

line
TATRA

EQUIPMENT CATALOG



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ELECTRIC WATER HEATERS



TATRA Line Electric Water Heater CUBE Series

KEY FEATURES:

Tatra-line Cube electric water heaters are designed to heat cold water supplied from the water mains. The Tatra-line Cube storage water heater with a tank capacity of 10L, a power of 2 kW, and a convenient mechanical control type will help you save on hot water.

The compact dimensions of the water heater (HxWxD): 350x360x300 mm and its ergonomic design allow you to install it in almost any corner of your kitchen or bathroom. The stylish and unobtrusive design (black and white tones) harmonizes with any interior.



TECHNICAL SPECIFICATIONS

Model	TCBN10-(U)	TCBN 10-(0)
Capacity, L	10	
Voltage, V	220-240	
Connection size	1/2 inch	
Dimensions (H*W*D), mm	350x360x300	
Inner tank material	enameled tank	
Country of origin	China	
Power	2 кВт	
Heating element type	wet	
Installation method	wall-mounted	
Shape	flat	
Warranty	60 months	



enamel coated
tank



overheat protection



overpressure protection



maximum working
pressure 0.75 MPa



grounding



IPX4 protection
level



2 kW heating
element

TATRA Line Electric Water Heater STANDART Series

KEY FEATURES:

Tatra-line Standart electric water heaters are designed to heat cold water supplied from the water mains. Tatra-line Standart storage water heaters with a tank capacity of 50, 80, and 100L, with wet and dry heating elements with a power of 2 kW, and convenient mechanical control will help you save on hot water.

The compact dimensions and ergonomic design of the water heater allow you to install it in almost any corner of your kitchen or bathroom. The stylish and unobtrusive design (black and white tones) harmonizes with any interior.

TECHNICAL SPECIFICATIONS

Model	TSDN50-W TSDN50-D	TSDN80-W TSDN80-D	TSDN100-W TSDN100-D
Capacity, L	50	80	100
Voltage, V	220-240		
Connection size	1/2 inch		
Inner tank material	enameled tank		
Country of origin	China		
Power	2 kW		
Heating element type	wet, dry		
Installation method	wall-mounted: vertical		
Shape	round		
Warranty	60 months		
Dimensions (H*W*D), mm	810x350x350	865x410x410	1030x410x410



enamel coated tank



overheat protection



overpressure protection



maximum working pressure 0.75 MPa



grounding



IPX4 protection level



2 kW heating element

TATRA Line Electric Water Heater SLIM Series

KEY FEATURES:

Tatra-line Slim electric water heaters are designed to heat cold water supplied from the water mains. Tatra-line Slim storage water heaters with a tank capacity of 50, 80, and 100L, with wet and dry heating elements with a power of 2 kW, and convenient mechanical control will help you save on hot water.

The compact dimensions and ergonomic design of the water heater allow you to install it in almost any corner of your kitchen or bathroom. The stylish and unobtrusive design (black and white tones) harmonizes with any interior.

TECHNICAL SPECIFICATIONS

Model	TSMN50-W TSMN50-D	TSMN80-W TSMN80-D	TSMN100-W TSMN100-D
Capacity, L	50	80	100
Voltage, V	220-240		
Connection size	1/2 inch		
Inner tank material	enameled tank		
Country of origin	China		
Power	2 kW		
Heating element type	wet, dry		
Installation method	wall-mounted: vertical / horizontal		
Shape	flat		
Warranty	60 months		
Dimensions (H*W*D), mm	975x435x235	1030x513x270	1205x513x270



enamel coated tank



overheat protection



overpressure protection



maximum working pressure 0.75 MPa



grounding



IPX4 protection level



2 kW heating element

line
TATRA

ELECTRIC BOILERS

and ACCESSORIES



TATRA Line Electric Boiler SMART

KEY FEATURES:

Tatra-line Smart series boilers use a patented heating technology to generate heat. The boiler is equipped with a pump and an expansion tank. Electric heating boilers have high efficiency – about 99%.

TECHNICAL SPECIFICATIONS

Models	TL-E05		TL-E07		TL-E09		TL-E14		TL-E20	TL-E26
Nominal power	5.5		7.5		9.5		14		20	26
Phase	1	3	1	3	1	3	1	3	3	3
Voltage, V	230	400	230	400	230	400	230	400	400	400
Nominal current (A)	23.9	8.0	32.6	10.9	41.3	13.8	62.6	20.9	28.4	38
Wire cross-section, mm²	3*4	5*2.5	3*6	5*25	3*10	5*25	3*16	5*2.5	5*4	5*6
Nom. electric current of the protective circuit breaker, A	2P/32	4P/16	2P/40	4P/16	2P/50	4P/16	2P/80	4P/25	4P/40	4P/50
30°C~80°C (radiator mode)										
30°C~60°C (underfloor heating mode)										
80°C										
80°C										
3										
5~30°C										
<8°C										
≥10°C										
230V, 0,5A										
230V, 0,5A										
5										
G1/2"										
G3/4"										
1										
IP 22										
17.9										
17.9										
17.9										
19.7										
21.65										
22.8										
683*381*227										

HS* heating system

MAIN ADVANTAGES:

- Equipped with a circulation pump and an expansion tank. Can be connected to an indirect water heater or buffer tanks for DHW.
- Unique patented heating element, high heating efficiency.
- Touch control, LED display.
- Dual dry heating protection function.
- Automatic anti-freeze protection function.
- Fault auto-detection technology.
- Ultra-low noise level during operation.



TATRA Line Electric Boiler Base

KEY FEATURES:

Tatra-line Base series boilers use a patented heating technology to generate heat. The boiler is equipped with a pump and an expansion tank. Electric heating boilers have high efficiency – about 99%.

TECHNICAL SPECIFICATIONS

Models	TL-F05		TL-F07		TL-F09		TL-F13		TL-F16	TL-F20
Nominal power	5.5		7.5		9.5		13		16	20
Phase	1	3	1	3	1	3	1	3	3	3
Voltage, V	230	400	230	400	230	400	230	400	400	400
Nominal current (A)	23.9	8.0	32.6	10.9	41.3	13.8	56.5	18.8	23.2	28.4
Wire cross-section, mm²	3*4	5*2.5	3*6	5*25	3*10	5*25	3*10	5*2.5	5*4	5*4
Nom. electric current of the protective circuit breaker, A	2P/25	4P/16	2P/40	4P/16	2P/50	4P/16	2P/63	4P/25	4P/25	4P/32
Operating temperature range, °C	30°C~80°C (radiator mode) 30°C~60°C (underfloor heating mode)									
Max. water heating temperature, °C	80°C									
Max. excess pressure of HS *, bar	3									
Temperature difference setting range, °C	5~30°C									
Starting anti-freeze temperature, °C	<8°C									
Anti-freeze function, °C	≥10°C									
Connection of the three-way valve board , A	230V, 0,5A									
Pump output, A	230V, 0,5A									
Expansion tank capacity, L	5									
Make-up valve thread	G1/2"									
Thread for connection to the HS* G3/4"	G3/4"									
Pressure in the expansion tank, bar	1									
Electrical safety protection class	IP 22									
Weight, kg	16.5		16.9		16.9		16.94		17.94	17.94
Dimensions, mm	600*398*218									

HS* heating system

MAIN ADVANTAGES:

- Equipped with a circulation pump and an expansion tank. Can be connected to an indirect water heater or buffer tanks for DHW.
- Unique patented heating element, high heating efficiency.
- Touch button, LED display.
- Dual dry heating protection function.
- Automatic anti-freeze protection function.
- Fault auto-detection technology.
- Ultra-low noise level during operation.



WiFi
Control
capability
via Wi-Fi



Weekly
programming
in the app

TATRA Line Electric Boiler SLIM

KEY FEATURES:

Modern **Tatra-line Slim** series electric boilers are designed to heat heating water in the heating system. The ultra-slim design allows you to install the boiler in confined spaces. Electric heating boilers have high efficiency – about 99%.

TECHNICAL SPECIFICATIONS

Models	TL-Q05		TL-Q07		TL-Q09		TL-Q13	
Nominal power	5.5		7.5		9.5		13	
Phase	1	3	1	3	1	3	1	3
Voltage, V	230	400	230	400	230	400	230	400
Nominal current (A)	23.9	8.0	32.6	10.9	41.3	13.8	56.5	18.8
Wire cross-section, mm²	3*4	5*2.5	3*6	5*25	3*6	5*25	3*10	5*2.5
Nom. electric current of the protective circuit breaker, A	2P/25	4P/16	2P/40	4P/16	2P/50	4P/16	2P/63	4P/25
Operating temperature range, °C	30°C~80°C (radiator mode) 30°C~60°C (underfloor heating mode)							
Max. water heating temperature, °C	80°C							
Max. excess pressure of HS*, bar	3							
Temperature difference setting range, °C	5~30°C							
Starting anti-freeze temperature, °C	<8°C							
Anti-freeze function, °C	≥10°C							
Connection of the three-way valve board , A	230V, 0,5A							
Pump output, A	230V, 0,5A							
Expansion tank capacity, L	5							
Make-up valve thread	G1/2"							
Thread for connection to the HS* G3/4"	G3/4"							
Pressure in the expansion tank, bar	1							
Electrical safety protection class	IP 22							
Weight, kg	7		7.9		7.9		7.9	
Dimensions, mm	560*248*122							

HS* heating system

MAIN ADVANTAGES:

- Can be connected to an indirect water heater or buffer tanks for DHW.
- Unique patented heating element, high heating efficiency.
- Touch button, LED display.
- Dual dry heating protection function.
- Automatic anti-freeze protection function.
- Fault auto-detection technology.
- Ultra-low noise level during operation.



