

# ABS

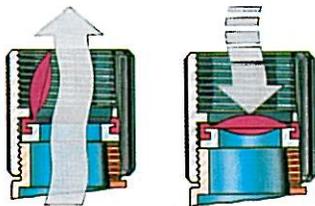
COST-EFFECTIVE PUMPING

## ROBUSTA™

The next generation of submersible pump for clear and surface water with built-in checkvalve for house, yard and garden. Available ready to plug-in, with built-in level control, 1/2" solids passage capability

60Hz

- The ROBUSTA is immediately ready for use. For transportable applications a hose fitting, designed for standard garden hose sizes, is supplied
- The ROBUSTA is fitted with an automatic level control. For transportable applications, the automatic can be changed by means of a manual switch to continuous operation
- For emptying flooded cellars, for draining pits, sumps and for pumping rain water



- The checkvalve built into the discharge blocks return-flow from the discharge line when the pump is switched off



# ROBUSTA™

The ROBUSTA™ series has been designed for pumping clear and waste-water from house, garden or yard, and is supplied with built-in level control and checkvalve. The pump and motor section form a pressure-tight encapsulated unit, with motor housing constructed from corrosion resistant material. The outer jacket and impeller are made of durable plastics. The unique hand/auto switch makes the pump suitable for manual or automatic operation.

## Construction

Discharge outlet G1 1/4" with built in checkvalve

Connection chamber with cover and watertight cable inlet and strain relief.

Outer jacket and other housing parts made of corrosion resistant synthetic material.

Motor is dynamically balanced with temperature monitor in the stator, which switches off the pump in the case of overload.

Shaft is made of stainless steel.

The sealing on the motor side is by means of special lip seals supported by lubricated bearings.

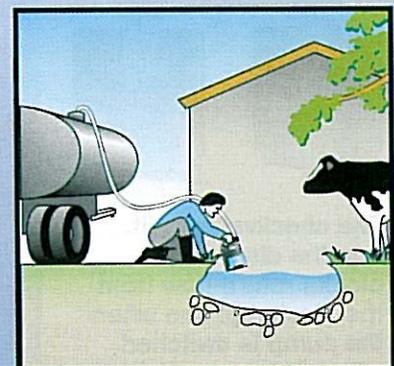
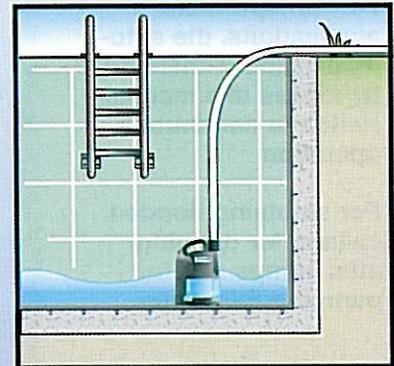
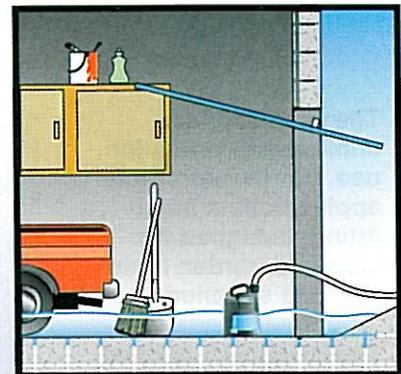
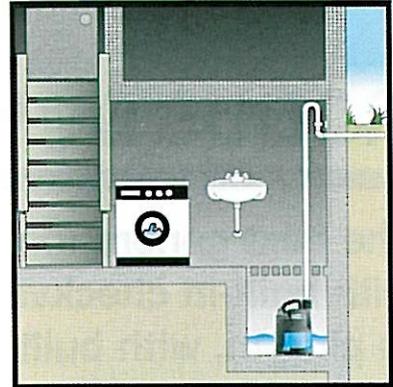
The medium being pumped flows around the motorhousing for optimum heat dissipation.

The medium temperature is 40°C (140°F);  
intermittent usage to 70°C (160°F).

