1200mm	1200mm	1.44	43kg	1210mm - 1220mm
12N-1250	C12N-1250	1250mm	1200mm	1.50	45kg	1260mm - 1270mm
12N-1300	C12N-1300	1300mm	1200mm	1.56	47kg	1310mm - 1320mm
12N-1350	C12N-1350	1350mm	1200mm	1.62	49kg	1360mm - 1370mm
12N-1400	C12N-1400	1400mm	1200mm	1.68	50kg	1410mm - 1420mm
12N-1450	C12N-1450	1450mm	1200mm	1.74	52kg	1460mm - 1470mm
12N-1500	C12N-1500	1500mm	1200mm	1.80	54kg	1510mm - 1520mm
12N-1550	C12N-1550	1550mm	1200mm	1.86	56kg	1560mm - 1570mm
12N-1600	C12N-1600	1600mm	1200mm	1.92	58kg	1610mm - 1620mm
12N-1650	C12N-1650	1650mm	1200mm	1.98	59kg	1660mm - 1670mm
12N-1700	C12N-1700	1700mm	1200mm	2.04	61kg	1710mm - 1720mm
12N-1750	C12N-1750	1750mm	1200mm	2.10	63kg	1760mm - 1770mm
12N-1800	C12N-1800	1800mm	1200mm	2.16	65kg	1810mm - 1820mm
12N-1850	C12N-1850	1850mm	1200mm	2.22	67kg	1860mm - 1870mm
12N-1900	C12N-1900	1900mm	1200mm	2.28	68kg	1910mm - 1920mm
12N-1950	C12N-1950	1950mm	1200mm	2.34	70kg	1960mm - 1970mm
12N-2000	C12N-2000	2000mm	1200mm	2.40	72kg	2010mm - 2020mm

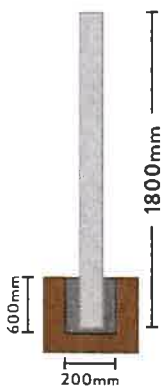
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MARK & DIG POST HOLES

Once you have decided on the location of your fence, follow these simple steps:

1. Set up a level string line on the proposed fence line keeping it as close to the ground as is practical (approx. 30-90mm from the ground). This will be where the bottom of your glass panels will finish. The gap between the bottom of the glass panels and ground level must be no greater than 100mm
2. Mark out post hole centres along the string line
3. Posts can be installed in 3 ways: Base plated, In ground, or Core drilled

POST INSTALL OPTIONS



1. IN GROUND

Install posts "In ground" by inserting 1800mm posts into post hole (min. 600mm deep) *Inserting post into ground without concrete footing is not recommended*



2. BASE PLATED

Bolt 1400mm base plated post to fixing surface. Drill 4x 14mm holes and fix securely with epoxy, chemset or dynabolts. Bolting base plated posts to timber decking is not recommended unless suitable substrate is in place



3. CORE DRILLED

Using a 76mm core drilling machine, create a 100mm deep hole in the concrete and/or coping around the pool then insert 1400mm posts into holes

FENCE LAYOUT EXAMPLES

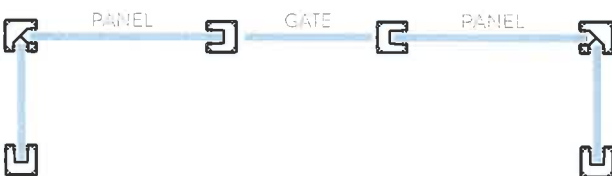
1. STRAIGHT RUN



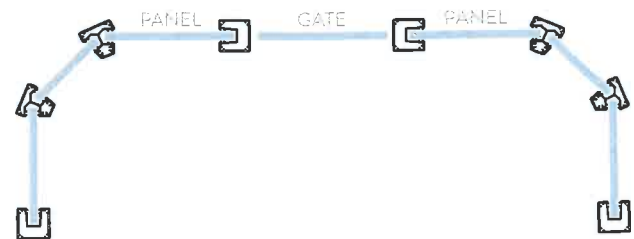
2. BETWEEN WALLS/POSTS



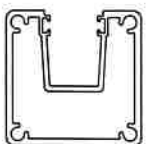
3. USING 90° CORNERS



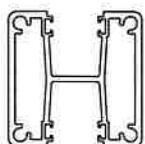
4. USING 135° CORNERS



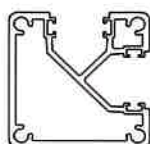
POST PROFILES / 50x50mm Square



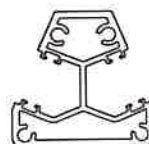
ONE WAY POST



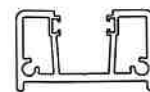
TWO WAY POST



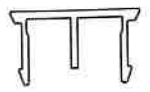
90° POST



135° POST



HALF POST



INFILL

Please note: All posts apart from half post & infill are available with base plates

