Installation- and operating manual

BWT Aqua Flex T 200-1000

Reservoir

For You and Planet Blue.

BWT
BEST WATER TECHNOLOGY

Table of Contents:

1 General information

This installation and operating manual is for BWT AQUA Flex 200-1000 transitional water tank with possible options.

This operating manual consist of important information for how to install and use BWT AQUA Flex 200-1000 correctly. Before start, commissioning and use of BWT AQUA Flex 200-1000, it is important to read the following information.

1. The attached start up control have to be filled out doing start up and stored together with user log.
2. The attached user log have to be filled out every week.
3. A drain have to be close to BWT AQUA Flex
4. The installation manual have to be read thoroughly before connecting the plant. Correct installation of the plant will mean that there is 12 months of guarantee.
5. The guarantee will not be valid if the plant is not installed by an authorized BWT HOH service technician.
6. The guarantee is not valid if the service is not respected.

You BWT AQUA Flex Reservoir is by its compact and fine design easy to install. All the internal installations is done and tested by the manufacturer BWT.
Your BWT AQUA Flex is designed for minimum service and a long and problem free operation.

Make sure to read the manual before starting to use the plant.

2 Explanation of words

There will be a few technical explanations in this OPM, which is described below.

Permeate: The treated, totally desalinated water which is produced by a BWT RO unit and supplied to the reservoir tank.

Concentrate: The water that is led to drain. This water contains the salts and minerals that have been removed from the permeate.

TDS: The amount of totally dissolved salts, measured in (mg/l).

Conductivity: The designation of salt concentration of the water, measured in (µS/cm). The lower the value, the better is water quality.

RO: The abbreviation for Reverse Osmosis.

Transport pump (TP-pump): The pump which transports peameate from the RO unit reservoir to the consumer.

Level switch: Is a switch, which gives a signal when the BWT AQUA Flex unit must either be started or stopped, and it stops the transport pump to protect against dry running of the reservoir tank.

Conductivity transmitter: Transmits feed water conductivity and permeate conductivity to the control box.

3 Functional description

3.1 BWT AQUA FLEX T 200, 600 &1000

The BWT AQUA Flex reservoir is a tank with built-in level measurement and pump section. The system is made for processing and distributing the RO water.

When the reservoir is empty, the coil will open and close when it is full.

The pump section consists of a transport pump, which is equipped with a non-return valve at the inlet and a pressure switch and hydrophore at the outlet.

The pressure switch turns on the transport pump when the pressure drops, i.e. when there is a request for water, and stops the pump when the pressure increases. The hydrophore equalizes pressure surges at start and stop of the pump. The non-return valve protects air from getting into system.

3.2 Option 1: Frequency controlled circulation pump and UV

The frequency controlled circulation pump can be installed to recirculate the water and maintain a certain pressure. The pressure transmitter measures the pressure. The flow regulator level can be regulated by looking at the mounted flowmeter.

As an option, it is possible to install a UV Lamp on the BWT AQUA Flex 200-1000. The UV light will limit organic growth in the water; it means growths of microorganisms, sponges and bacteria. After the UV light there has to be a micron filter that catches all the dead organisms. It is very important that there is continuously water flow in the UV light. If not the UV lamp will get to hot and it will increase risk of breakdown. The UV lamp is turned on when the circulation pump is turned on.

When connecting the UV Lamp, it is very important to follow the steps described in the external user manual. The external manual is accompanying to this manual.

3.3 Option 2: Demi – Mix

The RO unit is delivering permeat with a conductivity of <20 µS/cm. The demi – mix can improve the quality of the water so that the quality comes down to <0,5 µS/cm. It is done by an ion based demineralization. The salt is totally removed from the water by cation and an anion mass. When the water is being led through the ion exchange resin. The contents of the water is change from cation and anion to H^+ and OH. The process of Ion exchange happens several times through the filter. It will result in a higher quality of the water. <0, 5 µS/cm.

3.4 Option 3: Solenoid valve for hot water dumping.

In a situation where the temperature of the water in the reservoir reaches a certain level due to the circulation of the water through the UV, a solenoid valve will open and dump some of the warm water. When the water level is too low the RO unit will start to produce new RO water and the temperature of the water in the reservoir will fall.

3.5 Option 4. Extra high level switch

It is possible that situations where the water level of BWT AQUA Flex t can be to high can occur. The extra high alarm will send a signal to the RO unit. The RO unit will stop producing Permeat when the water level is at a critical level. When the water level drops below a certain point the signal stops.

4 Connections of the BWT AQUA Flex Reservoir

4.1 Placing of the BWT AQUA Flex 200-1000

The BWT AQUA Flex reservoir must be placed in frost-free surroundings on a level foundation. The foundation must be able to carry a load of 230 – 1,150 kg, depending on the size of the BWT AQUA Flex reservoir. The weight load of any other plants should also be taken into account!

There must be free space at either side of the BWT AQUA Flex reservoir for water installations. It is important that there is space and it is easy to access the main switch.

In case of a power outage, situations may occur where the level in the BWT AQUA Flex reservoir overflows. There must always be a floor drain nearby, located so that the water cannot cause unnecessary damage.

The drain hose should be placed in a way that avoids any form of break on it. Placements of the plant should be with the air intake on the front of the plant. Nothing should be placed or cover the air intake.

Furthermore is it important that all the screens and the flowmeter is accessible and readable.

The following two things have to be respected, if not the installation is on own responsibility.

1. **There must be a decline to the floor drain to ensure the water flows towards the drain.**
2. **The water should be able to run unobstructed from the plant to the floor drain.**

4.2 Water connections

Note! All water connections of the plant shall be installed in compliance with local regulations.