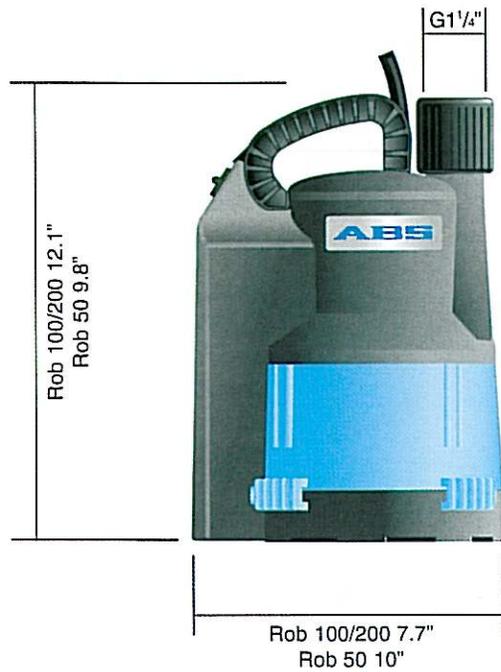
The TS version has a built in automatic level control, with easily removable float cover for cleaning purposes.

Separate switch for continuous operation in transportable applications.

The special bayonet clamping allows the screen to be removed by hand in the event of an impeller inspection.

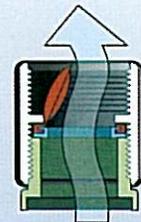
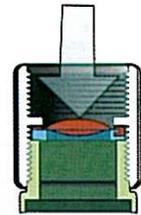


# Full of Features



Garden Hose connection supplied as standard. Vertical discharge

1/4" Hose Fitting



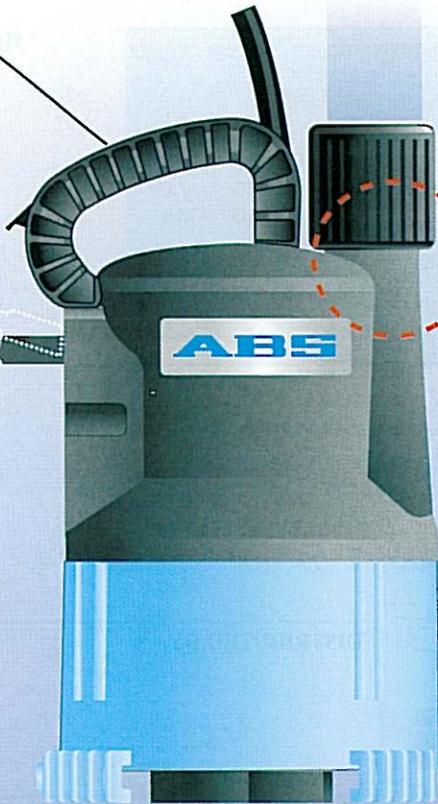
Easy grip handle



Hand/Auto switch. Two pumps in one!



Float chamber, easily dismantled for cleaning



Compact design for smaller sumps – no chance of loose float catching on side of sump

Hydraulics easily dismantled for cleaning – no screws to open!

## Technical data, dimensions and installation

### Construction

Discharge outlet 1/4" and 1/2" † with built-in checkvalve.  
†(1/2" on Rob 50 only)

Connection chamber cover with water tight cable inlet and strain relief.

Outer jacket and other housing parts of corrosion-resistant synthetic material.

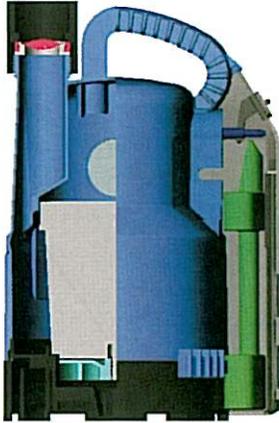
Motor dynamically balanced with temperature monitor in the stator which switches off the pump in the case of overload.

Shaft of stainless steel.

