

**PRESS CONTROL**  
**Model Numbers: PC15 & PC22**

DEPEND ON  
**DAVEY**



**PRESS CONTROL**

**PRODUCT DESCRIPTION**

Constant flow control and loss of prime device for automatic water pressure systems.

**APPLICATIONS**

- Household water supply control
- Replacing pressure switches
- Small irrigation pumps

**DESIGN FEATURES**

- In-line inlet & outlet.
- In-built check valve.
- In-built spring & diaphragm shock absorber.
- No adjustments for operation.
- Solid state electronic control circuit with "tropicalization" treatment.
- Terminal box with in & out wiring grommets.

**BENEFITS**

- Simple to install
- No need for pressure tanks on many installations
- Adaptable to many types of pumps
- Constant non-cycling pump operation
- Loss of prime protection saves pumps from damage when water supplies run out

**OPERATING LIMITS**

Maximum recommended flow*	70 lpm
Minimum constant flow rate	0.6 lpm
Maximum working pressure	100m
Maximum temperature rating	60°C
Maximum direct switching current	10 amps
Cut-in pressure	
PC15	150 kPa
PC22	220 kPa

\*Higher flows may be controlled by using bypass pipework manifolds.



# TECHNICAL SPECIFICATIONS

## MATERIALS OF CONSTRUCTION

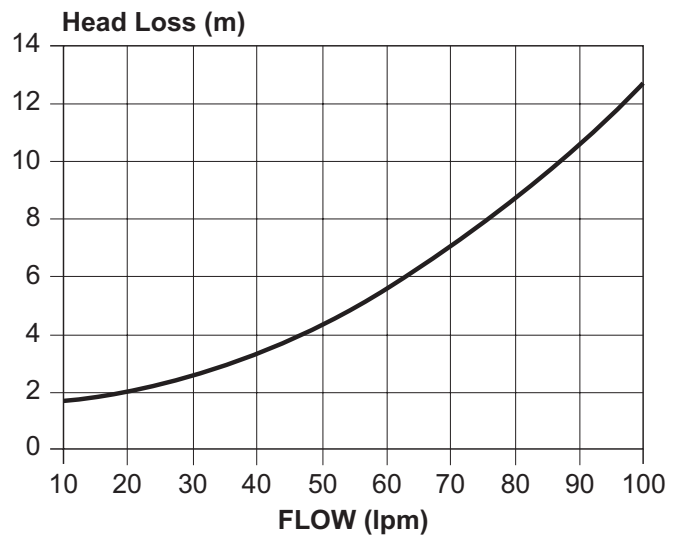
PART	MATERIAL
Housing	Glass fibre reinforced polyamide PA 6 GF 30%
Diaphragm	EPDM
Spring	Steel C 72 UNI 3545
Flow valve	Brass OT 58 UNI5705/65
Check valve	Glass fibre reinforced polyamide PA 6 GF 30%
Control box	Self extinguishing thermoplastic resin VO
Printed circuit	Vetronite

## ELECTRICAL DATA

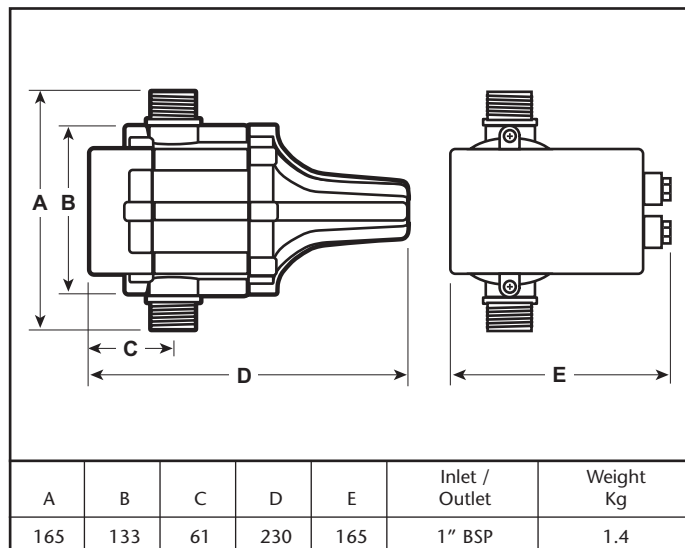
Voltage	220V ± 10%
Phase	Single
Hz	50/60
IP Rating	65
Max. Load Current	10 amps
Max. motor size*	1.1kW
Surge protection	Varistor

\*For direct switching-larger motors can be switched via contactor or relay.

## HYDRAULIC PERFORMANCE



## DIMENSIONS



All dimensions in mm unless otherwise stated.

This literature is not a complete guide to product usage. Further information is available from your Davey dealer, Davey Customer Service Centre and from the relevant product Installation and Operating Instructions. This data sheet must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice. © Davey is a registered trademark of Davey Products Pty Ltd. © Davey Products Pty Ltd 2000.



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DEPEND ON  
**DAVEY**

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