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INSTALLING GLASS GATES

Once your glass panels are installed, follow these simple steps on installing your glass gate:

1. Take the stainless steel hinges and with the tension rod, un-tension the hinges. Affix the hinges to your glass gate. Ensure that the hinge is affixed so the gate can open **AWAY** from the pool
2. Affix the hinges (with gate) to the hinge post ensuring it is level with the other glass panels and string line
3. Affix the side pull latch kit to the latch side of the gate. Read the manufacturers installation instructions supplied with the latch kit
3. Re-tension hinges using the tension rod. Double check the gate self closes from a variety of positions

GATE SPACINGS

Hinge options



Master range square post hinge set
Set of 2
MR-SPH-P/S

Latch options

► 50mm square post to 50mm square post



Hinge options



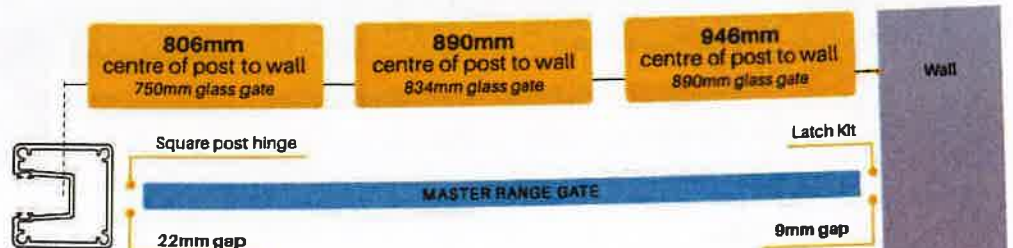
Master range square post hinge set
Set of 2
MR-SPH-P/S

Latch options



Master Range Latch Kits
Refer to pages 86-87 for specs.

► 50mm square post to wall - latching to wall



Hinge options



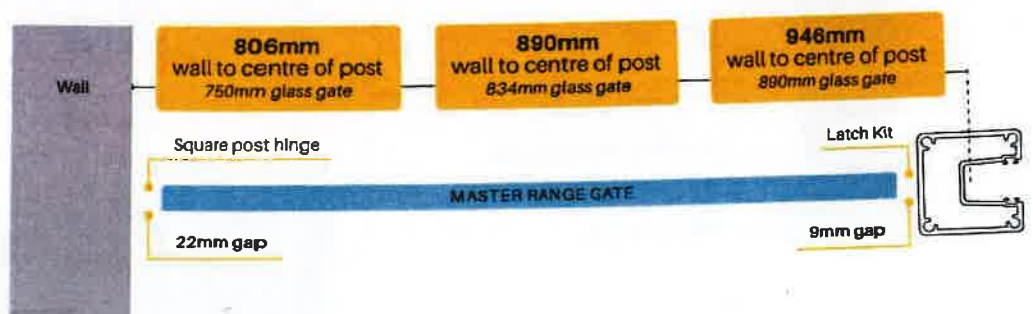
Master range square post hinge set
Set of 2
MR-SPH-P/S

Latch options



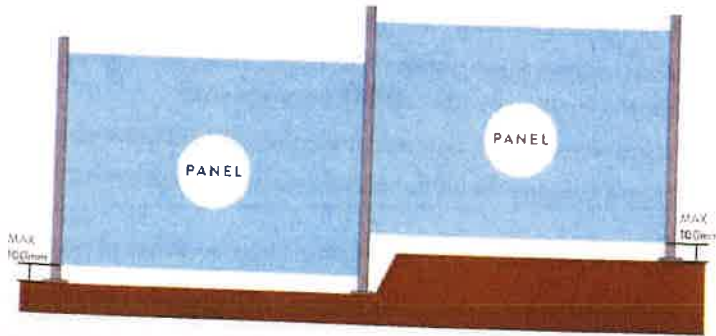
Master Range Latch Kits
Refer to pages 86-87 for specs.

