



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

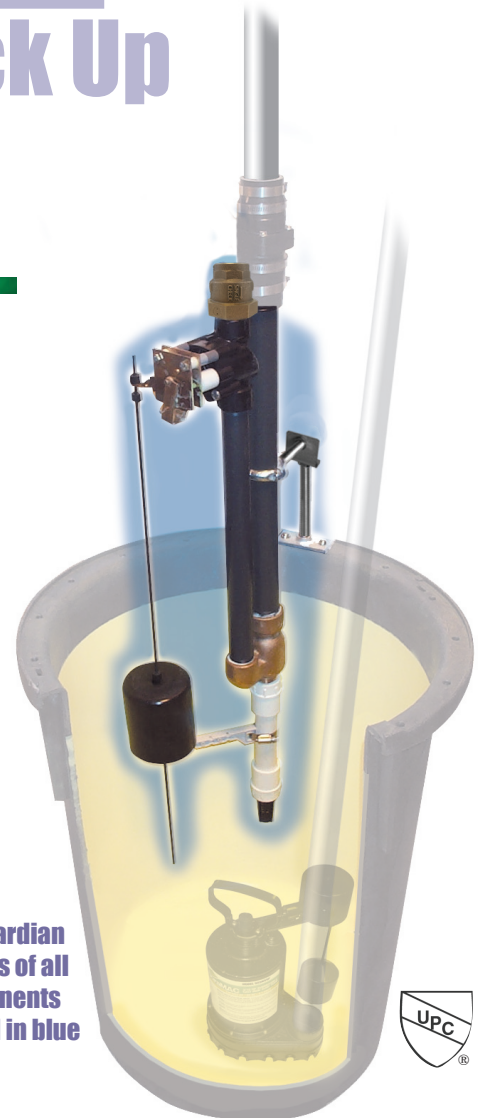
Features

- 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

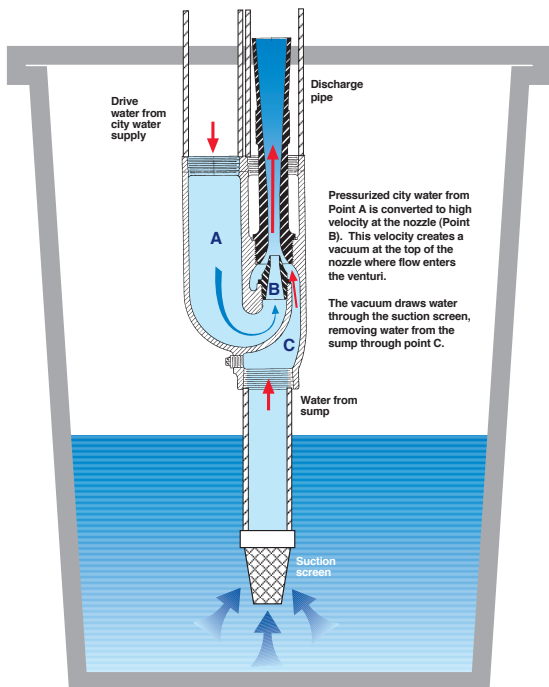
- Designed for de-watering
- Discharge size 1 1/4" PVC Sch. 80 (IPS)
- 3/4" FNPT Inlet
- Min. pressure 29, max. 90
- Min. water temperature 32°F.

**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)	5'	7'	9'	12'	15'	18'	No Water Removed No Flow At:
	480	420	360	228	192	0	18'
	672	594	558	468	396	324	246
	750	750	750	750	750	750	750

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

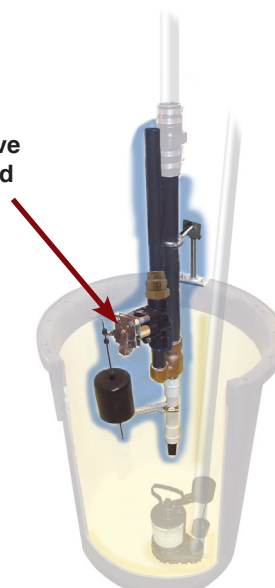
**Where required by code

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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