

Pumps for domestic water supply
on the farm or in the garden



Pumps for water supply around the house

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Pumps for domestic water supply

for farming, gardening and general cleaning applications

Free water for domestic use - delivered by efficient ZUWA pumps

Save precious and expensive drinking water!

With a ZUWA domestic water pump process water can be pumped free of charge from wells, cisterns, the own pond or lake.

ZUWA domestic water supply systems include a rugged efficient centrifugal pump, a pump control for automatic pump start and stop and a pressure gauge.

Applications:

- ▶ irrigation
- ▶ flush toilet
- ▶ pond venting
- ▶ washing machine
- ▶ car wash
- ▶ increasing water pressure
- ▶ cleaning barns

Quick and easy
installation



JET 100/E

Further Informations about this pump - page 4



JET 100/E INOX

JET 100/E INOX

Full automatic pump for domestic water supply with automatically pump stop when running out of water (BRIO).

Pump is particularly suitable for toilet flushing and washing machines. Non rusting pump made of stainless steel.

- ▶ pump housing and shaft: stainless steel
- ▶ impeller: brass
- ▶ rotary seal: carbon/ceramic



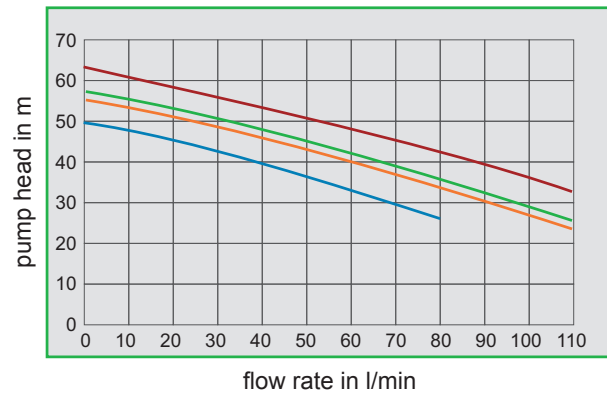
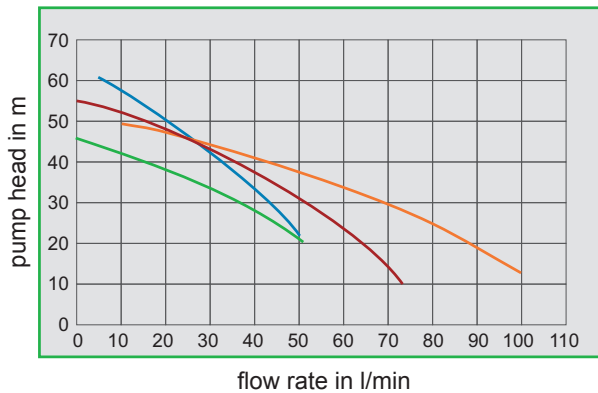
JET 200/Z

Further Informations about this pump - page 4

Pumps for domestic water supply

for the farm or in the garden

Characteristic curves:



*Flow rates slightly lower when using pump controle BRIO.

