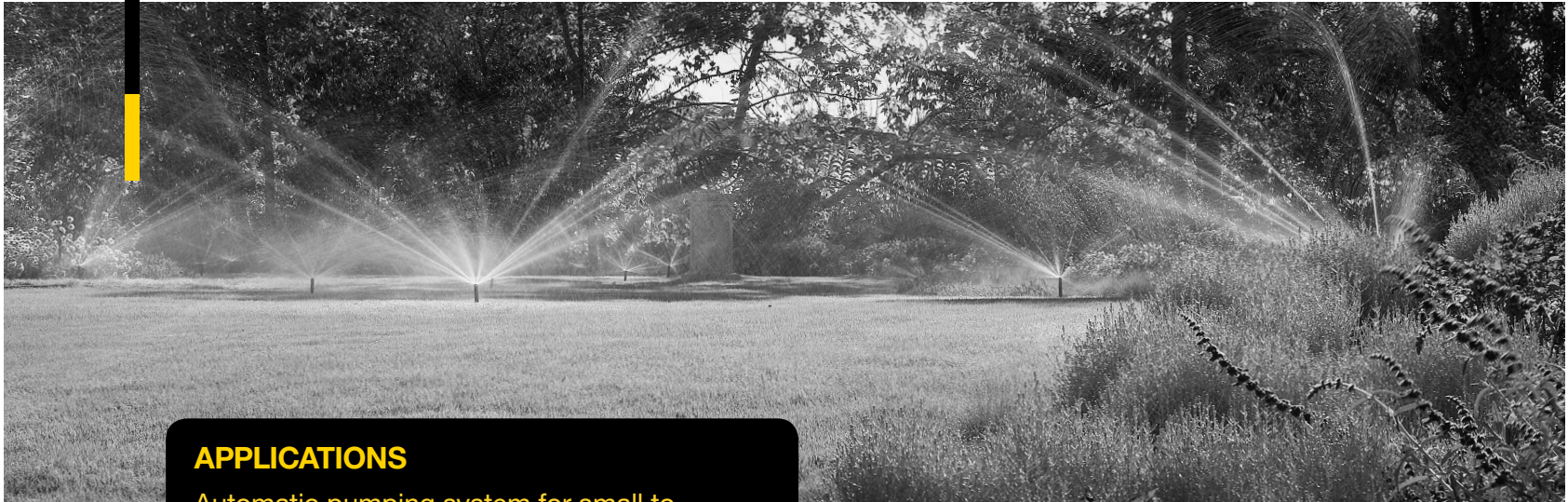


WaterBox Model S

Automatic Irrigation Pumping System

WATERBOX
POWERED BY **DAVEY**



APPLICATIONS

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



WaterBox Model S Pumping System

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

Horizontal Multi-Stage Centrifugal Pump

- Stainless steel impellers and volute case
- Corrosion & wear resistant
- High efficiency

Totally Enclosed Fan Cooled (TEFC) Electric Motor

- Built in thermal overload protection with auto reset
- Sealed and greased for life motor bearings
- Over sized drive bearing
- Permanently split P2 'fail safe' capacitor design
- Quiet running

Torium 2 Automatic Controller

- Start on flow or pressure drop
- Dry run protection
- Auto restart
- Built in check valve
- Surge protection
- Optional 24VAC remote start

Marine Grade Aluminum Powder Coated Enclosure

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

Overall

- All hydraulic parts are stainless steel
- Turn key installation
- Easy to service

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MODEL S ELECTRICAL DATA

Pump/Motor	
Speed	3500rpm
Supply Voltage	220V ±10%
Supply frequency	60Hz
Enclosure class	IP55
Insulation class	Class F
Torrium®2 Controller	
Voltage	110V-240V ± 10%
Phase	Single
Hz	60
IP rating	56
Maximum load current	10A
Maximum motor size @ 240V input	1.8kW
Surge protection	Varistor

MODEL S MATERIALS OF CONSTRUCTION

Part	Material
Casing	304 stainless steel
Impellers	304 stainless steel
Stages (casing)	304 stainless steel
Pump shaft	316L stainless steel
Stage centring device	304 stainless steel
Mechanical seal	Carbon/ceramic
O-rings	EPDM
Plugs	316L stainless steel
Motor shell & lantern bracket	Aluminium with baked powder coat finish
Motor feet	Xenoy®
Pump Plate	HDPE
Enclosure/cabinet	Aluminum with Sandstone Powder coat finish
Manifold/piping	304 Stainless steel

MODEL S GENERAL SPECIFICATIONS

- 20 GPM @ 70PSI
- Fully Dynamically Tested
- 7' Suction Lift
- 230VAC, Single Phase, 60HZ
- 20amp Switched Disconnect
- Marine Grade Aluminum Powder Coated Enclosure
- Automatic Torrium Controller
- TEFC Motor
- Stainless Steel Pump
- Stainless Steel Manifold

ADDITIONAL FEATURES

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

MODEL S PERFORMANCE