TATRA Line Accessories

Kit for connecting the boiler to the water heater



KEY FEATURES:

The 3-way valve kit for the Tatra line boiler is designed to connect an indirect water heater to the boiler, if necessary.

The kit includes:

- 3-way valve,
- actuator,
- water heater sensor,
- electrical cable with connectors for connecting the actuator to the boiler board.

Tatra line WiFi Module



KEY FEATURES:

The Tatra Line WiFi module is a device that connects to an electric boiler, providing the ability for remote control and monitoring of operation parameters. The user can change the temperature, set operating modes, and receive notifications about the boiler status directly from a smartphone.

line
TATRA

PUMPING EQUIPMENT COMPONENTS and ACCESSORIES



TATRA Line Surface Pump JET-100L

JET-100L pumps are designed for pumping clean water from boreholes, wells, tanks, and other sources; in addition, the pumps can be used in automatic water supply stations.

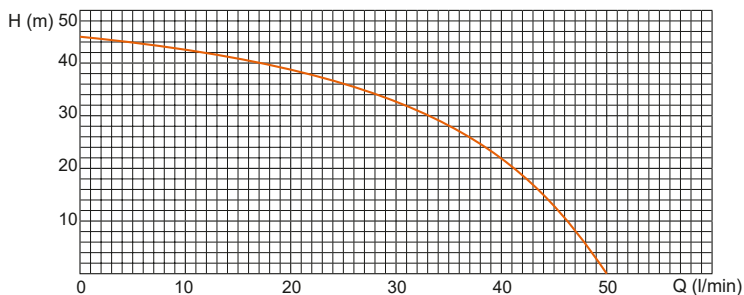
The water must not contain particles with a linear size of more than 1 mm.

The total amount of mechanical impurities must not exceed 100 g/m^3 .

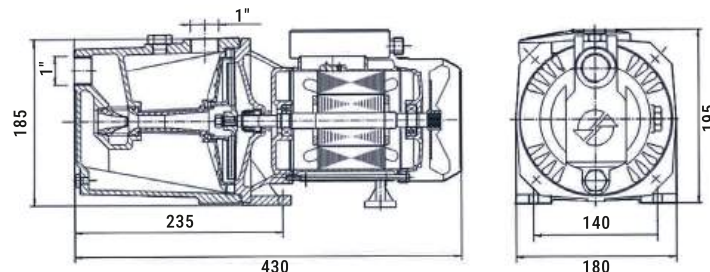
Design features – copper winding, heat-resistant plastic impeller, stainless steel shaft, built-in motor overheating protection in the winding.

Technical specifications

Model	JET100L
Power supply	220V ~ 50Hz
Power, kW	1,1
Max. delivery head H, m	45
Suction depth, m	9
Max. capacity Q, l/min	50
Max. water temperature, °C	+1°C...+35°C
Threaded connection, inch	1"
Protection class	IP44
Power cable	1 m + plug



Dimensions (mm)



TATRA Line Surface Pump JET-150L

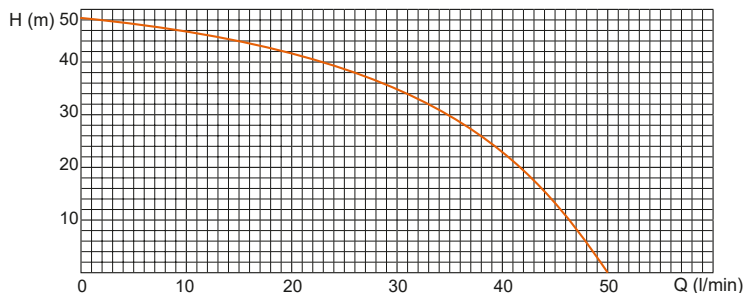
JET-150L pumps are designed for pumping clean water from boreholes, wells, tanks, and other sources; in addition, the pumps can be used in automatic water supply stations. The water must not contain particles with a linear size of more than 1 mm.

The total amount of mechanical impurities must not exceed 100 g/m³.

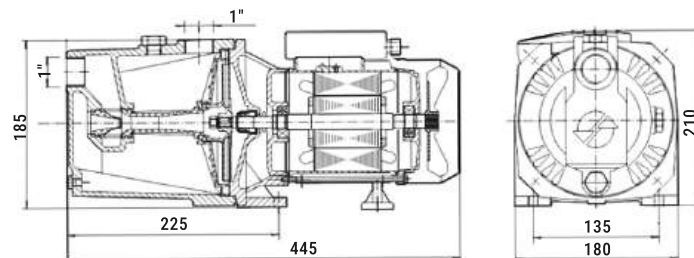
Design features – copper winding, heat-resistant plastic impeller, stainless steel shaft, built-in motor overheating protection in the winding.

Technical specifications

Model	JET150L
Power supply	220V ~ 50Hz
Power, kW	1,3
Max. delivery head H, m	50
Suction depth, m	9
Max. capacity Q, l/min	50
Max. water temperature, °C	+1°C...+35°C
Threaded connection, inch	1"
Protection class	IP44
Power cable	1 m + plug



Dimensions (mm)



TATRA Line Surface Pump JET-200L

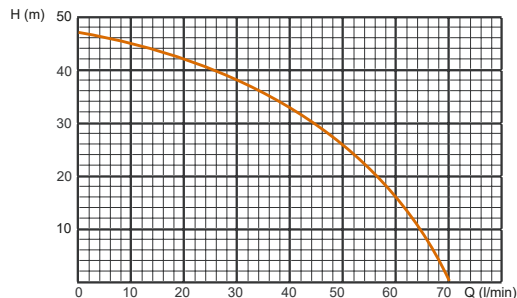
JET-200L pumps are designed for pumping clean water from boreholes, wells, tanks, and other sources; in addition, the pumps can be used in automatic water supply stations. The water must not contain particles with a linear size of more than 1 mm.

The total amount of mechanical impurities must not exceed 100 g/m³.

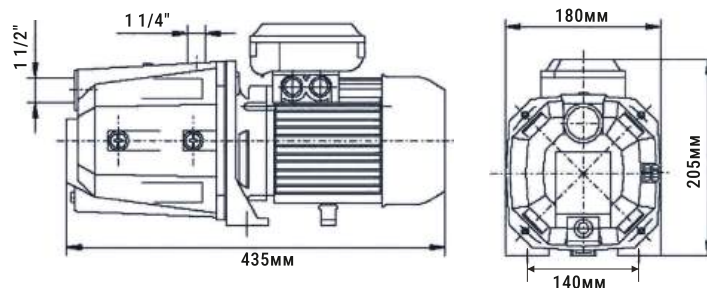
Design features – copper winding, heat-resistant plastic impeller, stainless steel shaft, built-in motor overheating protection in the winding.

Technical specifications

Model	JET200L
Power supply	220V ~ 50Hz
Power, kW	1,5
Max. delivery head H, m	47
Suction depth, m	9
Max. capacity Q, l/min	70
Max. water temperature, °C	+1°C...+35°C
Threaded connection, inch	1"
Protection class	IP44
Power cable	1 m + plug



Dimensions (mm)



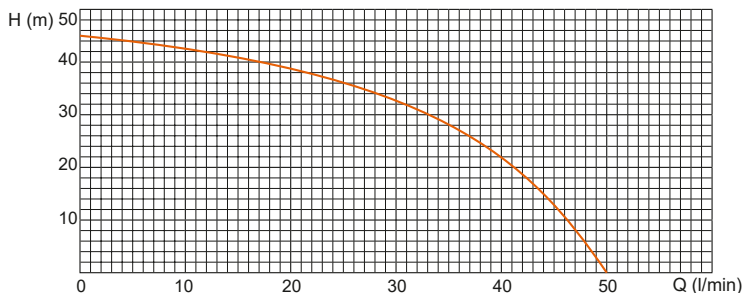
TATRA Line Surface Pump JET-100S

The **JET-100S** surface centrifugal self-priming pump is designed for pumping clean water and chemically non-aggressive liquids. Can be used in domestic applications for supplying water to the water mains, both independently and as part of automatic pumping stations. These models have significant power and several threaded holes on the body, which make connection and maintenance more convenient.

