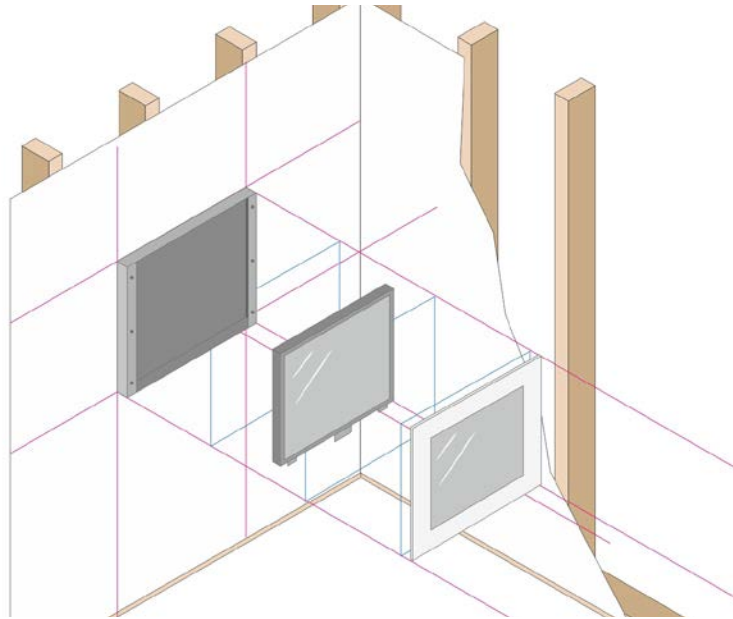


Installing an Aquavision

Frameless Installation Information

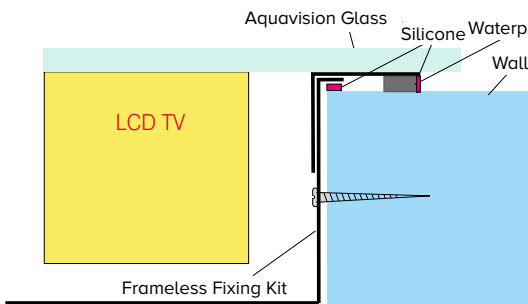
Step 1 - Install all wiring including PSU supplied with back box, then place the back box in to the framed wall. If tiling, tile first.



Step 2 - Attach all wires including power and inputs. Then slot the television panel in and tighten up with plastic nuts provided.

Step 3 - Position the glass so that the brackets align with the protrusions on the back box. Push in, then pull down to lock the glass into place.

Ensuring the Frameless TV is Waterproof



When installing the back box be sure to put a small amount of silicone around the inside of the lip. Once the television is tested and everything is working properly, complete the installation by putting a bead of silicone between the glass and wall. This will prevent the build-up of dust and soap and offer a double seal.

Screen Details	16"	22"	27"	32"	42"	55"
Screen size	15.6"	21.6"	27"	31.5"	42"	55"
Overall size	350 x 495	391 x 554	472 x 702	550 x 833	670 x 1028	815 x 1300
Cut-out size	322 x 448 x 50	352 x 520 x 50	437 x 656 x 50	517 x 790 x 60	638 x 985 x 60	760 x 1250 x 60
Screen depth	45	45	45	55	55	55
Back Box depth	50	50	50	60	60	60

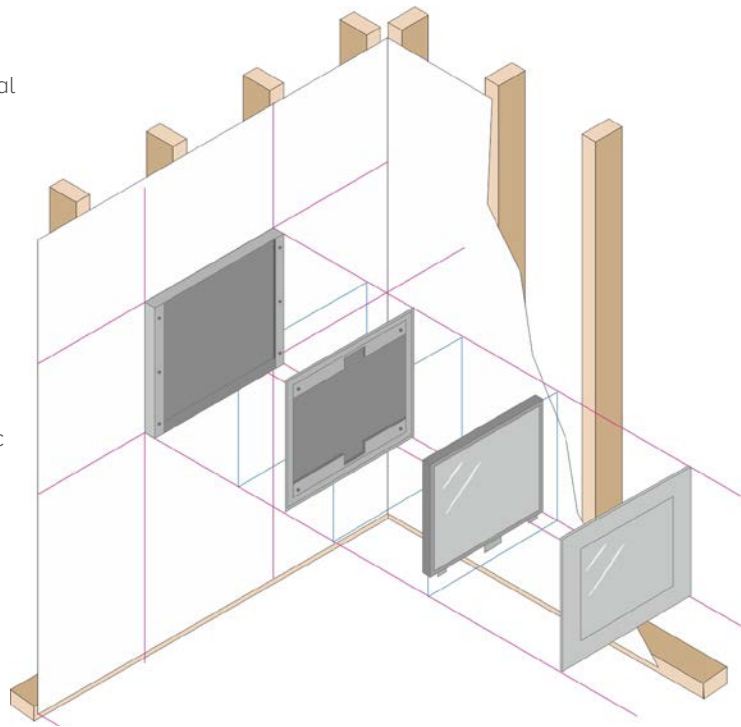
65"	85"
65"	85"
1591 x 970	2500 x 1225
936 x 1540 x 60	1940 x 1160 x 100
55	95
60	100



Classic Installation Information

Step 1 – Install the optional back box into the wall [recommended for wet or damp areas and for new construction].