BWT AQUA Flex	Inlet	Outlet
200 litres	14 mm hose / ½" inside / 1" outside	¾" outside thread
600 litres	14 mm hose / ½" inside / 1" outside	¾" outside thread
1,000 litres	14 mm hose / ½" inside / 1" outside	¾" outside thread

If the connection is too small, there is a risk of outage on the plant due to lacking water pressure/amount. In general, pressure losses should be minimized.

Important! Totally desalinated water can accelerate corrosion. Therefore, always use corrosions-proof piping for the permeate, e.g. stainless steel or PVC pipe.

4.3 Electrical Connections

Note! The electric connections must be made in compliance with local regulations.

Electric connection	BWT AQUA Flex 200, 600, 1000
Voltage [V]	1 x 230 V
Net	TN-S
Frequency [Hz]	50 Hz
Power [A]	4.5A
Power consumption [kW]	0.85 kW

The electric connection to the BWT AQUA Flex BWT AQUA Flex reservoir must be as follows:

All internal connections in the BWT AQUA Flex, the pump, recirculation system and UV is connected from the manufacturer. It is therefore only the power that have to be connected to a supply connection, which should be done afterwards.

5 Start-up – BWT AQUA Flex 200-1000

Note! Check before start-up that all water and electrical connections are made as described in the previous sections and that they are in compliance with local regulations.

For BWT AQUA Flex 200, 600 and 1000 with internal transport pump

The transport pump pressure switch and pressure tank are pre-set in our factory and do not need to be adjusted.

1: Switch the BWT AQUA Flex reservoir ON. **Note!** The transport pump cannot be started until the reservoir tank of the plant has been completely filled up. Wait for the BWT AQUA Flex reservoir tank to be completely filled.
2: Check that the tank level automatically stops the plant when the BWT AQUA Flex reservoir is full. **NOTE:** Do not touch the level sensor.
3: Create a large consumption of permeate and check that the transport pump starts automatically.
4: Let the pump operate with a large flow for a 2 min. in order to get any residual air out of the pump case.
5: Check that the pump supplies water and pressure. If the pump does not supply water and pressure, see chapter 6.2: Troubleshooting.
6: When the transport pump is OK, close the consumption of permeate.
7: Wait for the transport pump to stop automatically. **Note!** (On RO reservoir units): The transport pump doesn't stop until 10-30 sec. after the consumption has stopped due to the built-in time delay in the control box.
8: The BWT AQUA Flex reservoir unit has now been commissioned and is ready for use.

For BWT AQUA Flex T 200, 600 and 1000 with external transport pump

The transport pump now needs to be bled of air. This is done by filling in permeate through the filling hole placed at the pump head.

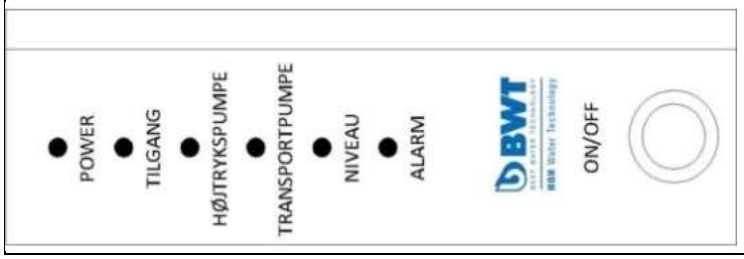
1: Remove the filling cap on the side of the pump and fill in permeate until it overflows (approx. 3-4 litres).
2: Put back the screw cap on the filling hole.
3: Switch the BWT AQUA T Flex reservoir ON. **Note!** The transport pump cannot be started until the reservoir tank of the plant has been completely filled up. Wait for the BWT AQUA Flex reservoir tank to be completely filled.
4: Check that the tank level automatically stops the plant when the BWT AQUA Flex reservoir is full. **NOTE:** Do not touch the level sensor.
5: Create a large consumption of permeate and check that the transport pump starts automatically.
6: Let the pump operate with a large flow for a 2 min. in order to get any air out of the pump case.
7: Check whether the pump delivers water and pressure. If the pump do not provides water and pressure, see Section 6.2 Troubleshooting.
8: When the transport pump is OK, close the consumption of permeate.
9: Wait for the transport pump stops automatically. **Note!** Transport pump stops first 10-30 sec. after consumption has ceased because of the built-in time delay in the control box.
10: The transport pump has now been bled and is ready for operation.

6 Trouble shooting

6.1 LED lights overview

The LED light will normally light up in the colour of the component they represent.

POWER	INLET	HIGHPRESUREPUMP	TRANSPORT-PUMP	LEVEL SWITCH	ALARM	**Description of faults and error conditions.**	**Trouble shooting/Comments**
						Restart Alarm TP-pump: Nothing works – permanent situation.	Look if the transport starts and stops.
						Water Level low(No Alarm) (TP-pump stopped)	Look is the water level is low.
						Operation Alarm on TP pump: (Nothing works – permanent situation)	Look at Alarm Transport pump.
						External stop - TP-pump (Can be connected with)	Removes that cause for external stop.



LED lights	LED flashes slowly (½ Hz)	LED flashes fast (5 Hz)

Permanent fault situation (nothing works) the only way the problem can be solved is to remove the power from the plant. Let the plant be turned off for 5 seconds and then try to turn it on again and the fault should be removed.

6.2 Alarm overview

This chapter deals with problems that may occur on the plant. Follow the instructions in the relevant flow diagrams in order to perform a troubleshooting and problem solving.

