

WaterBox Model C

Automatic Irrigation Pumping System

WATERBOX



APPLICATIONS

Automatic pumping system for small to medium turf and landscape irrigation systems



WaterBox Model C Pumping System

Why choose The WaterBox **Model C** Pumping System?

YASKAWA iQpump Micro Drive

- Auto Start on Pressure Drop
- Surge-free starting allows for slow pipe fill upon start-up
- VFD fault shutdown
- Auto restart
- Surge Protection
- Motor overload protection
- Low Pressure shut down
- High pressure shut down
- Optional 24VAC remote start

Marine Grade Aluminum Power Coated Enclosure

- Low Profile/compact design
- Large door opening with locking tab
- Internal power switch disconnect

Remote Pump & Motor by others

- Works with 1/2 HP to 3HP Submersible Pumps
- Motor must be 230Volt, 3 phase

Overall

- All Hydraulic Parts are stainless steel
- Turn key installation
- Easy to service

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MODEL C ELECTRICAL DATA

Yaskawa iQPump Controller	
Voltage	240V+/-10%
Phase	Single
Hz	60
IP rating	56
Maximum load current	10A
Surge protection	Varistor

ADDITIONAL FEATURES

- Ships in 1 week or less
- Factory tested prior to shipment
- 2 year Bumper-To-Bumper Warranty

STATION COMPONENTS

1	2 GAL. PRESSURE TANK
2	1-1/2" STAINLESS STEEL DISCHARGE ISO VALVE
3	0-200 PSI PRESSURE GAUGE
4	IFM PRESSURE TRANSDUCER
5	iQPUMP MICRO DRIVE - VFD
6	24V AC RELAY - OPTION
7	20 AMP DISCONNECT SWITCH
8	1-1/2" MNPT STATION INLET
9	1-1/2" MNPT STATION DISCHARGE
10	1-1/2" STAINLESS STEEL PIPE
11	POWDER COATED ALUM. ENCL.
12	230 VAC 1 PHASE LINE POWER JUNCTION BOX
13	230 VAC 3 PHASE LOAD POWER RECEPTACLE BOX
14	3/4" STAINLESS STEEL TEST PORT VALVE