► Wall to 50mm square post - latching to post



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SLOPING GROUND



To comply with pool fencing regulations and maintain the minimum fence height of 1200mm and the maximum gap allowance under the fence of 100mm, step ups or step downs can be overcome by using our 1800mm posts

INSTALLING IN GROUND/BASE PLATED POSTS

Once you have decided on the location of your fence, follow these simple steps on installing posts:

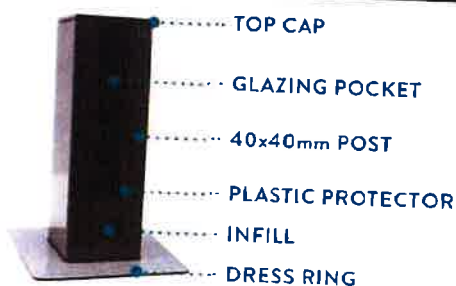
1. Identify the string line level against the posts. Measure up 1210mm up from that string line level & mark that point on the post (Allow an extra 10mm above the 1200mm high glass for the top cap to sit on top of the post). If required, trim post to that mark
2. Double check that the post centres are 100% correct and ensure the posts are plumb
3. Pour grout into post hole and ensure the posts remain level and plumb (Insert wooden chocks into post holes before pouring grout to assist with keeping posts level)
4. Remove any excess grout/dirt with a damp sponge prior to grout setting
5. Follow setting time directions on grout packaging before installing glass panels

INSTALLING GLASS PANELS

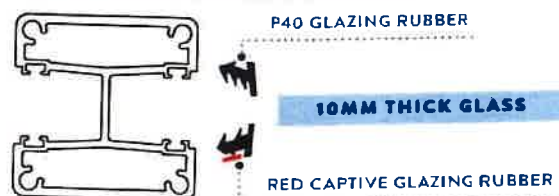
Once your posts are installed, follow these simple steps on installing your glass panels:

1. Using your string line as a guide, snap in the aluminium infill at the correct height ensuring that the infill rests on the hardened grout or floor. You will need to use a hacksaw or similar to cut infill to the correct size. Place the plastic protector on top of the infill. Glass will sit on the plastic protector. Refer to diagrams below
2. Insert the glass into the posts and insert appropriate glazing rubbers on both sides of the glass
Insert the "red" rubber by sliding down into the pocket cavity. The opposite side rubber is pushed in once glass panel is put into place
3. Trim excess glazing rubber with a stanley knife