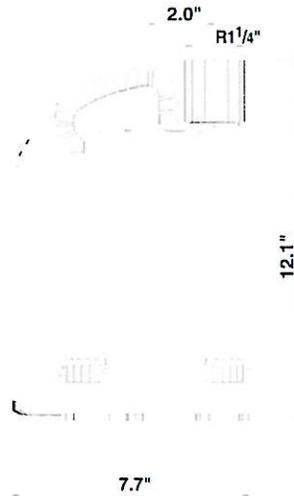
Sealing on the motor side by special lip seals shaft supported by lubricated-for-life maintenance-free bearings.

The medium being pumped flows around the motorhousing for optimum heat dissipation.

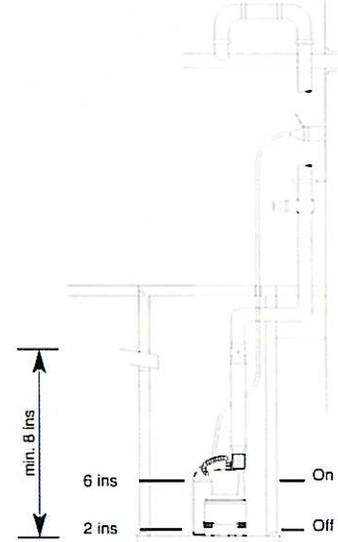
TS version with built-in automatic control. Separate switch for continuous operation in transportable applications (Rob 100/200 only).



### Dimensions ins



### Installation example (single pumping station)



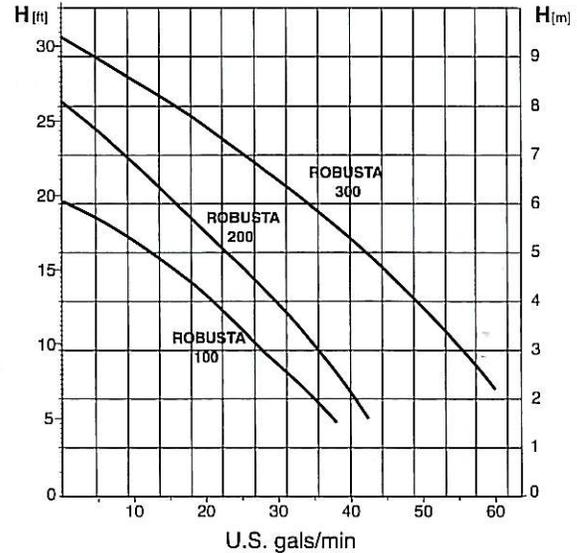
## Specification

Technical Data	Discharge connection Internal-thread	Nominal HP	RPM	Rated current at 115V A	Cable ft	Weight lb
ROBUSTA 100 W/TS	1/4"	1/4	3450	4,2	10	6,6
ROBUSTA 200 W/TS	1/4"	1/3	3450	5,6	10	7,3
ROBUSTA 300 W/TS	1/2"	1/2	3450	6,2	10	8,4

Medium temperature 40°C (104°F);  
Intermittent usage 70°C (160°F)

UL and C.S.A. approved.

## Performance Curves



\* Physical appearance different than other models

Part No. 16005293

DISTRIBUTED BY

**ABS**  
COST-EFFECTIVE PUMPING

**Corporate Office:**  
ABS Pumps Inc.  
140 Pond View Drive  
Meriden, CT 06450  
(203) 238-2700  
FAX (203) 238-0738  
www.abspumps.com

**Regional Offices:**  
ABS Pumps Inc.  
111 Maritime Drive  
Sanford, FL 32771  
(407) 330-3456  
FAX (407) 330-3404

Odell's Pump & Motor Service  
1650 Bell Avenue, Suite 140  
Sacramento, CA 95838  
(916) 925-8508  
FAX (916) 925-3914

C H & E Pumps  
3849 N. Palmer St.  
Milwaukee, WI 53212  
(414) 964-3400  
FAX (414) 964-0677

ABS Pumps Corp.  
1215 Meyerside Drive, Unit #7  
Mississauga, Ontario  
Canada L5T 1H3  
(905) 670-4677  
FAX (905) 670-3709

Companies also in: Austria Ireland Belgium Italy Brazil Netherlands Denmark Norway Estonia Poland Finland Singapore France South Africa Germany Spain Great Britain Sweden Greece Switzerland Hungary Turkey