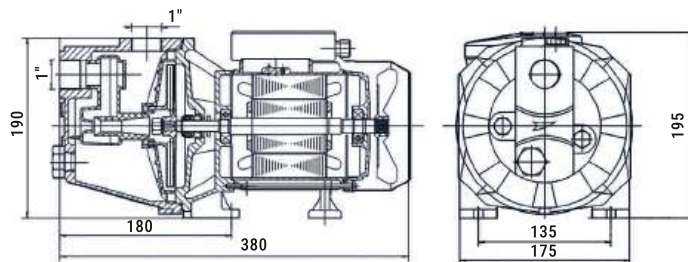
Design features – copper winding, heat-resistant plastic impeller, stainless steel shaft, built-in motor overheating protection in the winding.

Technical specifications

Model	JET100S
Power supply	220V ~ 50Hz
Power, kW	1,1
Max. delivery head H, m	45
Suction depth, m	9
Max. capacity Q, l/min	50
Max. water temperature, °C	+1°C...+35°C
Threaded connection, inch	1"
Protection class	IP44
Power cable	1 m + plug



Dimensions (mm)



TATRA Line Surface Pump JS-100

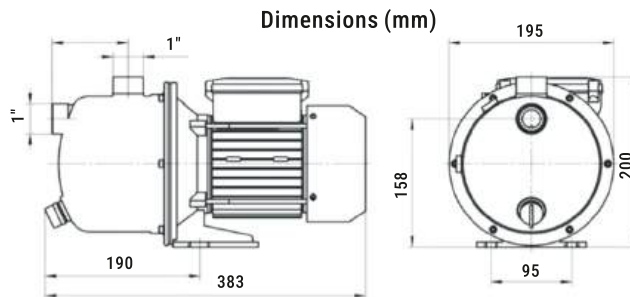
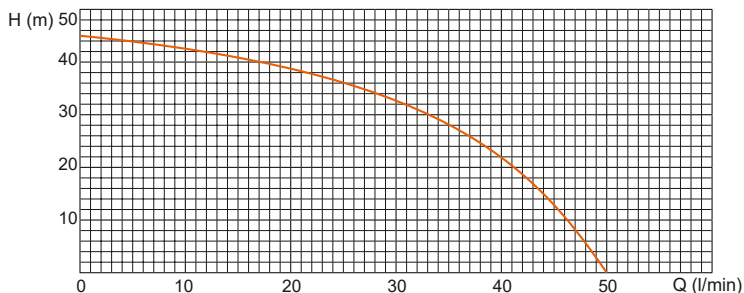
JS-100 pumps are designed for pumping clean water from boreholes, wells, tanks, and other sources; in addition, the pumps can be used in automatic water supply stations. The water must not contain particles with a linear size of more than 1 mm.

The total amount of mechanical impurities must not exceed 100 g/m³.

Design features – copper winding, stainless steel pump body, heat-resistant plastic impeller, stainless steel shaft, built-in motor overheating protection in the winding.

Technical specifications

Model	JS100
Power supply	220V ~ 50Hz
Power, kW	1,1
Max. delivery head H, m	45
Suction depth, m	9
Max. capacity Q, l/min	50
Max. water temperature, °C	+1°C...+35°C
Threaded connection, inch	1"
Protection class	IP44
Power cable	1 m + plug



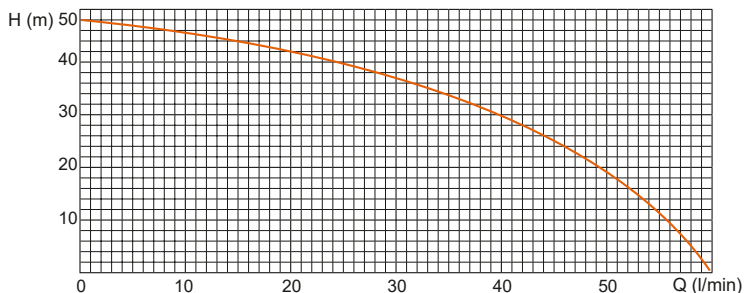
Насос поверхностный TATRA Line JSW 100N

The **JSW 100N** surface centrifugal self-priming pump is designed for supplying and pumping clean water that does not contain abrasive impurities and fibrous inclusions from wells, boreholes, and reservoirs. It is most effectively used in automatic pressure maintenance systems for the water supply of residential buildings and utility facilities. The casing and electric motor are reliably protected by a cast iron casting with air ventilation holes for external cooling.

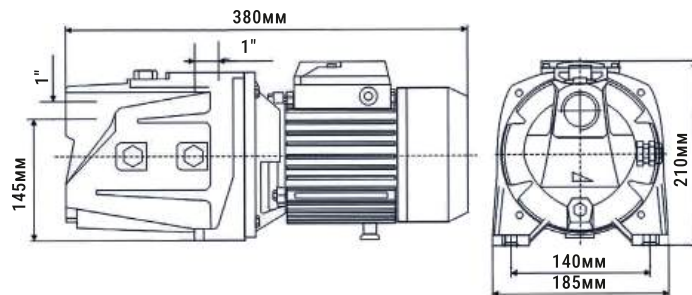
Design features – copper winding, heat-resistant plastic impeller, stainless steel shaft, built-in motor overheating protection in the winding.

Technical specifications

Model	JSW 100N
Power supply	220V ~ 50Hz
Power, kW	0,75
Max. delivery head H, m	48
Suction depth, m	9
Max. capacity Q, l/min	60
Max. water temperature, °C	+1°C...+35°C
Threaded connection, inch	1"
Protection class	IP44
Power cable	1 m + plug



Dimensions (mm)



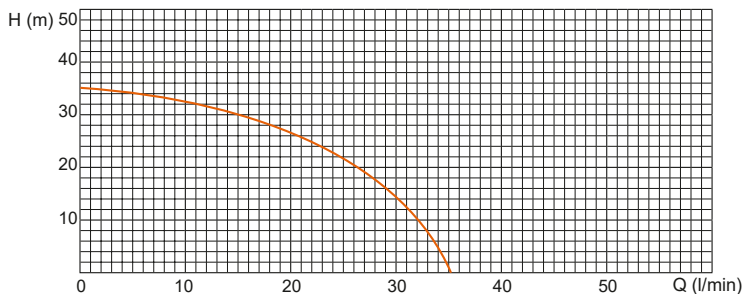
TATRA Line Surface Pump QB-60

The **QB-60** surface pump is used in garden and vegetable garden watering systems, drip irrigation systems, and pressure boosting systems for various purposes. It is a good solution for use in automatic pressure boosting stations in water supply systems of private houses and cottages.

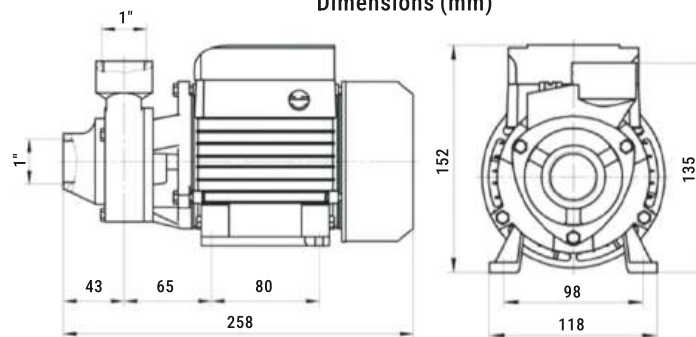
Design features - copper winding, brass impeller, stainless steel shaft, built-in motor overheating protection in the winding.

Technical specifications

Model	QB60
Power supply	220V ~ 50Hz
Power, kW	0,37
Max. delivery head H, m	35
Suction depth, m	9
Max. capacity Q, l/min	35
Max. water temperature, °C	+1°C...+35°C
Threaded connection, inch	1"
Protection class	IP44
Power cable	1 m + plug



Dimensions (mm)



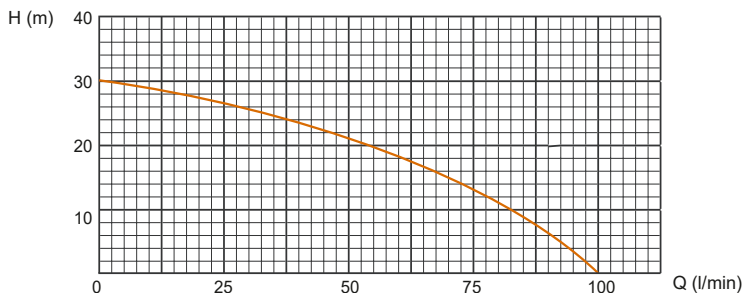
TATRA Line Surface Pump CPM-158

CPM-158 pumps are designed for pumping clean liquids that do not contain abrasive impurities and are non-aggressive to the pump casing material. They are used in garden and vegetable garden watering systems, irrigation systems, as well as for drawing water from rivers, lakes, and canals.

