

# FCFV-PVC-T

Float: AISI 316 Stainless Steel



Reference	tooltiplmage	system	Category	family	series	R	Flow rate range for NaOH 50% [l/h]	B	E	C
FCFV012T5X0015	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	1/2"	1-15	212	176	170
FCFV012T5X0036	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	1/2"	2-36	212	176	170
FCFV012T5X0065	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	1/2"	0.25-6.5	212	176	170
FCFV012T5X0075	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	1/2"	4-75	212	176	170
FCFV012T5X0140	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	1/2"	6-140	212	176	170
FCFV034T5X0030	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	3/4"	2.5-30	232	191	185
FCFV034T5X0065	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	3/4"	3-65	232	191	185
FCFV034T5X0135	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	3/4"	3.5-135	232	191	185
FCFV034T5X0320	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	3/4"	20-320	232	191	185
FCFV038T5X0008	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	3/8"	0.5-8	198	171	165
FCFV038T5X0014	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	3/8"	0.05-1.4	198	171	165
FCFV038T5X0040	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	3/8"	2.5-40	198	171	165
FCFV038T5X0055	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	3/8"	4-55	198	171	165
FCFV100T5X0055	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	1"	2.5-55	251	206	200



FCFV-PVC-T

Reference	tooltiplmage	system	Category	family	series	R	Flow rate range for NaOH 50% [l/h]	B	E	C
FCFV100T5X0125	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	1"	5-125	251	206	200
FCFV100T5X0300	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	1"	20-300	251	206	200
FCFV100T5X0600	-	Variable area Flowmeters	Flowmeters - Compact range	Flowmeters - Threaded Connection	NaOH 50% SCALE - SS float	1"	25-600	251	206	200



## FCFV-PVC-T

- Metering tubes are available in Trogamid (PA) suitable for most inert media, PVC-U suitable for slight corrosive media and Polysulfone (PSU) suitable for corrosive media on an extended operating temperature range. End connectors available in PVC-U, PVC-C, PP, SS, Malleable Cast Iron. Male threads moulded onto the end of the metering tube are used for easy mounting of unions. Standard unions are in PVC-U but others are available according to the different working conditions; Metal unions widen the range of operating conditions such as pressure and temperature. The floats are available in Stainless Steel AISI 316 and in PP to match the proper chemical compatibility with the flow medium and to offer different measuring ranges. Magnetic Float option is available to be combined with micro switches for MIN and MAX alarm, clamped on the guide of the flowmeter. The micro switches, housing a bistable reed contact are activated by the passage of the magnet incorporated into the float. Flowmeters body are equipped with a double guide allowing the installation of two alarm in a very close position. Double scale option available for specific application requirements to customize measuring units for an easy conversion or comprehension of the flow rate values.
- • Wide choice of measuring scales: water scale from 1,5 to 50.000 l/h, HCl scale from 1,4 to 23.000 l/h, NaOH 30% scale from 0,25 to 43.000 l/h, NaOH 50% scale from 0,025 to 40.000 l/h, Air scale from 0,025 to 500 Nm<sup>3</sup>/h • Wide choice of end connections available in PVC-U, PVC-C, PP-H, AISI 316 SS, Carbon Steel • Eight different diameters • Three different plastic tube materials: PA, PVC and PSU • Float materials available in SS and PP, with or without magnet • High level of accuracy: FS accuracy class 2,5; FC accuracy class 4 • Simple operation and very limited maintenance. • Other engineering units like LPM, m<sup>3</sup>/h or % together with double scales and special scales are available on request.