

Viewing Angles Explained

Why are Viewing Angles so important?

I am sure we are all familiar with laptops and realise that when someone is trying to show you something on their screen you sometimes have to adjust the angle of the screen to be able to see the image clearly. This is due to poor viewing angles on your laptop.

Now imagine you are sat in the bath, with your nice new bathroom TV installed in the wall and you can see it perfectly when you are standing up showering, but when you sit down the picture all but disappears. You can't simply adjust your wall, move the television or raise the bath to compensate for this. This is why viewing angles are important!

Look at the images below:

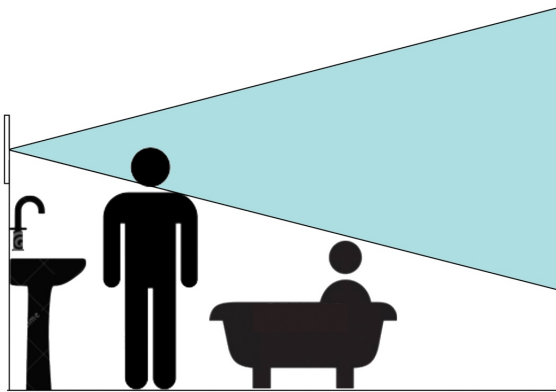


Figure 1: Viewing angles of a standard television

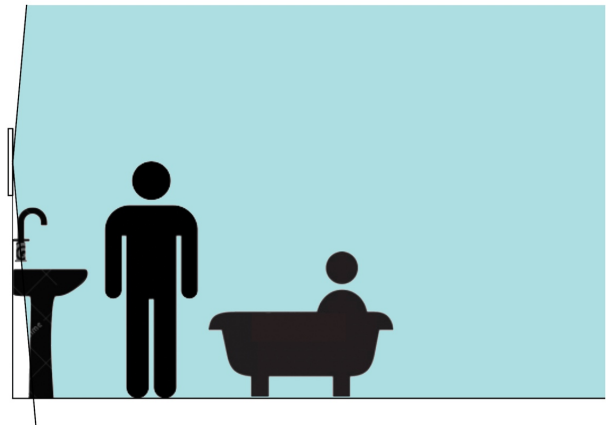


Figure 2: Viewing angles of an Aquavision television

Figure 1 shows a perfect picture when standing, but when you are sitting in the bath, you are outside the viewing angle of the panel. This means the picture disappears! Figure 2 highlights Aquavision's 178° x 178° viewing angles and shows how that gives you a perfect picture whether you are standing, sitting or even lying on the floor!

What is the optimum viewing distance for my television?

The optimum viewing distance can be found by multiplying the diagonal of the viewing window by 3.5. We have worked out the optimum viewing distance for all standard Aquavision television sizes in the table below:

Size	16"	22"	27"	32"	43"	55"	65"	85"	100"
Viewing Distance	1.42m	1.95m	2.40m	2.84m	3.82m	4.89m	5.78m	7.56m	8.89m



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