Note! Please ALWAYS pull the POWER PLUG before connecting the electrical components.

Description of error/ fault	Reason for error/fault	Action
Error 1: The reservoir is empty	• Low water level	• Check if too many consumers are connected on the BWT AQUA Flex reservoir and switch some off. Let the BWT AQUA Flex reservoir become completely filled up. • Check if the level sensor float is stuck in top of the BWT AQUA Flex reservoir. Carefully push the level sensor float up/down so that it is at permeate level. • Check if the level sensor and/or the level sensor cable are defective. If so, replace. • Check the TP-pump (See **Error 1**, **Error 2** and **Error 3**). • Check the RO-manual: "Indication: Level low".
Error 2: TP pump doesn't run	• Switch is at OFF.	• Turn switch to ON.
	• No call for water	• Create water consumption
	• Low water level.	• Let the BWT AQUA Flex reservoir become completely filled up and the TP pump will start automatically.
	• Pressure switch set incorrectly.	• Set the pressure switch to 4.0 bar (Stop) and 3.0 bar (Start).
	• Defective pressure switch.	• Short the pressure switch by making a jumper between the two socket terminals. If the pump only runs when this jumper is connected and there is a request for water, then the pressure switch is defective and must be replaced.
	• Defective capacitor. (Only for reservoirs with internal transport pump)	• Open ON/OFF switch (3 - Spare parts drawing) and replace capacitor.
	• Defective fuse.	• Check the RO-unit PCB (F3 - PCB) and replace the fuse of the TP pump.
	• Defective TP-pump.	• Replace TP-pump.
	• The overload relay of the TP-pump is switched off (check RO-control panel).	• Check control panel of the RO unit and switch on the overload relay of the TP-pump.
	• Defective PCB (check RO unit control box).	• Replace PCB of the RO-unit.

	• Float of the level sensor is stuck.	• Push the level sensor float carefully up/down until it is at permeate level.
	• Defective level sensor.	• Replace level sensor.
	• External stop signal on the TP-pump.	• Read the conductivity meter; if this is >20 µS/cm it will result in an external stop signal. Re-establish the permeate quality; see chapter 9.2.2 in the RO-manual.
	• The thermal fuse in the TP-pump is turned off due to overheating.	• Turn switch to OFF, let the TP-pump cool down and turn the switch back on ON
Error 3: TP-pump is running but no permeate is getting to the consumer	• Air in the TP-pump.	• Turn switch to OFF, fill up the TP-pump with permeate and turn switch back to ON. Let the pump run a while with a large flow in order to get the remaining air out of the pump case.
	• Low water level.	• Disconnect the consumer. Let the BWT AQUA Flex reservoir become completely filled and the TP-pump will start automatically.
	• The motor of the transport pump is running in the wrong direction.	• Check the wiring diagram of the BWT AQUA Flex reservoir and make a correct connection.
Error 4: TP-pump starts and stops	• If the piping connection is too small there is a risk of outages on the plant due to lacking water pressure/amount etc.	• Replace the permeate outlet pipe with an outlet pipe with a larger dimension.
	• Non-return valve is leaky/defective	• Replace the non-return valve
	• The hydrophore is defective or lacking air.	• Replace the hydrophore and set the pre-pressure at 2.7 bar.
	• The hydrophore capacity is too small.	• Contact BWT for technical advice.
	• Pressure switch set incorrectly.	• Set the pressure switch to 4.0 bar (Stop) and 3.0 bar (Start).
Error 5: The quality of permeate is higher than 20 µS/cm	• Leaks around the BWT AQUA Flex reservoir and/or impurities inside the reservoir.	• Empty the BWT AQUA Flex reservoir completely and repair the leaks. Fill up with permeate <20 µS/cm from the RO-unit.

7 Technical data:

BWT AQUA Flex T with internal pump		200	600	1000
Reservoir volume	L	200	600	1.000
Transport pump		0,85 kW, 4,5A		
Pump capacity	bar/ (m3/h)	3/3		
Reservoir, diameter (A)	mm	Ø510	Ø760	Ø1.000
Unit, height (B)	mm	1.365	1.670	1.670
Unit, width (C)	mm	-	-	-
Inlet pipe connection, height	mm	~1.020	~1.400	~1.400
Discharge pipe connection, height	mm	~1.245	~1.550	~1.550
Permeate inlet, diameter	mm	14	14	14
Permeate discharge, diameter	inches	¾"	¾"	¾"
Weight (empty/full)	kg	30/230	50/650	60/1060
Water temperature (Min. /Max.)	°C	5-35		
Pressure switch (PS 2)	bar	¼" -0,2 to 8		
Reservoir material		PE		

BWT AQUA Flex T with external pump		200	600	1000
Reservoir volume	L	200	600	1.000
Transport pump		1,2 kW, 3,0A		
Pump capacity	bar/ (m^3/h)	3/3* (3/5**)		
Reservoir, diameter/depth (A)	mm	Ø510	Ø760	Ø1.000
Unit, height (B)	mm	1365	1670	1670
Unit, width (C)	mm	1510	1510	1510
Inlet pipe connection, height	mm	~1020	~1400	~1400
Discharge pipe connection, height	mm	~1245	~1550	~1550
Permeate inlet, diameter	mm	14	14	14
Permeate discharge, diameter	inches	¾"	¾"	¾"
Weight (empty/full)	kg	50/250	70/670	80/1080
Water temperature (Min. /Max.)	°C	5-35		
Pressure switch/ Pressure transmitter (PS 2)	bar	¼" -0,2 to 8/ 0 to 6		
Reservoir material		PE		

* CM 3-5, ** CM 5-5

7.1 Installation

It is possible to change the installed time for start and stop. Furthermore, the delay in the start can be planned.

