



Tilting Weirs (KKS-PE)

STRONG | ACCURATE | MAINTENANCE FREE



DURABLE – cheeks are made with HDPE material; lightweight, tested for strength and at a lower risk of theft or vandalism.

ACCURATE – level control for surface water either manually or automatic with a CB Greenbox.



MAINTENANCE FREE – No lubrication required. Zero chance of materials seizing. No requirement for protective coatings.

SPECIAL REQUIREMENTS – a range of sizes and designs available. Bespoke tilting weirs can also be developed to suit unique requirements.

KWT weirs provide an accurate means of controlling water levels for flood alleviation and process water systems. They are ideal for keeping water in conservation areas, land drainage ditches and smaller water courses. The KKS-PE can also be used as a safer alternative to weir boards.

Available in various sizes, KKS-PE tilting weirs are manufactured using HDPE cheeks and can be adapted to fit existing structures or designed to fit new ones. These weirs can be operated both manually and automatically. Automatic options include solar, battery and mains options, and all can be fitted with eel passage equipment.



Contents are accurate at the time of production, however are for illustration only. For critical technical information, please contact ACE for assistance.

Aquatic Control Engineering Ltd

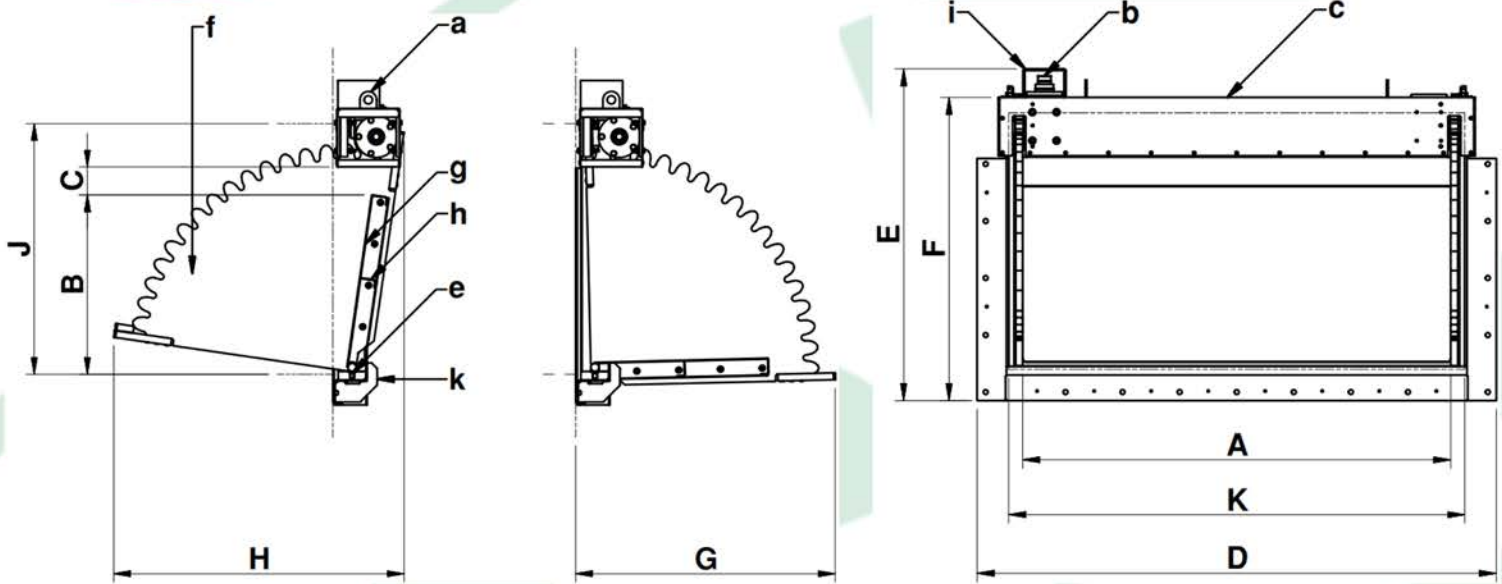
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V1.1

Aquatic Control Engineering have been market leaders of innovative water flow control for 20 years. Using high spec HDPE products from KWT in Holland, we are proud to supply our customers with high quality innovative solutions and high standard installation services.



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A - Lifting hooks
B - Half moon connector
C - Top member

E - Seal
F - Side cheeks
G - Moving plate

H - Reinforcement rib
I - Actuator Bracket
K - Frame

Technical data standard dimensions

↔ X ↑	A	B	C	D	E	F	G	H	J	K		 Nm	 KG
1000 x 600	1000	600	100	1320	1163	1063	931	1041	900	1100	113	30	140
1500 x 600	1500	600	100	1820	1163	1063	931	1041	900	1600	113	30	170
2000 x 600	2000	600	100	2320	1163	1063	931	1041	900	2100	113	30	205
1000 x 800	1000	800	100	1320	1363	1263	1131	1241	1100	1100	145	30	165
1500 x 800	1500	800	100	1820	1363	1263	1131	1241	1100	1600	145	30	205
2000 x 800	2000	800	100	2320	1363	1263	1131	1241	1100	2100	145	30	245
1000 x 1000	1000	1000	100	1320	1563	1463	1331	1441	1300	1100	177	30	200
1500 x 1000	1500	1000	100	1820	1563	1463	1331	1441	1300	1600	177	30	240
2000 x 1000	2000	1000	100	2320	1563	1463	1331	1441	1300	2100	177	30	285
1000 x 1200	1000	1200	100	1320	1763	1663	1531	1641	1500	1100	209	30	235
1500 x 1200	1500	1200	100	1820	1763	1663	1531	1641	1500	1600	209	30	280
2000 x 1200	2000	1200	100	2320	1763	1663	1531	1641	1500	2100	209	30	335

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