Technical details

Type	Motor power			Flow rate max.	Pressure max.	Pump control	Connections (out/in)	Dimensions in cm	Weight	Art.No.
	kw	V	A							
JET 100/Z	0,75	230	4,5	58 l/min	5 bar	Zumatic	1"	43 x 36 x 67	22 kg	165007HWZ
JET 100/E	0,75	230	4,5	58 l/min	5 bar	Brio	1"	43 x 19 x 41	18 kg	165007HWE
JET GP 100/E INOX 950	0,95	230	4,2	70 l/min	5,4 bar	Brio	1"	37 x 20 x 46	9 kg	165011HWE
JET GP 100/E INOX 1200	1,2	230	5,5	75 l/min	5,8 bar	Brio	1"	37 x 20 x 46	10 kg	165010HWE
JET 150/Z	1,1	230	8,5	120 l/min	4,6 bar	Zumatic	1½" / 1¼"	56 x 23 x 70	38 kg	165046HWZ
JET 150/E	1,1	230	8,5	120 l/min	4,6 bar	Brio	1½" / 1¼"	56 x 22 x 45	36 kg	165046HWE
JET 200/Z	1,5	230	10	120 l/min	5,2 bar	Zumatic	1½" / 1¼"	56 x 23 x 70	38 kg	165048HWZ
	1,5	400	4,8	100 l/min	5,3 bar	Zumatic	1½" / 1¼"	56 x 23 x 70	38 kg	165049HWZ
JET 300/Z	2,2	400	5,8	110 l/min	6,3 bar	Zumatic	1½" / 1¼"	56 x 23 x 70	39 kg	165050HWZ
CM 100/Z	0,75	230	6,6	100 l/min	4,6 bar	Zumatic	1"	37 x 36 x 65	16 kg	165053HWZ
CM 100/E	0,75	230	6,6	100 l/min	4,6 bar	Brio	1"	37 x 17 x 39	12 kg	165053HWE
P80/Z	0,75	230	5,5	56 l/min	5,9 bar	Zumatic	1"	25 x 36 x 63	11 kg	165012HWZ
P80/E	0,75	230	5,5	56 l/min	5,9 bar	Brio	1"	25 x 12 x 37	11 kg	165012HWE

Centrifugal Pumps

uncomplicated and durable

The simple and robust design is one of the key features of a centrifugal pump. They are primarily used for pumping clean water in a dry-well installation. Main applications are service water, irrigation and pressure increase.

Model CM

Multistage, regular priming centrifugal pump for service water and irrigation – operates extremely quiet.

- ▶ pump housing, shaft and impeller: stainless steel
- ▶ rotary seal: ceramic/graphite
- ▶ thermal motor protection and cable
- ▶ for water temperatures up to 40°C



Model CM

Model P

Regular priming centrifugal pump with peripheral impeller – an efficient, small pump for clean water at a most competitive price. Suited for domestic water supply, irrigation from wells or rain water basins or for industrial use.

- ▶ pump housing: cast iron or brass
- ▶ Impeller: brass
- ▶ shaft: stainless steel
- ▶ thermal motor protection and cable
- ▶ for water temperatures up to 60°C



Model P

Model Jet

Self priming, durable pump for domestic water supply, irrigation or industrial use. Maximum suction height 8 metres.

- ▶ pump housing: cast iron
- ▶ impeller: brass
- ▶ shaft: stainless steel
- ▶ rotary seal made of ceramic/graphite
- ▶ thermal motor protection (for 230V version) and cable
- ▶ for water temperatures up to 50°C



JET 100

Combined with an optional pump control this pump is perfectly adapted for the use as a domestic water supply system.

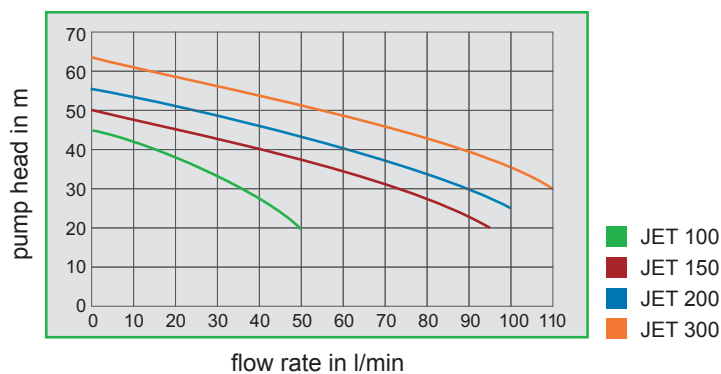
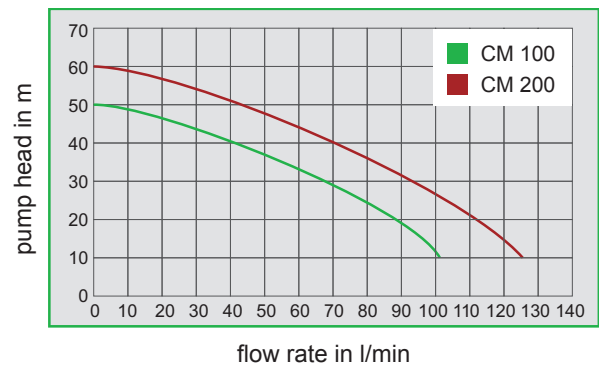
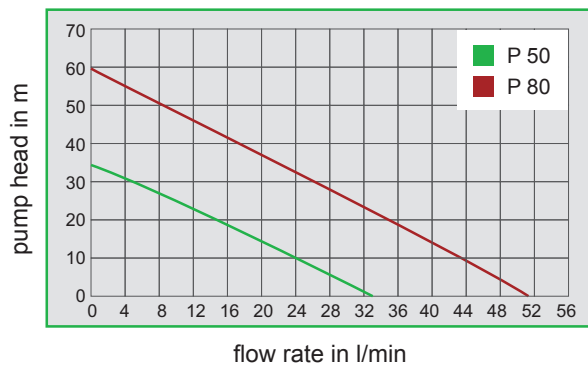