Application of the DIP Switch:

1. Raw water pressure measurement(time from start of the high pressure pump to measurement of the pressure)
2. Transport pump (The TP Pump should always be in operation)
3. Which Model.
4. 4-6 when the transport restarts.

7.2 Start op Control

Start-up test

The start-up test sheet must be completed and filed together with the operating journal.

Name of customer:	Plant number:	Work-sheet number:

Test of raw water

Temperature [°C]:	Conductivity [µS/cm]:	Hardness [°dH]:	Inlet pressure [bar]:

Softening unit ☐ YES ☐ NO

If "no" skip this section

Type of plant:	Hardness [°dH] after softening:

Tick if "yes"

☐ Time-controlled ☐ Quantity-controlled ☐ Dimensioned correctly for RO

☐ New ☐ Old ☐ Plant and salt valve set at the correct hardness

RO-plant

Type of plant:	Raw -w ater pressure [bar]:	Outlet press., high-press. pump [bar]:	Recirculation flow [l/h]:
Permeate flow [l/h]:	**Concentrate flow [l/h]:**	**Outlet press., permeate [l/h]:**	**Conductivity, permeate [µS/cm]:**

☐ Inlet press. switch is OK ☐ Direction, high-press. pump is OK ☐ Level switch, start/stop of high-press. pump is OK

Permeate tank

☐ Pre-pressured hydrophore is OK ☐ Pressure switch start/stop, transport pump is OK

☐ Level switch have the right lengh for the plant ☐ Drainage protection, transport pump is OK

Status on start-up

☐ Start-up by BWT ☐ Start-up by dealer, specify dealer _____

Problems on start-up

☐ YES, there were problems at start-up ☐ NO, there were no problems at start-up

In case of problems, please fill in the problem report

Problem report

Can the problem be related to the manufacturing?

☐ YES, the problem can be related to the manufacturing ☐ NO, the problem cannot be related to the manufacturing

Can the problem be related to the plant or the installation?

☐ YES, the problem only concerns the plant ☐ YES, the problem only concerns the installation

☐ YES, the problem concerns both the plant and the installation ☐ NO, the problem does not concerns the plant or the installation

The plant - we mean only the part of the whole installation which was delivered by BWT (i.e only the plant).
The installation - we mean the piping etc. leading to the plant.

Can the problem be related to the sales department?

☐ YES, the customer was misinformed ☐ NO, the customer had been well-informed

Description, please describe the problem

Signature

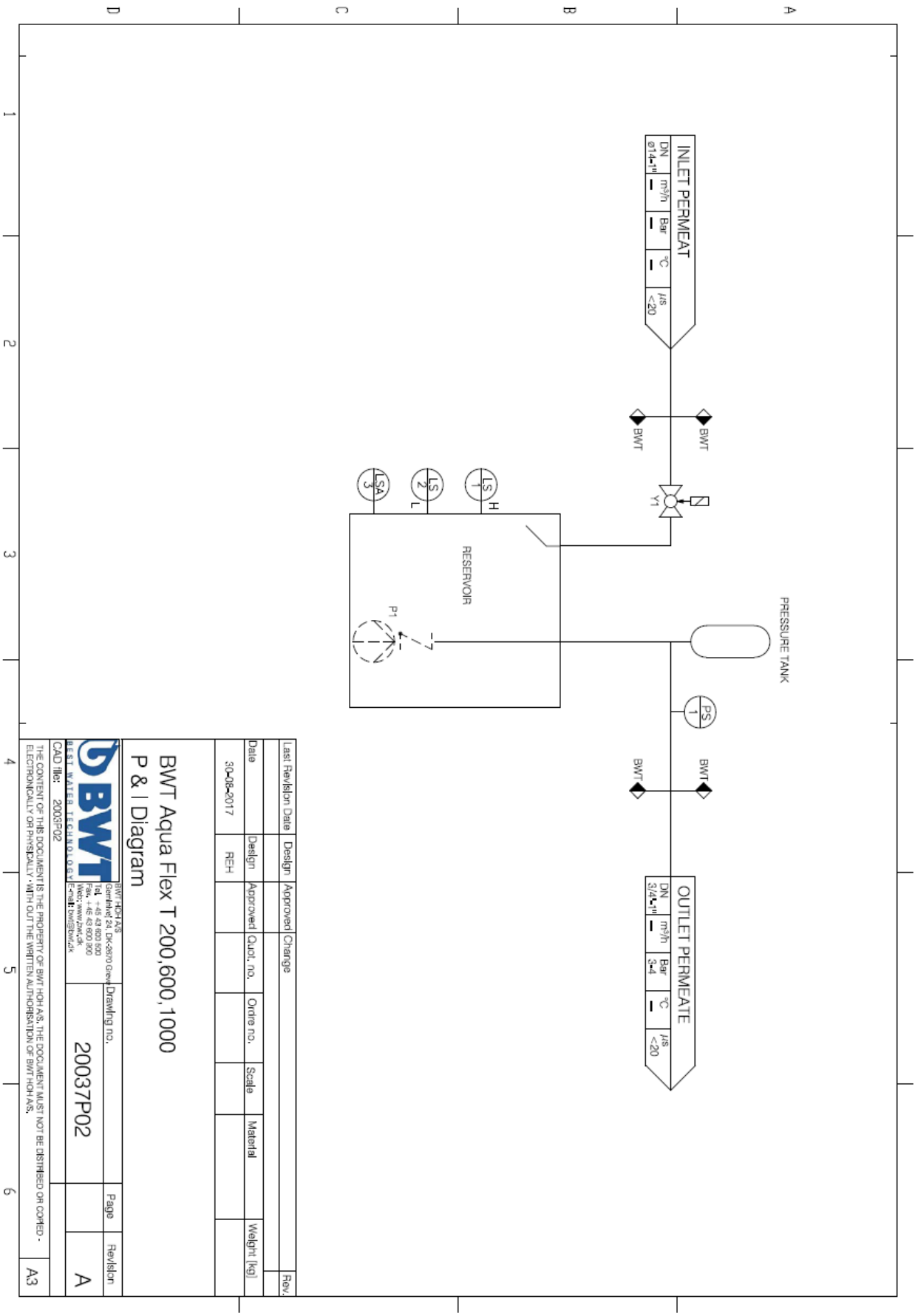
Name/initials of technician:	Date:	Time consumption for the start-up [hours]:

Service and maintenance of BWT Aqua Flex T 200-1000	Weekly	5-8 weeks.	Every 25 week or if needed.	Every year
Control of the unit's operation pressure.				
Control of the amount of dosage liquid.				
Change of UV lamp(Every 9000 h or 1 year)				
Cleaning of the system and the reservoir				

7.4 Operation manual

Date	Signature	Permeat				Control of dosage unit.
		Temperature [°C]	Pressure [bar]	Flow [l/h]	Conductivity [µS/cm]	

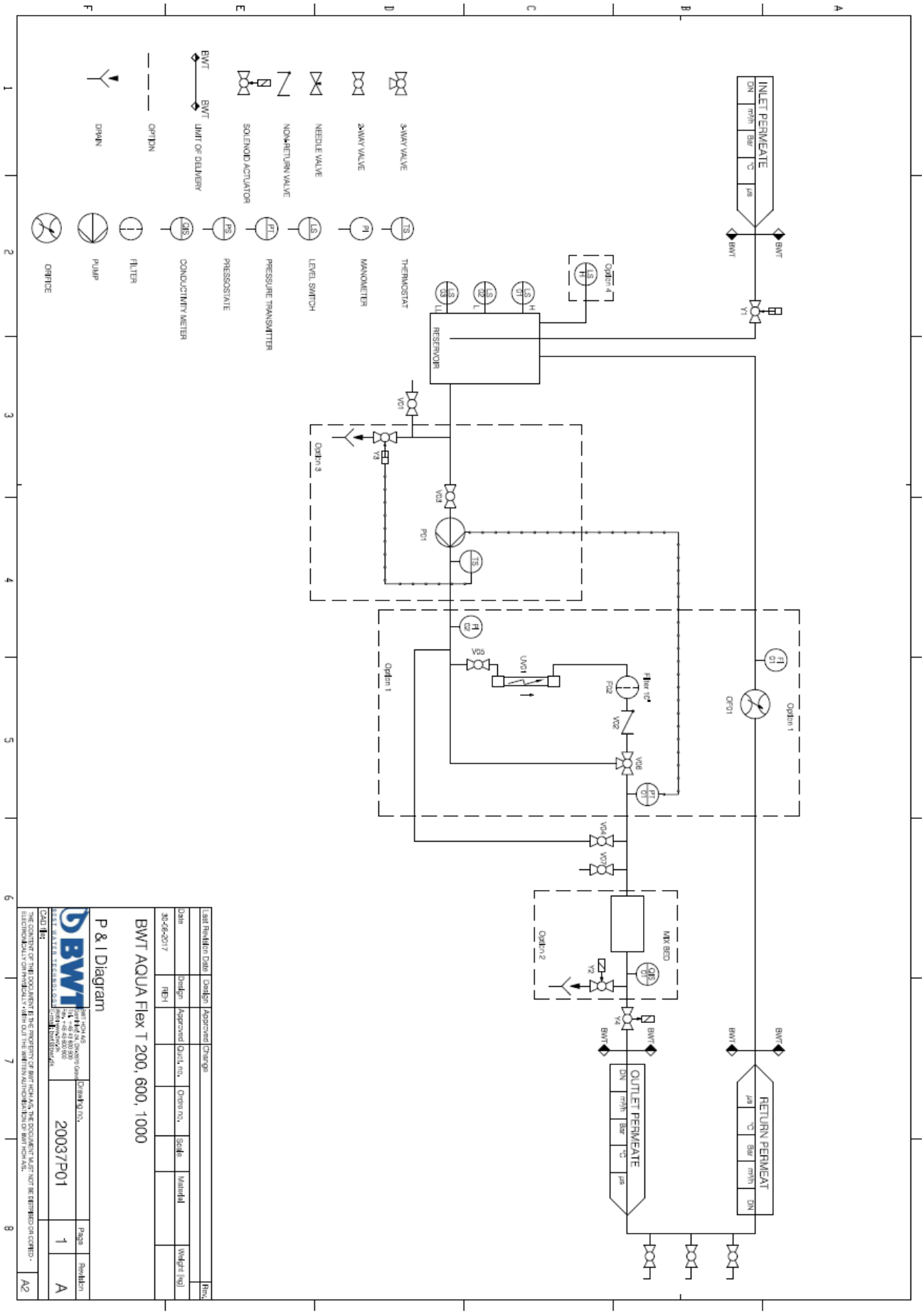
7.5 P&I diagram without options



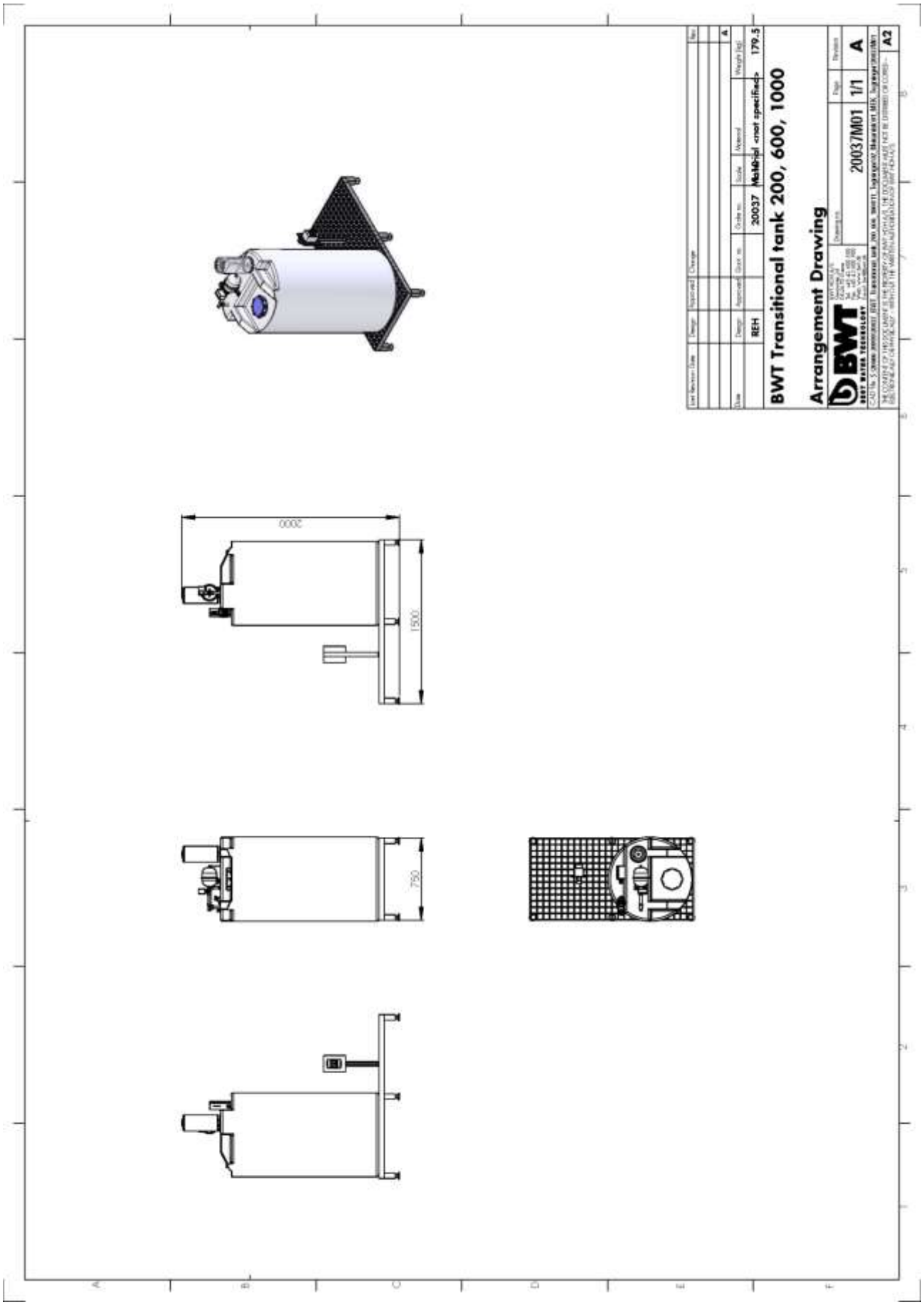
BWT Aqua Flex T 200,600,1000

P & I Diagram

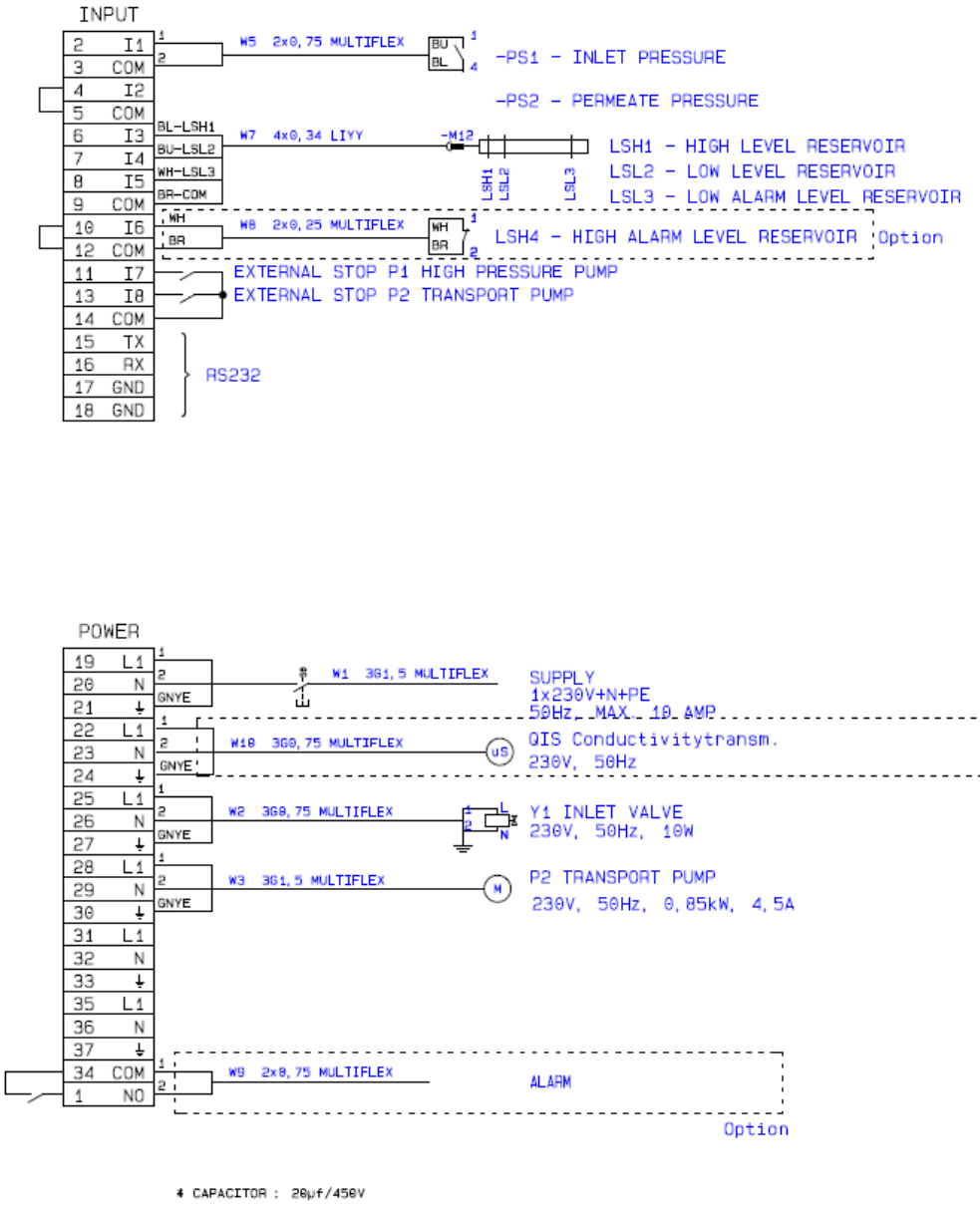
7.6 P&I diagram with options



7.7 Layout drawing without Options.