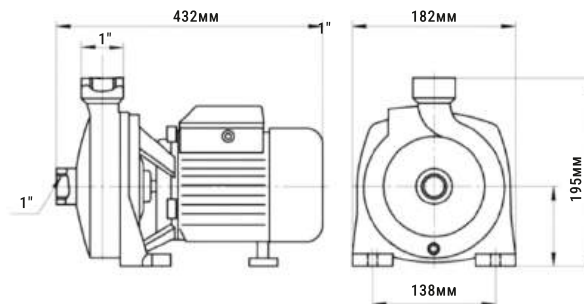
Design features - copper winding, heat-resistant plastic impeller, stainless steel shaft, built-in motor overheating protection in the winding.

Technical specifications

Model	CPM158
Power supply	220V ~ 50Hz
Power, kW	1,1
Max. delivery head H, m	30
Suction depth, m	9
Max. capacity Q, l/min	100
Max. water temperature, °C	+1°C...+35°C
Threaded connection, inch	1"
Protection class	IP44
Power cable	1 m + plug



Dimensions (mm)



TATRA Line Pumping Stations

Tatra-Line water supply pumping stations are equipped with a 24-liter hydroaccumulator and control automation. The stations automatically maintain the required pressure in the system, independently turning on and off according to water consumption. They are used in autonomous water supply systems to supply clean water under constant pressure to residential and utility facilities, and can also be used for irrigating vegetable gardens, orchards, greenhouses, and hotbeds. Designed for continuous operation. All pumping equipment has quality certificates and sanitary-hygienic conclusions.

TATRA JET100L, JET150L, JET200L, JET100S, and QB60 pumping stations have a cast-iron casing and a two-pole motor with a squirrel-cage rotor. The TATRA JS100 pumping station has a stainless steel casing.



TATRA Line Pumping Stations

Design characteristics

Installation method – horizontal.

Power: JET100L, JET100S and JS100 – 1.1 kW; JET200L – 1.5 kW; JET150L – 1.3 kW; QB60 – 370 W; JSW100N – 750 W.

Safety group connection diameter – 1 inch.

Connection size – 1 inch.

Nominal pressure – 10 bar.

Max. temperature – 40 °C.

Mains voltage – 220V.

Protection class – IP44.

Volume – 24L.

Casing material JET100L, JET150L, JET200L, JET100S, JSW100N and Qb60 – Cast iron; Js100 – Stainless steel.

Model	Power, kW	Capacity, l/min	Max. delivery head H, m	Volume, L	Connection size, inch	Mains voltage
JET100L	1,1	50	45	24	1	220
JET150L	1,3	50	50	24	1	220
JET200L	1,5	70	47	24	1	220
JET100S	1,1	50	45	24	1	220
JS100	1,1	50	45	24	1	220
QB60	0,37	35	35	24	1	220
JSW 100N	0,75	60	48	24	1	220

TATRA Line MINI Pumping Station TMPS-370

The **TMPS-370** mini pumping station is designed for pumping clean water from tanks, wells, and other water supply sources.

The station consists of a pump, a tank, a pressure switch, and a pressure gauge.

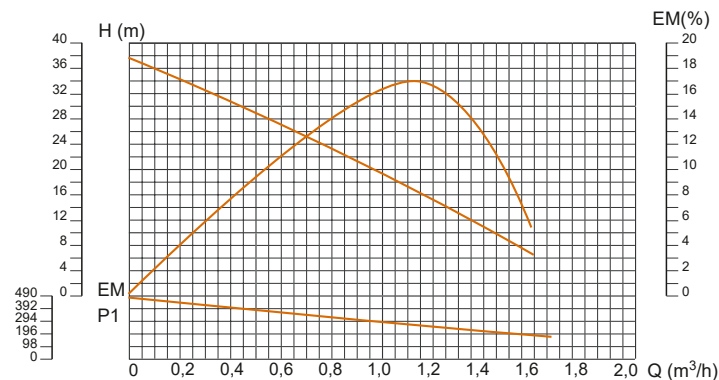
Design features

- Copper motor winding.
- Cast iron pump casing.
- Brass impeller.
- Stainless steel drive shaft.
- Single-phase motor with built-in thermal protection and high efficiency.



Technical specifications

Model	TMPS - 370
Power supply	220V ~ 50 Hz
Power	370 W
Max. delivery head H, m	8m
Suction depth, m	35m
Max. capacity Q, l/min	35 L/min
Expansion tank	2л
Max. water temperature, °C	1 °C - 35 °C
Threaded connection	1 inch
Protection class	IP44
Cable	1m + plug



TATRA Line Borehole Pump 4SKM

The **4SKM** deep centrifugal pump is designed for supplying clean drinking water from boreholes and wells. They are used in automatic water supply systems and irrigation installations in agriculture and horticulture.

They can be used with a mechanical or electrical control scheme in automatic water supply systems. The advantage of these pumps is their compact dimensions with satisfactory performance and high head, which allows them to be used in boreholes and wells.

Design features

Copper motor winding.

Stainless steel pump casing.

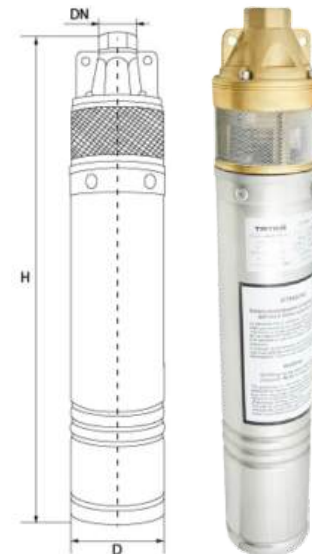
Brass impeller.

Stainless steel drive shaft.

Single-phase asynchronous oil-filled motor with built-in thermal protection and high efficiency.- Stainless steel screws and filters.

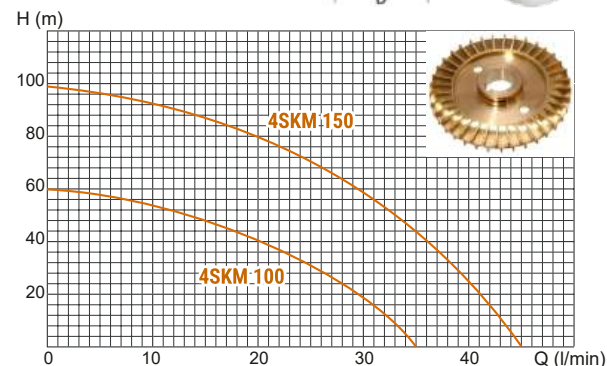
Equipped with a control box featuring a motor overheating protection device.

Model	DN	D, mm	H, mm
4SKM 100	1"	95	505
4SKM 150	1"	95	555



Technical specifications

Model	4SKM 100	4SKM 150
Power supply	220V	220V
Power, kW	0,75	1,1
Max. delivery head H, m	60	98
Max. capacity Q, l/min	45	45
Max. water temperature, °C	+35°C	+35°C
Threaded connection, inch	1"	1"
Protection class	IP68	IP68
Power cable	20m+plug	20m+plug



TATRA Line Borehole Pump 4QGD

The **4QGD** deep screw pump is designed for supplying clean water from boreholes and wells with an internal diameter of 110 mm or more. It is ideal for use in water supply systems of private houses, including automatic pressure maintenance systems, for watering gardens and vegetable gardens, and in drip irrigation systems. Therefore, it is popular among people engaged in agriculture.

Design characteristics

Single-phase asynchronous motor with built-in thermal protection and high efficiency.

Copper motor winding.

Stainless steel pump casing.

Screw-type pump section.

Stainless steel drive shaft.

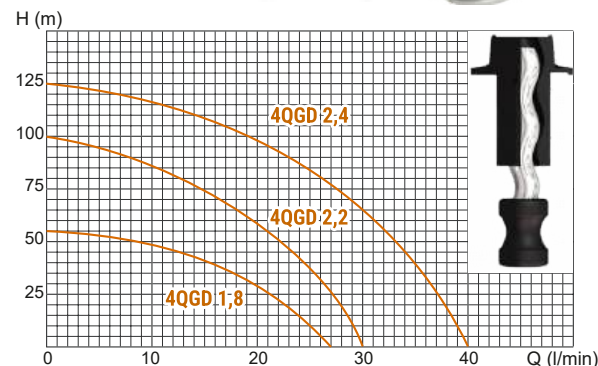
Stainless steel screws and studs.