Step 2 - Install the Classic bezel into the back box or wall [depending on whether you are using the back box].



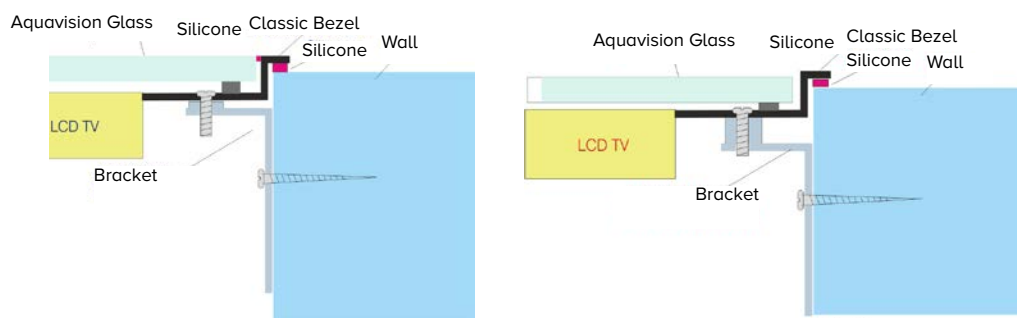
Step 3 - Attach all wires including power and inputs. Then slot TV Panel in and tighten up with nuts provided

Step 4 – Place the glass into the classic frame. Classic uses neodymium magnets to attach the mirror [It's a good idea to have a glass puller with you for minor adjustments to the magnets].

Ensuring the Classic TV is Waterproof

Once the position has been defined, cut the hole in the wall to the cut-out dimensions below. Next, fit the two mounting brackets into the side holes of the Classic Bezel in either Fig 1 or 2 depending on the install. In Fig 1 the bracket is mounted to a stud. In Fig 2 the Bracket is used as a clamp between the front and back of a partition. Be sure not to overtighten the screws holding the front Bezel onto the brackets, as this can distort the frame and may hinder the glass from fitting properly.

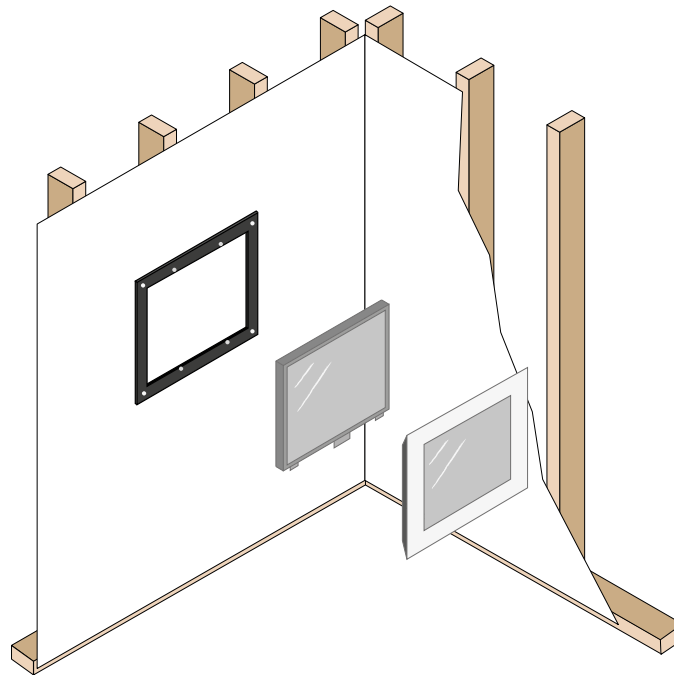
Screen Details	22"	27"	32"	42"
Screen size	21.6"	26"	31.5"	42"
Overall size	412 x 575	492 x 722	692 x 1049	27¼" 41¼"
Cut-out size	402 x 566 x 50	483 x 718 x 50	562 x 845 x 60	685 x 1043 x 60
Screen depth	45	45	55	55
Back Box depth	50	50	60	60



Silhouette Installation Information

Step 1 – Install the Silhouette frame onto the wall by the pre-drilled fixing holes.

Step 2 - Attach all wires including power and inputs. Then slot TV Panel in and tighten up with nuts provided



Step 3 – Place the glass into the frame. Silhouette glass uses neodymium magnets to attach the glass [It's a good idea to have a glass puller with you for minor adjustments to the magnets].