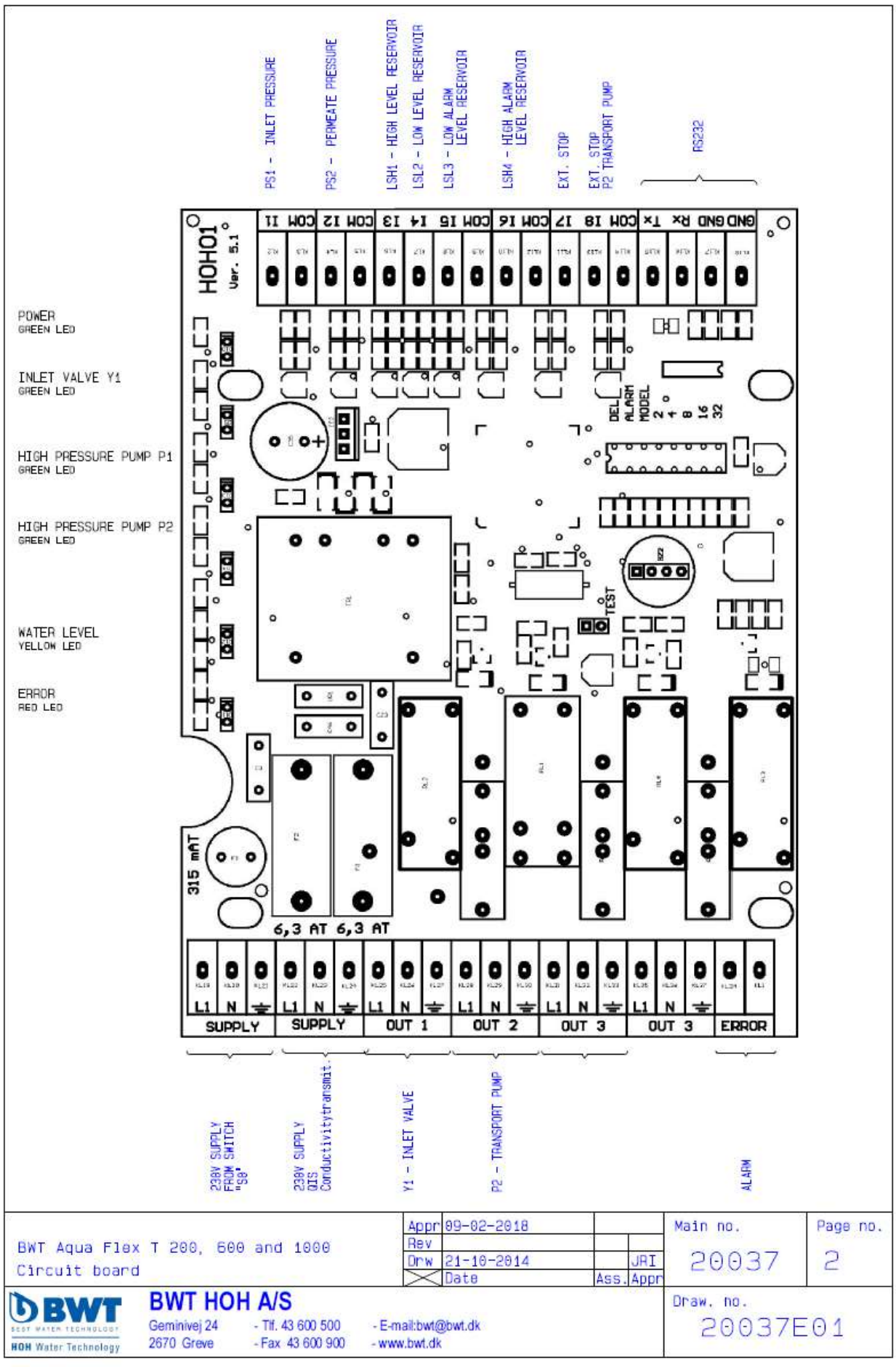
7.8 Electrical connections



BWT Aqua Flex T 200, 600 and 1000 Electrical connections	Appr	09-02-2018		Main no.	Page no.
	Rev		KLHP	20037	1
	Drw	09-02-2018	JRI		
		Date	Ass. Appr		

BWT HOH A/S
Geminivej 24 - Tlf. 43 600 500 - E-mail:bwt@bwt.dk
2670 Greve - Fax 43 600 900 - www.bwt.dk