Model	DN	D, mm	H, mm
4QGD 1,8	1"	95	520
4QGD 2,2	1"	95	560
4QGD 2,4	1"	95	580



Technical specifications

Model	4QGD 1,8	4QGD 2,2	4QGD 2,4
Power supply	220V	220V	220V
Power, kW	0,37	0,55	0,75
Max. delivery head H, m	56	100	125
Max. capacity Q, l/min	27	30	40
Max. water temperature, °C	+35°C	+35°C	+35°C
Threaded connection, inch	1"	1"	1"
Protection class	IP68	IP68	IP68
Power cable	20m+plug	20m+plug	20m+plug



TATRA Line Borehole Pump 3QGD

The **3QGD** screw borehole pump is designed for supplying clean and drinking water from boreholes and wells with a diameter of 90 mm or more. They are used for general water supply, creating pressure in water mains, irrigation installations, etc. They can be used with mechanical or electronic control schemes in automatic water supply systems. They are a good choice in situations where it is necessary to achieve high head values using a low-power pump.

Design characteristics

Single-phase asynchronous motor with built-in thermal protection and high efficiency.

Copper motor winding.

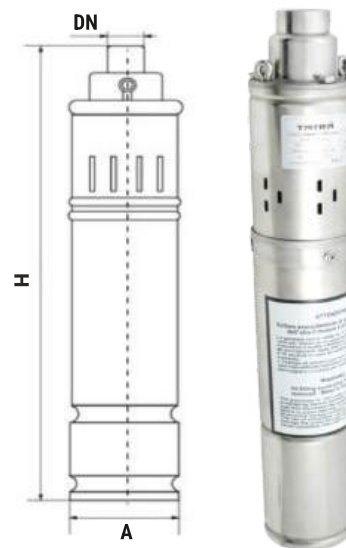
Stainless steel pump casing.

Screw-type pump section.

Stainless steel drive shaft.

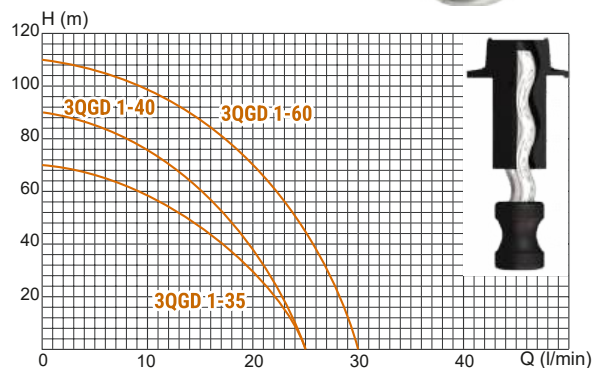
Stainless steel screws and studs.

Model	DN	A, mm	H, mm
3QGD 1-35	1"	75	540
3QGD 1-40	1"	75	550
3QGD 1-60	1"	75	590



Technical specifications

Model	3QGD 1-35	3QGD 1-40	3QGD 1-60
Power supply	220V	220V	220V
Power, kW	0,37	0,55	0,75
Max. delivery head H, m	70	90	110
Max. capacity Q, l/min	25	25	30
Max. water temperature, °C	+35°C	+35°C	+35°C
Threaded connection, inch	1"	1"	1"
Protection class	IP68	IP68	IP68
Power cable	20m+plug	20m+plug	20m+plug

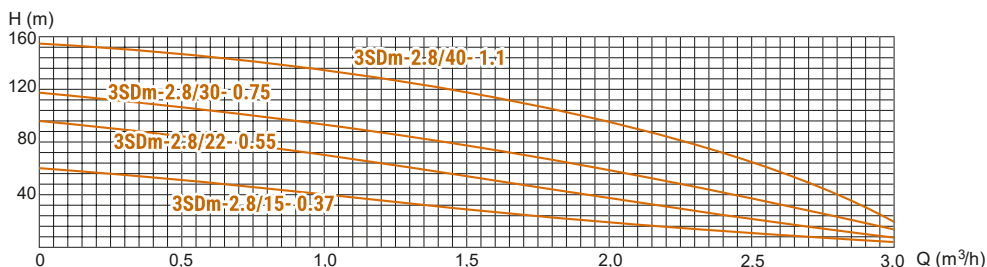
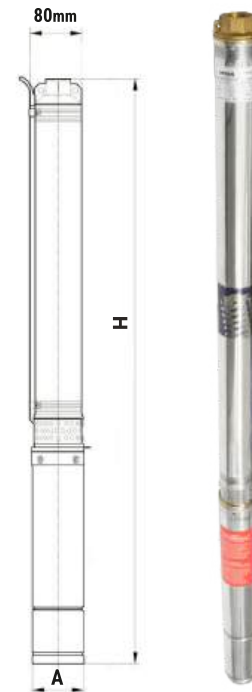


TATRA Line Borehole Pump 3SDm-2.8

3SDm-2.8 series centrifugal multistage deep well pumps are designed for supplying clean water from wells and boreholes with an internal diameter of 90 mm or more. They are used for general water supply, creating pressure in water mains, irrigation installations, etc. They can be used with an electronic control scheme in automatic water supply systems.

Technical specifications

Model	3SDm-2.8/15	3SDm-2.8/20	3SDm-2.8/30	3SDm-2.8/40
Power supply	220V ~ 50 Hz	220V ~ 50 Hz	220V ~ 50 Hz	220V ~ 50 Hz
Installation type	submersible	submersible	submersible	submersible
Power	0.37 kW	0.55 kW	0.75 kW	1,1 kW
Water type	for clean water	for clean water	for clean water	for clean water
Max. delivery head H, m	55 m	79 m	108 m	144 m
Max. capacity Q, l/min	47 l/min	47 l/min	47 l/min	47 l/min
Max. water temperature, °C	+35 °C	+35 °C	+35 °C	+35 °C
Threaded connection	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Cable	30 m	30 m	30 m	30 m



Model	DN	A, mm	H, mm
3SDm-2,8/15-0.37	1"	75	900
3SDm-2,8/20-0.55	1"	75	1140
3SDm-2,8/30-0.75	1"	75	1395
3SDm-2,8/40-1.1	1"	75	1705

TATRA Line Sewage Pump WQD

WQD series centrifugal sewage pumps are designed for pumping liquids with a small content of biological waste, wastewater, settled sewage water, rainwater, and seepage water. They are reliable, economical, and easy to use. They are also used for filling or draining pools, processing domestic wastewater, supplying water from shallow wells, cisterns, open reservoirs, automatic water supply systems in agriculture, watering vegetable gardens, and irrigating orchards.

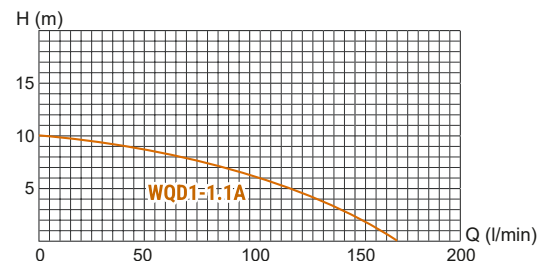
Design characteristics

Cast iron pump casing.
Single-channel closed-type cast iron impeller.
Single-phase asynchronous motor with built-in thermal protection.
Stainless steel pump shaft.
Ceramic-graphite mechanical seal with an oil chamber.
Equipped with a water level sensor and can operate in automatic mode.
Cable length 10 m.



Technical specifications

Model	WQD1-1.1A
Power supply	220V
Power, kW	1,1
Max. delivery head H, m	10
Immersion depth, m	6
Max. capacity Q, l/min	170
Max. water temperature, °C	+35°C
Threaded connection, inch	2"
Protection class	IP68
Power cable	10 m+plug



TATRA Line Sewage Pump WQCD

WQCD series sewage pumps are equipped with a cutting mechanism that allows for the pre-grinding of solid and fibrous inclusions contained in the pumped liquid. Designed for lifting dirty water and chemically non-aggressive liquids, such as ground and surface water, including those containing silt, domestic wastewater, feces, as well as for draining drainage wells, pools, and basements.

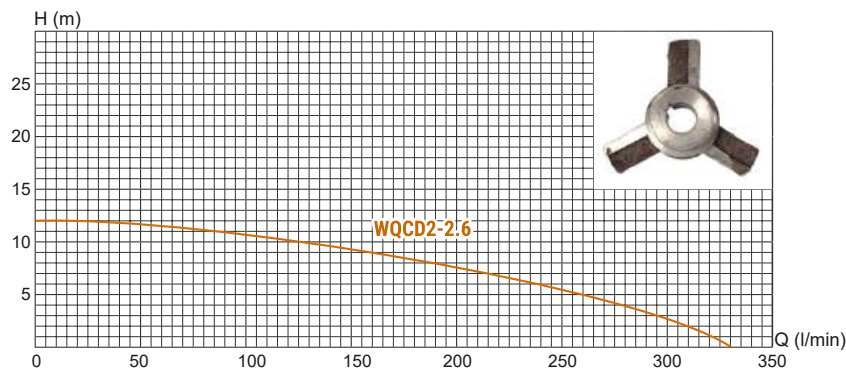
Design characteristics

Cast iron pump casing. Stainless steel shaft.
Single-phase asynchronous motor with built-in thermal protection and high efficiency.
Cutting mechanism made of ZG40Cr alloy.
Stator with two windings (working and starting), which allow determining the heating level.
Double mechanical seal made of ceramic-graphite.
Equipped with a water level sensor and can operate in automatic mode.
Cable length 10 m.