JET 150/200/300

Additional Equipment – Pump Control:

ZUWA centrifugal pumps can be equipped with a pump control – ideal when the pump is used for domestic water supply or for pressure boosting. Pump starts automatically when water is withdrawn. (Page 7)

Characteristic curves:



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Technical details

Type	Motor power			Flow rate max.	Pressure max.	Connections out/in	Dimensions in cm	Weight	Art.No.
	kW	V	A						
JET 100	0,75	230	4,5	58 l/min	5 bar	1" x 1"	42,5 x 19 x 20	17 kg	165007
JET 150	1,1	230	8,5	120 l/min	4,6 bar	1½" / 1¼"	55,5 x 22 x 24	31 kg	165046
JET 200	1,5	230	10	120 l/min	5,2 bar	1½" / 1¼"	55,5 x 22 x 24	33 kg	165048
JET 200	1,5	400	4,4	120 l/min	5,2 bar	1½" / 1¼"	55,5 x 22 x 24	33 kg	165049
JET 300	2,2	400	4,6	140 l/min	6,2 bar	1½" / 1¼"	55,5 x 22 x 24	34 kg	165050
CM 100	0,75	230	6,6	100 l/min	4,6 bar	1" x 1"	37 x 17,5 x 18	11 kg	165053
	0,75	400	2,2	100 l/min	4,6 bar	1" x 1"	37 x 17,5 x 18	11 kg	1650534
CM 200	1,5	400	3,3	130 l/min	6 bar	1¼" / 1"	42 x 19,5 x 21	15 kg	165054
P 50	0,37	230	2,5	32 l/min	3,5 bar	1" x 1"	25,5 x 14 x 16	6 kg	165004
P 80	0,75	230	5,5	52 l/min	5,9 bar	1" x 1"	28,5 x 16 x 18	8,5 kg	165010V

Submersible pumps

for clear water

WELL pumps are particularly suitable for lifting clear water from deep wells and cisterns, for pressure boosting or irrigation. The pumps can be provided with different pump controls if required (Page 7 and 8).

All Models:

- ▶ shaft, motor and pump housing are constructed of stainless steel
- ▶ oil- or water-cooled motor (Oil has no harmful effect on environment)
- ▶ protection class IP 68
- ▶ motor protection switch
- ▶ inclusive 15 meter cable
- ▶ for water temperatures up to 35° C

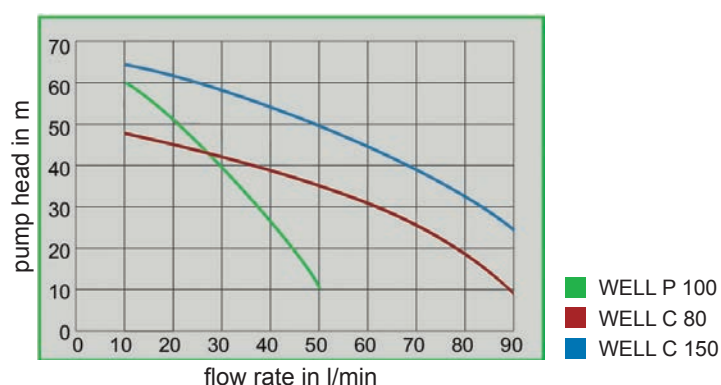
WELL C 80 and C 150

- ▶ noryl impellers

WELL P

- ▶ brass impellers

Characteristic curves:



Technical details

Type	Flow rate max.	Pump head max.	Motor power			Pressure connection	Dimensions	Particle size	weight	impeller wheels	Art. No.
			kW	V	A						
WELL C 80	110 l/min	48 m	0,6	230	4,4	1¼", DN 32	49 x 13 cm	38 mm	13 kg	5	1650368
WELL C 150	110 l/min	68 m	1,1	230	7,5	1¼", DN 32	57 x 12,8 cm	42 mm	15 kg	6	165037
WELL P 100	55 l/min	60 m	0,75	230	6	1", DN 25	47 x 9,5 cm	42 mm	9 kg	1	165014

Pump Control V10 Plus

Multifunctional control device for pumps with 230 or 400V, up to 7,5 kW and 16 A.

Functions:

- ▶ integrated level control
- ▶ programmable dry run protection
- ▶ electronic over-/underload protection
- ▶ excess voltage, phase failure and lightning protection
- ▶ reverse battery protection
- ▶ blocking protection (activation of the pump every 24 h / 1 sec)
- ▶ storage of startings and working hours



Pump Control
V10 Plus

Art. No.: 169013

Pump control BRIO and ZUMATIC

Electronic and mechanical pump controls for automation of garden pumps and domestic water supply pumps. The pump control starts the pump automatically on withdrawal of water and stops it when withdrawal is finished.

ZUMATIC

Mechanical pump control with surge tank and pressure gauge. Particularly suitable for high capacity pumps and for pressure boosting. No dry run protection.

230 Volt, 2-12 bar:	Art. No.: 169017
400 Volt, 1-5 bar:	Art. No.: 169016
230 Volt, 1-5 bar:	Art. No.: 169001
400 Volt, 2-12 bar:	Art. No.: 169018

BRIO

Electronic pump control to be installed anywhere in the line between pump and first outlet. Ensures constant pressure distribution. Easy mounting and installation.

With dry run protection: pump is cut off automatically when running without water (signal light). Suitable also for retrofitting existing pumps.

with brass screwing, without cable and plug:	Art. No.: 169009
with brass screwing, cable and plug:	Art. No.: 1690092



ZUMATIC with
pressure switch



BRIO

Pump Control Venscu:

Control for submersible pumps. With dry run protection:

- ▶ port for pressure control
- ▶ electronic overload protection
- ▶ operating capacitor for pump

for 230 V pumps	Art. No.: 169034 (for 11A), 169035 (for 13A)
for 400 V pumps	Art. No.: 169044 (for 3,7A), 169045 (for 5,5A)

Additional equipment: probes for water level monitoring. Page 8



Pump Control
Venscu

Accessories

Probes

Probes for pump control, level regulation for fluidlevels Art. No.: 169000



Probes

Hose

PVC-hose, operating pressure: 5,5 to max. 6,5 bar, spiral insert per meter

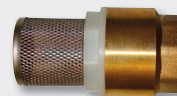
- ▶ hose 19 mm, ¾" Art. No.: 30033
- ▶ hose 25 mm, 1" Art. No.: 30059
- ▶ hose 30 mm, 1 ¼" Art. No.: 30081
- ▶ hose 40 mm, 1 ½" Art. No.: 30083
- ▶ hose 50 mm, 2" Art. No.: 30050



Hose

Stop valve

Clapper valve in different sizes, brass with stainless steel strainer, for water
Art. No.: 131048, 131061, 131053, 131054, 131055



Stop valve

Transport trolley

Cart with removable push rod and convenient cable holder.
Art. No.: 136101



Transport trolley

Float switch:

Float switch with 5 m cable and adapter plug, suitable for nearly all pump types.

Art. No.: 131066



Float Switch

Filters for Water Pumps

- Water filter 1¼" i with cartridge Art. No.: 131017
- Water filter 1½" i with cartridge Art. No.: 131018
- Water filter 1" i with cartridge Art. No.: 131087



Wasserfilter



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