

Aqua-X Controllers Comparison Chart



Aqua-X
(NFS-1)



Aqua-X PLUS
(NFS-3)



Aqua-X PRO
(NFS-2)

Quick Look

Size	Backlit 128 x 128 LCD Display	7" LCD Color Display	10.1" LCD Screen
Control	Button Control	Touchscreen	Touchscreen
Save / Copy / Import / Export Data	Micro-SD	Micro-SD	USB
Firmware Update	Micro-SD	Micro-SD / Online	USB / Online
Package Content	Aqua-X Controller x 1 Water Detector Sensor x 1 Touch Spot x 1 Mounting Plate x 1	Aqua-X Plus Controller x 1 AMP-3 Sensor Board x 1 RJ12 Cable Set x 1 Mounting Plate x 1	Aqua-X Pro Controller x 1 AMP-3 Sensor Board x 1 RJ12 Cable Set x 1 Mounting Plate x 1

Product Capacity

MAX. Number Of Water Sensors

Sensor Board <i>(Module to connect the Aqua-X & pH / EC Sensor)</i>	Max. 1 pc (AMP-2)	Max. 5 pcs (AMP-3)	Up to 50 Sensor Boards (AMP-3) & Water Detectors (WD-1/2) in combination
PPH-1/2/3 <i>(Water pH Sensor)</i>	Max. 1 pc	Max. 5 pcs	
PCT-1/2/3 <i>(Water EC & Temp Sensor)</i>	Max. 1 pc	Max. 5 pcs	
MAX. Number Of Water Detector			
WD-1/2 <i>(Water Detectors)</i>	Max. 25 pcs	Max. 20 pcs	
WCS-1/2 <i>(Water Content Sensors)</i>	Max. 8 pcs	Max. 20 pcs	
DFM-1/2/3 <i>(Digital Flow Meter)</i>	-	-	

MAX. Number Of Control Modules in Combination

OA6-24 (24V - 6 outputs)	Up to 5 pcs in combination	Up to 10 pcs in each pumps & valves channels	Up to 50 control modules in each pumps & valves channels
DSV-1 (24V)			
OA6-110 (110V & 1.5A - 6 outputs)	Up to 30 individual schedule outputs	<i>(Up to 120 pumps + 120 valves in total)</i>	<i>(Up to 600 pumps + 600 valves in total)</i>
DSP-1/2 (110V / 240V & 10A)			
DSD-1 (Dry Contact & 6A)			*Each OM-8 uses 8 of the 50 available control module addresses
OAT-24 (24V - 12 outputs)	-	-	
OM-8 (Dry Contact / 12A - 8 outputs)	-	-	

Internet Connectivity

Remote Control / Monitoring	App	App	Web-based Program / App
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Irrigation Control

Water EC & pH & Temp Monitoring	✓	✓	✓
Medium EC & Temp Monitoring	✓	✓	✓
Medium Moisture Level Monitoring	✓	✓	✓
Watering Confirmation Monitoring	✓	-	-
Leaking Detection	✓	✓	✓
Recycle Timer	✓	✓	✓
Individual Time Schedules	12 schedules per day	Up to 50 schedules per day	Up to 50 schedules per day
Linked Master Pump	Max. 1 pc	Max. 120 pcs	Max. 300 pcs

Advanced Features

Multi-Zone Monitoring	-	✓	✓
Feed by Volume <i>(with DFM-1/2)</i>	-	-	✓
Liquid Volume Monitoring	-	-	✓
Crop Steering <i>(with WCS-1/2)</i>	-	✓	✓
Auto-Filling for Reservoirs	-	✓	✓
Calendar Reminders	-	-	✓
Calendar Control - Predetermined "Recipes"	-	-	✓