Technical specifications

Model	WQCD2-2,6 (з ножами)
Power supply	220V
Power, kW	2,6
Max. delivery head H, m	12
Immersion depth, m	6
Max. capacity Q, l/min	330
Max. water temperature, °C	+35°C
Threaded connection, inch	2"
Protection class	IP68
Power cable	10M+plug



TATRA Line Drainage Pump PCW

The **PCW** drainage pump is designed for pumping clean water and seepage, rainwater, groundwater with a low content of mechanical impurities, up to 5 mm. Equipped with a multi-channel open polymer impeller with a spherical passage and a corrosion and impact-resistant casing. The pump is also equipped with a float switch for automatic starting or stopping of the motor when the water level changes. The motor is protected from overheating by a built-in thermal protection relay.

Design characteristics

Copper motor winding.

Technopolymer pump casing.

Stainless steel drive shaft.

Single-phase asynchronous motor with built-in thermal protection.

Ceramic-graphite mechanical seal.

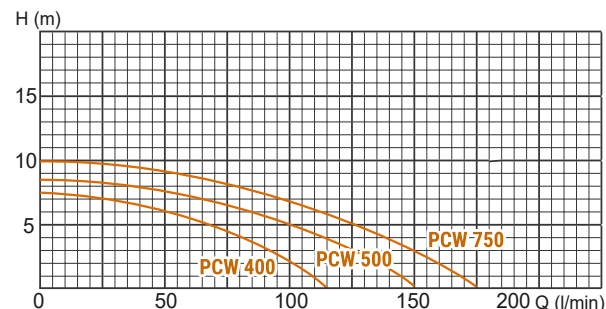
Equipped with a water level sensor and can operate in automatic mode.



Model	DN1	DN2	DN3	DN4	L	W	H
PCW 400	1 1/2"	1 1/4"	1"	3/4"	160	225	305
PCW 500	1 1/2"	1 1/4"	1"	3/4"	160	225	305
PCW 750	1 1/2"	1 1/4"	1"	3/4"	160	225	305

Technical specifications

Model	PCW 400	PCW 500	PCW 750
Power supply	220V	220V	220V
Power, kW	0,4	0,5	0,75
Max. delivery head H, m	7,5	8,5	10
Max. capacity Q, l/min	117	150	175
Max. water temperature, °C	+35°C	+35°C	+35°C
Threaded connection, inch	1", 1 1/2"	1", 1 1/2"	1", 1 1/2"
Protection class	IP X8	IP X8	IP X8
Power cable	10m+plug	10m+plug	10m+plug



TATRA Line Drainage Pump BCP

The **BCP** drainage pump is designed for pumping clean water and for pumping out seepage, rainwater, groundwater with a small content of mechanical impurities.

This model is compact, reliable in operation, and is a good helper in everyday life.

Design characteristics

Copper motor winding.

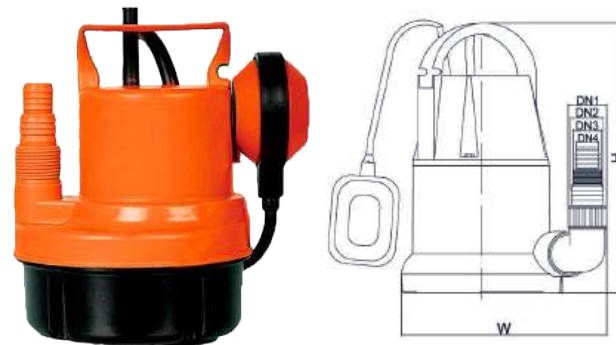
Technopolymer pump casing.

Stainless steel drive shaft.

Single-phase asynchronous motor with built-in thermal protection.

Ceramic-graphite mechanical seal.

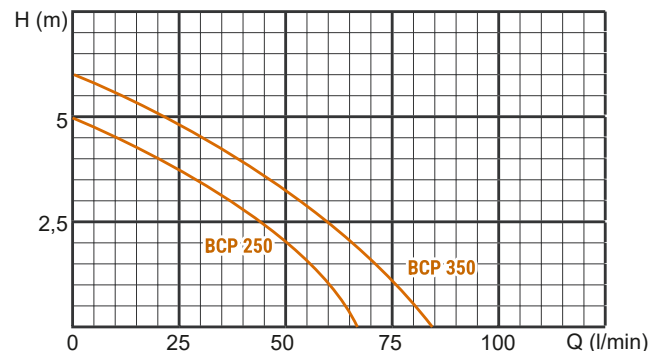
Equipped with a water level sensor and can operate in automatic mode.



Model	DN1	DN2	DN3	DN4	W	H
BCP 250	1 1/2"	1 1/4"	1"	3/4"	155	235
BCP 350	1 1/2"	1 1/4"	1"	3/4"	155	235

Design characteristics

Model	BCP 250	BCP 350
Power supply	220V	220V
Power, kW	0,25	0,35
Max. delivery head H, m	5	6
Max. capacity Q, l/min	67	84
Max. water temperature, °C	+35°C	+35°C
Threaded connection, inch	1"	1"
Protection class	IP X8	IP X8
Power cable	10m+plug	10m+plug



TATRA Line Drainage Pump ICW

The ICW drainage pump is designed for pumping clean water and for pumping out seepage, rainwater, groundwater with a small content of mechanical impurities. The pump is equipped with a multi-channel open polymer impeller with a spherical passage, and the casing is made of stainless steel, which increases reliability. The motor is protected from overheating.

Thanks to its power and compact size, it is a good option for solving a wide range of everyday tasks.

Design characteristics

Copper motor winding.

Stainless steel pump casing.

Stainless steel drive shaft.

Single-phase asynchronous motor with built-in thermal protection.

Ceramic-graphite mechanical seal.

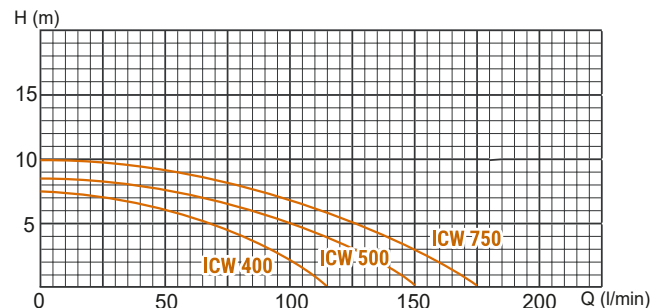
Equipped with a water level sensor and can operate in automatic mode.

Technical specifications

Model	ICW 400	ICW 500	ICW 750
Power supply	220V	220V	220V
Power, kW	0,4	0,5	0,75
Max. delivery head H, m	7,5	8,5	10
Max. capacity Q, l/min	117	150	175
Max. water temperature, °C	+35°C	+35°C	+35°C
Threaded connection, inch	1"; 1 1/2"	1"; 1 1/2"	1"; 1 1/2"
Protection class	IP X8	IP X8	IP X8
Power cable	10M+plug	10M+plug	10M+plug



Model	DN1	DN2	DN3	DN4	L	H
ICW 400	1 1/2"	1 1/4"	1"	3/4"	150	280
ICW 500	1 1/2"	1 1/4"	1"	3/4"	150	280
ICW 750	1 1/2"	1 1/4"	1"	3/4"	150	280



TATRA Line Drainage Pump DWP

The **DWP** drainage pump is designed for pumping dirty water. This is a good option for emergency water pumping. Unlike other pumps, this model is equipped with a multi-channel open polymer impeller with an enlarged spherical passage and a corrosion and impact-resistant casing. The pump is also equipped with a float switch for automatic starting/stopping of the motor when the water level changes. The motor is protected from overheating by a built-in thermal protection relay. Significant power, compact size, and a convenient handle make it a good solution for a wide range of tasks in everyday life.

Design characteristics

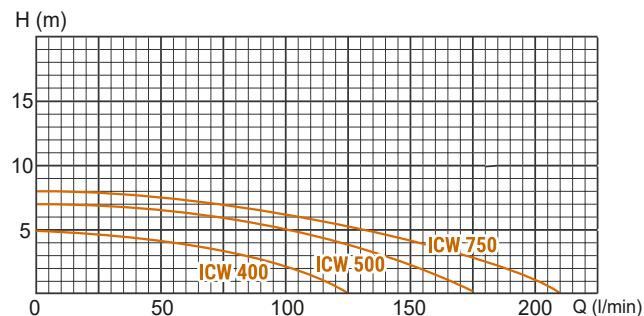
- Copper motor winding.
- Technopolymer pump casing.
- Stainless steel drive shaft.
- Single-phase asynchronous motor with built-in thermal protection.
- Ceramic-graphite mechanical seal.
- Equipped with a water level sensor and can operate in automatic mode.

