



# GUARDIAN

**When the power goes out,  
the Guardian takes over!**

## EMERGENCY Water Powered Back Up SUMP PUMP

**Model 747H20**

**Protect your property during power outages or sump pump failure**

**Designed for the following uses:**

- Ground water
- Sump crocks in homes, motels and hotels, schools, hospitals, industrial buildings, computer and record storage rooms

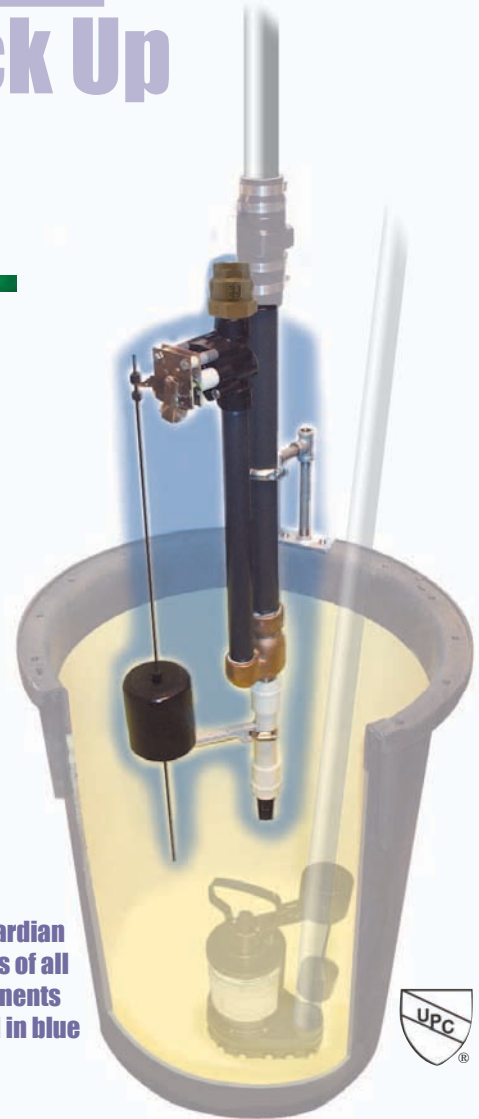
**Features**

- Made in the USA
- Patented activation valve for Positive ON, Positive OFF
- Designed for intermittent or continuous use
- Supplied with a backflow preventer
- Made with high quality brass and PVC materials for corrosion resistance
- McDonald Hydro Drive optimizes performance

**Specifications**

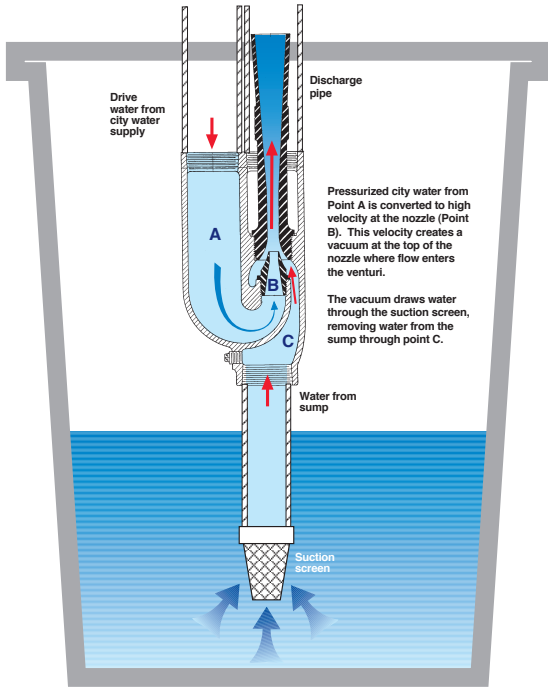
- Designed for de-watering
- Discharge size 1 1/4" PVC Sch. 80 (IPS)
- 3/4" FIP Inlet
- Min. pressure 29, max. 90
- Min. water temperature 32°F.

**The Guardian consists of all components outlined in blue**



**PUMPS | WATERWORKS | PLUMBING VALVES | GAS VALVES**  
**A.Y. McDonald Mfg. Co.**

800.292.2737 | FAX 800.832.9296 | pumps@aymcdonald.com | www.aymcdonald.com



# GUARDIAN®

## Water Powered Sump Pump Operation

**Performance in GPH**

**FEET of LIFT**

Inlet Pressure (PSI)	FEET of LIFT							No Water Removed No Flow At:
	5'	7'	9'	12'	15'	18'	21'	
30	480	420	360	228	192	0	0	18'
40	672	594	558	468	396	324	246	26'
60	750	750	750	750	750	750	750	40'

### BACKFLOW OPTIONS

**ORDER MODEL**  
**BACKFLOW PROVIDED**

**ASSE STANDARD**

**OTHER APPROVALS**



**747H20-0001\*\***

3/4" Reduced pressure assembly

1013

Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California



**747H20-0002\*\***

3/4" Pressure vacuum breaker assembly

1020

Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California

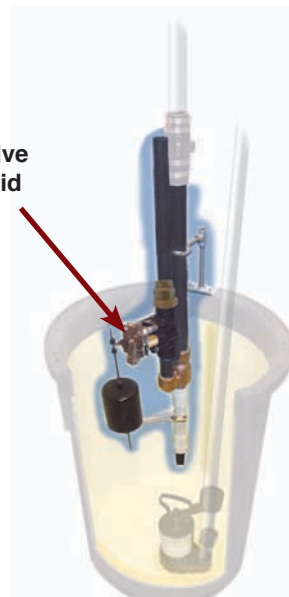
\*\*Where required by code

## Radon Ready

### Model 747H20RR

Allows operating valve to be installed under cover for application where sump lid must be sealed.

Operating valve below sump lid



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