Ensuring the Silhouette TV is Waterproof

Once the position has been defined, cut the hole in the wall for the cables. Next, apply a bead of silicone to the back of the silhouette frame. As you screw the frame on to the wall, make sure the silicone creates a thorough seal. Make sure to check grout lines etc. Once the glass is fitted, apply a bead of clear silicone between the glass and the Silhouette frame to ensure a complete waterproof seal. Failure to do this correctly could result in the warranty becoming void.

Screen Details	22"	27"	32"	42"	55"
Screen size	21.6"	26"	31.5"	42"	55"
Overall size	395 x 558 x 50	476 x 706 x 50	554 x 837 x 63	674 x 1032 x 63	819 x 1304 x 63
Cut-out size	-	-	-	-	-
Screen depth	1 ⁷ / ₈ "	1 ⁷ / ₈ "	2 ¹ / ₈ "	2 ¹ / ₈ "	2 ¹ / ₈ "
Back Box depth	50	50	60	60	60

65"	85"
65"	85"
974 x 1594 x 63	1229 x 2504 x 95
-	-
2 ¹ / ₂ "	2 ¹ / ₂ "
60	100

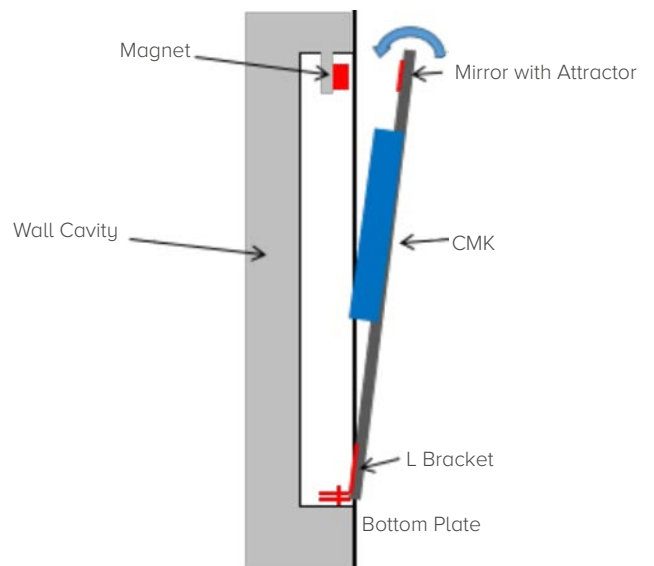


Bespoke Options

Our Bespoke Range is available with our 22" to 65" televisions. The CMK and L Bracket system allows you to access the television from the front for service. The CMK mount can be mounted in a wall or directly on to the mirror itself.

LCD in Wall - The most popular and easiest way to use the CMK is to bond it to the glass itself. The television then mounts to the CMK just like our standard mounts but in reverse. This diagram shows installation with optional "L" brackets and magnets, as used on larger mirrors.

L Bracket and Magnet - When mounting the CMK on the wall the framing must be specific to the size of the CMK for a correct fit.



Model Number	Screen Size	CMK Dimensions
AVF16L-4CMK	16"	350 X 488 X 30
AVF22L-4CMK	22"	362 x 545 x 30
AVF27L-4CMK	27"	472 x 690 x 30
AVF32L-4CMK	32"	537 x 765 x 30
AVF42L-4CMK	42"	650 x 999 x 30
AVF55L-4CMK	55"	1280 x 808.4 x 60
AVF65L-4CMK	65"	1483 x 961 x 60
AVF85L-4CMK	85"	1950 x 1190 x 30

All CMK brackets have a depth of 2" except 65" and 85" which is 2½"



Sauna/Steam Room Installation Details

Extreme environments include swimming pools, saunas and steam rooms.

For these environments we recommend only using the frameless models as the metal bezel can get very hot to touch. When you are installing your Aquavision in a Pool, Sauna, Steam Room or other extreme environment your LCD TV will need extra ventilation.

This is obtained by either of the following ways dependent upon the heat and the chosen option:

- At the back of the unit it may be necessary to fit two ventilation grilles. One of these should be below the LCD, the other above it. These should be large enough to allow sufficient uninhibited free air movement for convection cooling.
- The back box should be totally uncovered allowing convection cooling to happen.
- If the TV is installed directly over the heat generator, or if the heat of the screen is expected to be above 45°C (113°F), then forced air cooling will be required. For this the back box will need to be modified to allow forced air in at the bottom and to exit through vents at the top. A minimum of 60m² (70yds²) per hour is recommended for this.

In most cases, one of these three procedures will suffice. However, in some extreme cases, a certain degree of forced air will also be required between the glass and the LCD to facilitate adequate cooling of the screen front.

It is the installer's responsibility to ensure that the Aquavision is installed correctly and that there is adequate cooling. Aquavision takes no responsibility for damage caused by insufficient cooling or any other installation issue. The above is meant as a guide only and covers most applications. All cases differ and so should be looked at individually by the installer.