Technical specifications

Model	DWP 400	DWP 500	DWP 750
Power supply	220V	220V	220V
Power, kW	0,4	0,5	0,75
Max. delivery head H, m	5	7	8
Max. capacity Q, l/min	125	175	209
Max. water temperature, °C	+35°C	+35°C	+35°C
Threaded connection, inch	1"; 1 1/2"	1"; 1 1/2"	1"; 1 1/2"
Protection class	IP X8	IP X8	IP X8
Power cable	10m+plug	10m+plug	10m+plug



Model	DN1	DN2	DN3	DN4	L	W	H
DWP 400	1 1/2"	1 1/4"	1"	3/4"	155	235	335
DWP 500	1 1/2"	1 1/4"	1"	3/4"	155	235	335
DWP 750	1 1/2"	1 1/4"	1"	3/4"	155	235	335



TATRA Line TCP Circulation Pumps

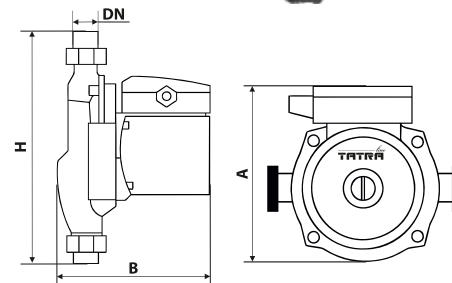
Circulation pumps are designed for pumping working fluids in closed and open-type heating systems, as well as air conditioning systems with a constant volume of working fluid.

Design characteristics

Asynchronous closed-type squirrel-cage motor.
Three power modes.
Copper motor winding and cermet drive shaft.
Aluminum stator casing.
Monoblock design with a single impeller.

Technical specifications

Type	Water head H, m	Capacity, l/min	Power, W	Inlet/outlet connection RP
TCP 25-40/130	4/3/2	45/36/20	71/50/35	1 1/2"
TCP 25-60/130	6/5/3	56/42/28	93/67/46	1 1/2"
TCP 25-40/180	4/3/2	45/36/20	71/50/36	1 1/2"
TCP 25-60/180	6/5/3	56/42/28	93/67/47	1 1/2"
TCP 25-40/130-K	4/3/2	45/36/20	71/50/35	1 1/2"
TCP 25-60/130-K	6/5/3	56/42/28	93/67/46	1 1/2"
TCP 25-40/180-K	4/3/2	45/36/20	71/50/36	1 1/2"
TCP 25-60/180-K	6/5/3	56/42/28	93/67/47	1 1/2"
TCP 25-80/180-K	8/7/5	115/90/80	245/230/145	1 1/2"
TCP 32-60/180-K	6/5/3	58/45/32	93/67/46	2"
TCP 32-80/180-K	8/7/5.6	135/70/45	245/230/150	2"



Dimensions (mm)

Model	DN	A	B	H
TCP 25-40/130 (/130-K)	1 1/2"	125	130	130
TCP 25-60/130 (/130-K)	1 1/2"	125	130	130
TCP 25-40/180 (/180-K)	1 1/2"	125	130	180
TCP 25-60/180 (/180-K)	1 1/2"	125	130	180
TCP 25-80/180-K	1 1/2"	140	160	180
TCP 32-60/180-K	2"	125	130	180
TCP 32-80/180-K	2"	140	160	180

TATRA Line Energy-Saving Circulation Pump TESP-AUTO

The **TESP-AUTO** energy-saving circulation pump is a type of centered circulation pump equipped with an electronic control system. This pump is designed for pumping clean water and can be used for water circulation in heating systems.

THE PUMP OPERATES:

- in automatic mode,
- in night mode,
- in constant pressure mode,
- in proportional pressure mode.

WORKING FLUID: non-viscous, chemically non-aggressive, free of fibrous inclusions or mechanical impurities.



Design characteristics

Voltage ~ 220V +/-10%, 50 Hz

Rotation frequency switching – automatic, manual, 3 stages.

Maximum allowable pressure PN – 10 bar

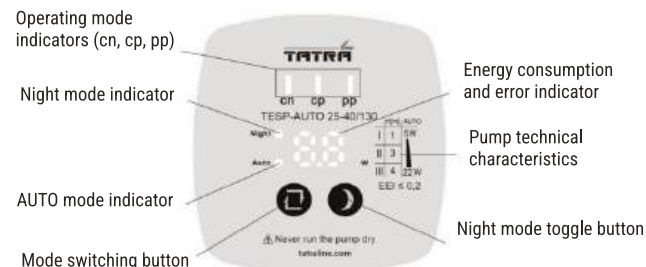
Permissible temperature range of the pumped liquid – from 10 to 110°C

Maximum ambient temperature - +40°C

Technical specifications

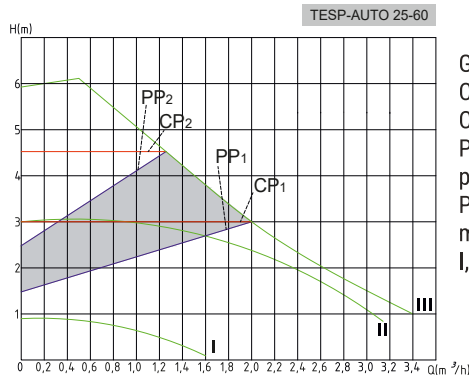
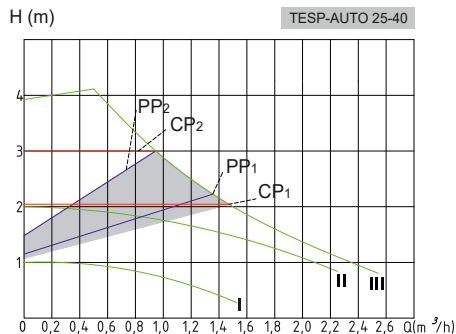
Type	Water head H, m	Capacity, l/min	Power, W	Inlet/outlet connection RP
TESP-AUTO 25-40	4/2/1	50	5*22	1 1/2"
TESP-AUTO 25-60	6/5/2	56	5*45	1 1/2"
TESP-AUTO 25-80	8/6/2	60	5*50	1 1/2"

Control panel

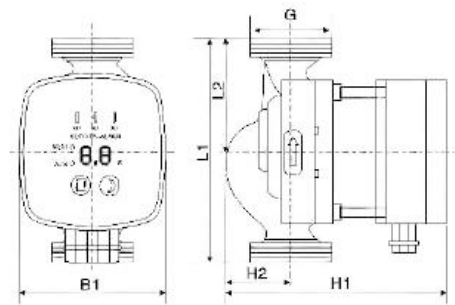
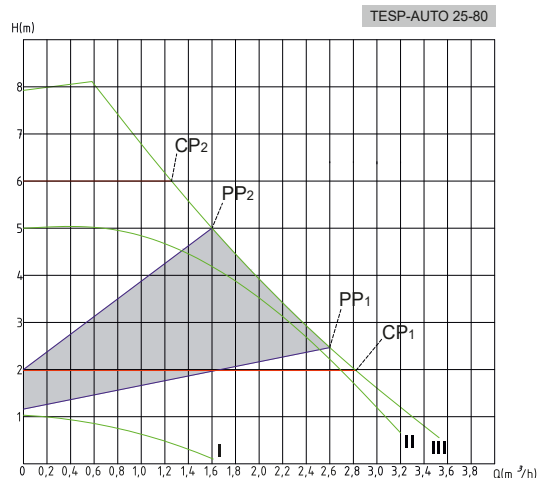


TATRA Line Energy-Saving Circulation Pump TESP-AUTO

Technical specifications



Grey area: AUTO mode
 CP1 – minimum constant pressure curve
 CP2 – maximum constant pressure curve
 PP1 – proportional pressure curve for low pressure regulation
 PP2 – proportional pressure curve for maximum pressure regulation
 I, II, III – constant speed modes



Dimensions (mm)

Model	Base	G	L1	L2	H1	H2	B2
TESP-AUTO 25	130	1 1/2"	130	90	132	35	35
TESP-AUTO 25	180	1 1/2"	180	90	182	35	35

TATRA Line Pressure Tanks

Pressure tanks are designed to maintain optimal pressure in the water supply system, as well as to prevent water hammer, which can cause serious damage to systems with long pipelines.

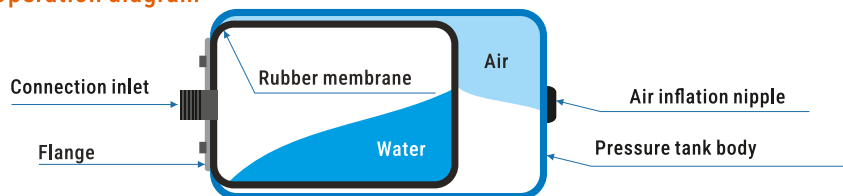
Design characteristics

Body made of high-quality carbon steel.