POST DETAILS



GLAZING RUBBER



TIP: Use soapy water to make installation of push in glazing rubber easier

FINISHING TOUCHES

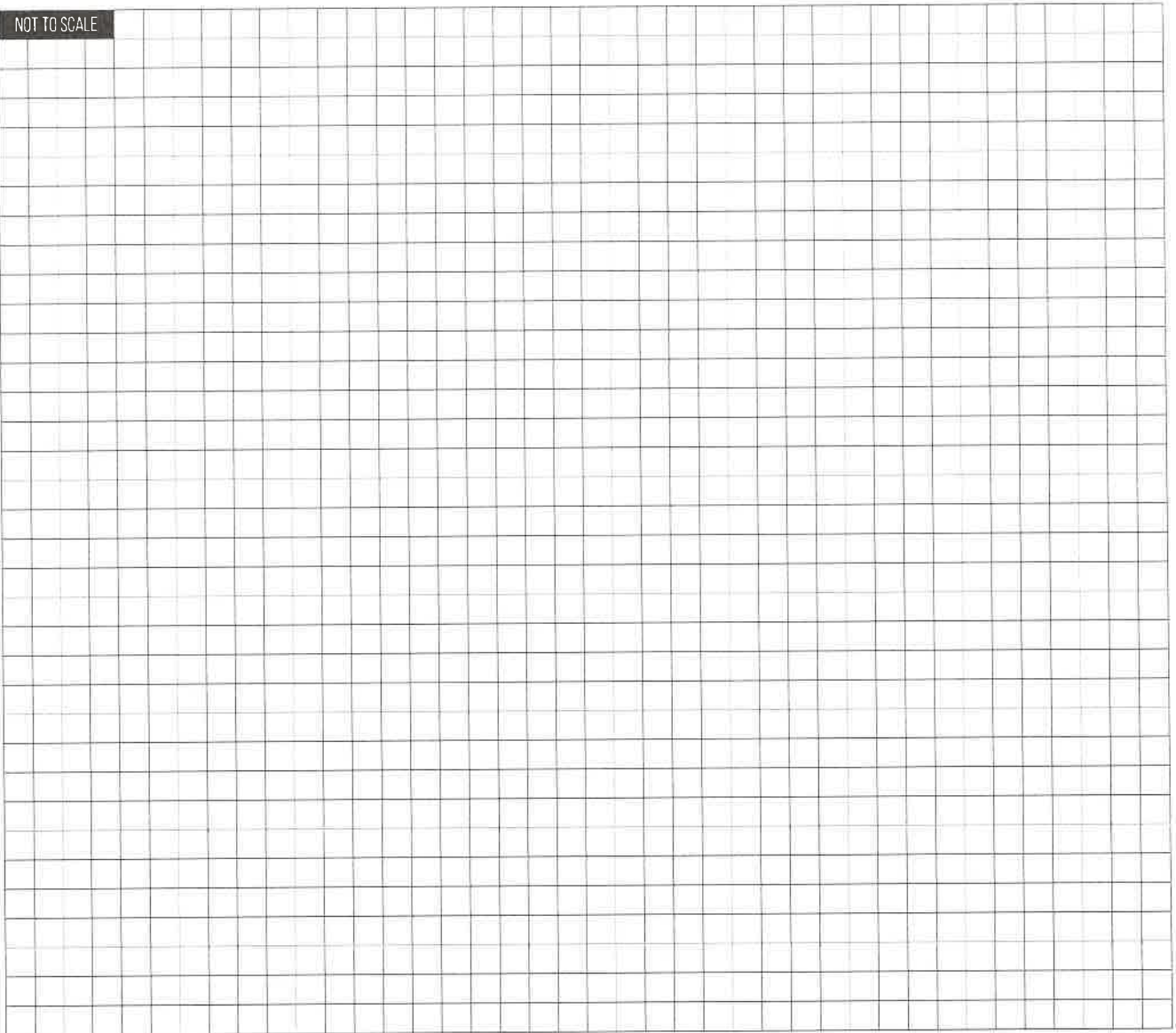
Just a few more things to put the finishing touches on your new semi-frameless glass pool fence:

1. Press in the top caps on the posts to finish the look (Posts come with caps pre-inserted but you can remove and re-insert if cutting down posts)
2. Wipe down the glass panels with soapy water to ensure they are clean from any dirt or residue
3. Remove any excess dirt and tools from site and enjoy your pool safely with your new glass fence!



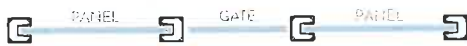
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NOT TO SCALE

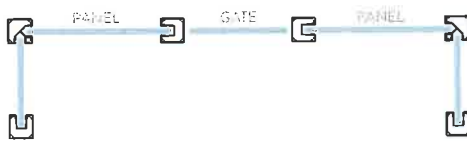


FENCE LAYOUTS

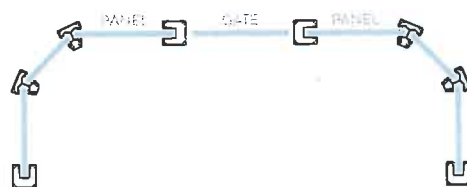
1. STRAIGHT RUN



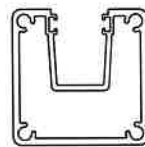
2. USING 90° CORNERS



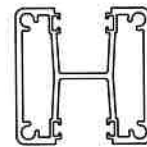
3. USING 135° CORNERS



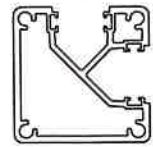
POST PROFILES



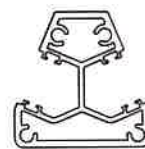
ONE WAY POST



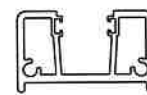
TWO WAY POST



90° POST



135° POST



HALF POST