Membrane made of vulcanized rubber.

Wall thickness not less than 0.8 mm.

Operation diagram



Technical specifications

Type	Volume, L	Material	Max. working pressure, bar	Working temperature	Pre-set pressure, bar	Connection thread
Horizontal	24	Carbon steel	10	90°C	1,8	1"
Horizontal	50	Carbon steel	10	90°C	1,8	1"
Vertical	80	Carbon steel	10	90°C	1,8	1"
Vertical	100	Carbon steel	10	90°C	1,8	1"

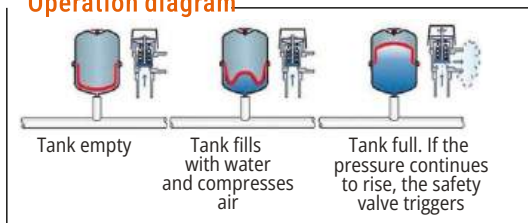
TATRA Line Expansion Tanks

Expansion tanks are designed to compensate for pressure changes in heating systems by absorbing the excess volume of heating medium that occurs as a result of its heating.

Design characteristics

Body made of carbon steel.
Membrane made of vulcanized rubber.
Wall thickness not less than 1 mm.
Air pressure 1.5 bar.
Maximum working pressure 6 bar.

Operation diagram



Technical specifications

Type	Volume, L	Material	Max. working pressure, bar	Working temperature	Pre-set pressure, bar	Connection thread
Round tank	100	Carbon steel	6	10...90°C	1,5	1"
Round tank	80	Carbon steel	6	10...90°C	1,5	1"
Round tank	50	Carbon steel	6	10...90°C	1,5	1"
Round tank	24	Carbon steel	6	10...90°C	1,5	3/4"
Round tank	19	Carbon steel	6	10...90°C	1,5	3/4"
Round tank	12	Carbon steel	6	10...90°C	1,5	3/4"
Round tank	8	Carbon steel	6	10...90°C	1,5	3/4"
Round tank	5	Carbon steel	6	10...90°C	1,5	3/4"
Flat tank	12	Carbon steel	6	10...90°C	1,5	3/4"
Flat tank	10	Carbon steel	6	10...90°C	1,5	3/4"
Flat tank	8	Carbon steel	6	10...90°C	1,5	3/4"
Flat tank	6	Carbon steel	6	10...90°C	1,5	3/4"

TATRA Line Control Units

The mechanical pressure switch is designed to control a pumping unit and maintain the pressure in the building's water supply network at a set level. The pressure switch is a crucial element, and its installation and adjustment must be carried out by a specialist. The operation of the entire water supply system, the safety of its functioning, and the serviceability of other units in the system depend on the quality of the pressure switch's performance.

Technical specifications

Model	Max. pump power, kW	Max. current, A	Switch-on pressure setting, bar
MC-1	1,1	10	1,4-2,8
MC-9	1,1	10	1,4-2,8

The PC-10 electronic pressure controller (switch) is designed for automatic regulation of the water supply pump's start and stop processes. The TATRA Line PC-10 electronic controller combines the function of a pressure switch with dry-running pump protection. In this configuration, the pump turns on by pressure and turns off by flow rate. The control automation is equipped with a high-quality electromagnetic relay from Omron.

Technical specifications

Model	Max. pump power, kW	Max. current, A	Switch-on pressure setting, bar
PC-10	1,1	10	1,5
PC-10A	1,1	10	1,5
PC-13	1,1	10	1,5-3,0
PC-13A	1,1	10	1,5-3,0
PC-13AS	1,1	10	1,5-3,0
PC-15	1,1	10	1,5-3,0



TATRA Line Accessories



TATRA Line Pressure Gauge
with radial and axial connection



TATRA Line Bladder
24L and 50L



TATRA-line Hose
30 cm, ϕ 17 mm, M1/2" x F1"L
50 cm, ϕ 27 mm, M1" x F1"L
60 cm, ϕ 27 mm, M1" x F1"L
80 cm, ϕ 27 mm, M1" x F1"L
100 cm, ϕ 27 mm, M1" x F1"L



TATRA-line Flange made of
stainless and galvanized steel



Nuts for circulation pump
1 1/2"x1" (2 pcs.)



TATRA Line Fire Hose
2" 6 atm 20m white
2" 6 atm 30m white
2" 2 atm 25m blue
2" 2 atm 50m blue
1" 2 atm 100m blue
2" 2 atm 100m blue

Easy service TATRA Line

No more wasting time on resolving warranty issues!

In case of a factory defect, you can easily replace the equipment with a new one during the warranty period, directly at the retail outlet.



Surface, deep well,
drainage, and sewage pumps

12 months



Circulation pumps

24 months



Pressure tanks and
expansion tanks

12 months



Control units

12 months



Electric water
heaters

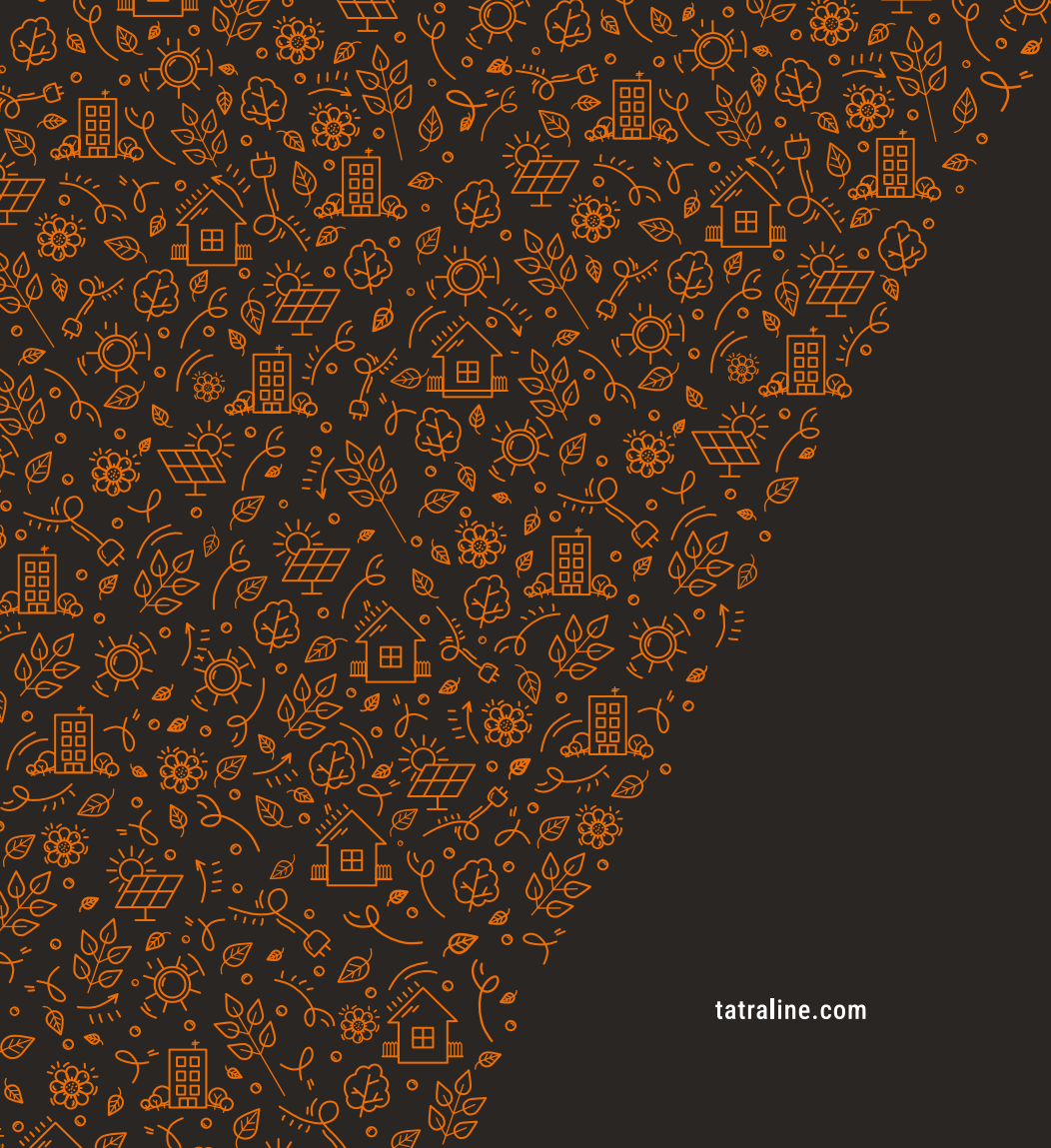
60 months



Electric
boilers

36 months

Pumping stations: replacement of individual elements with new ones within **12 months**.



line
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