Draw. no. 20037E01



BWT Aqua Flex T 200, 600 and 1000 Circuit board	Appr	09-02-2018		Main no.	Page no.
	Rev			20037	2
	Drw	21-10-2014	JRI		
		Date	Ass. Appr		

BWT HOH A/S
Geminivej 24 - Tlf. 43 600 500 - E-mail:bwt@bwt.dk
2670 Greve - Fax 43 600 900 - www.bwt.dk

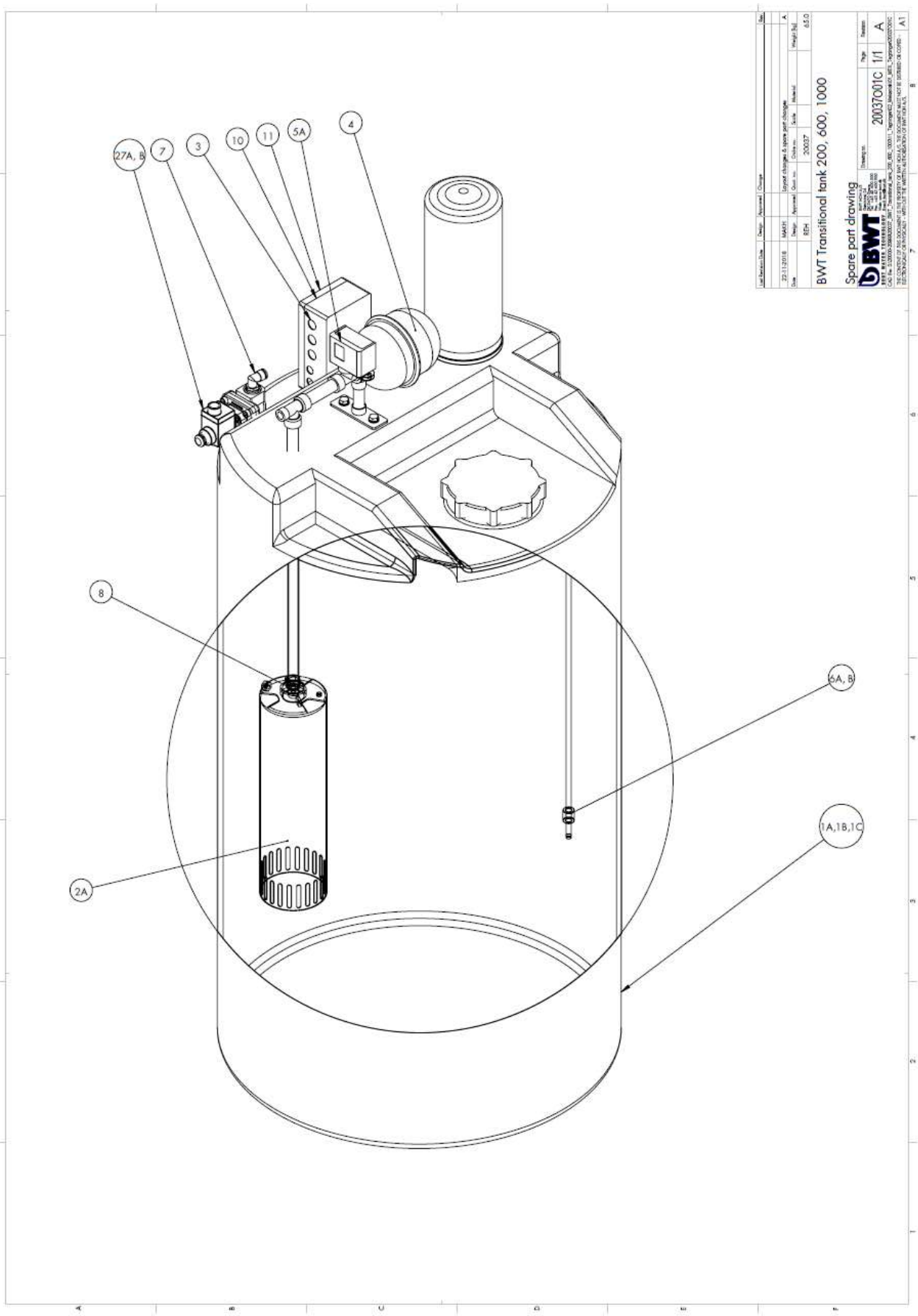
Draw. no. 20037E01

8 Spare parts list

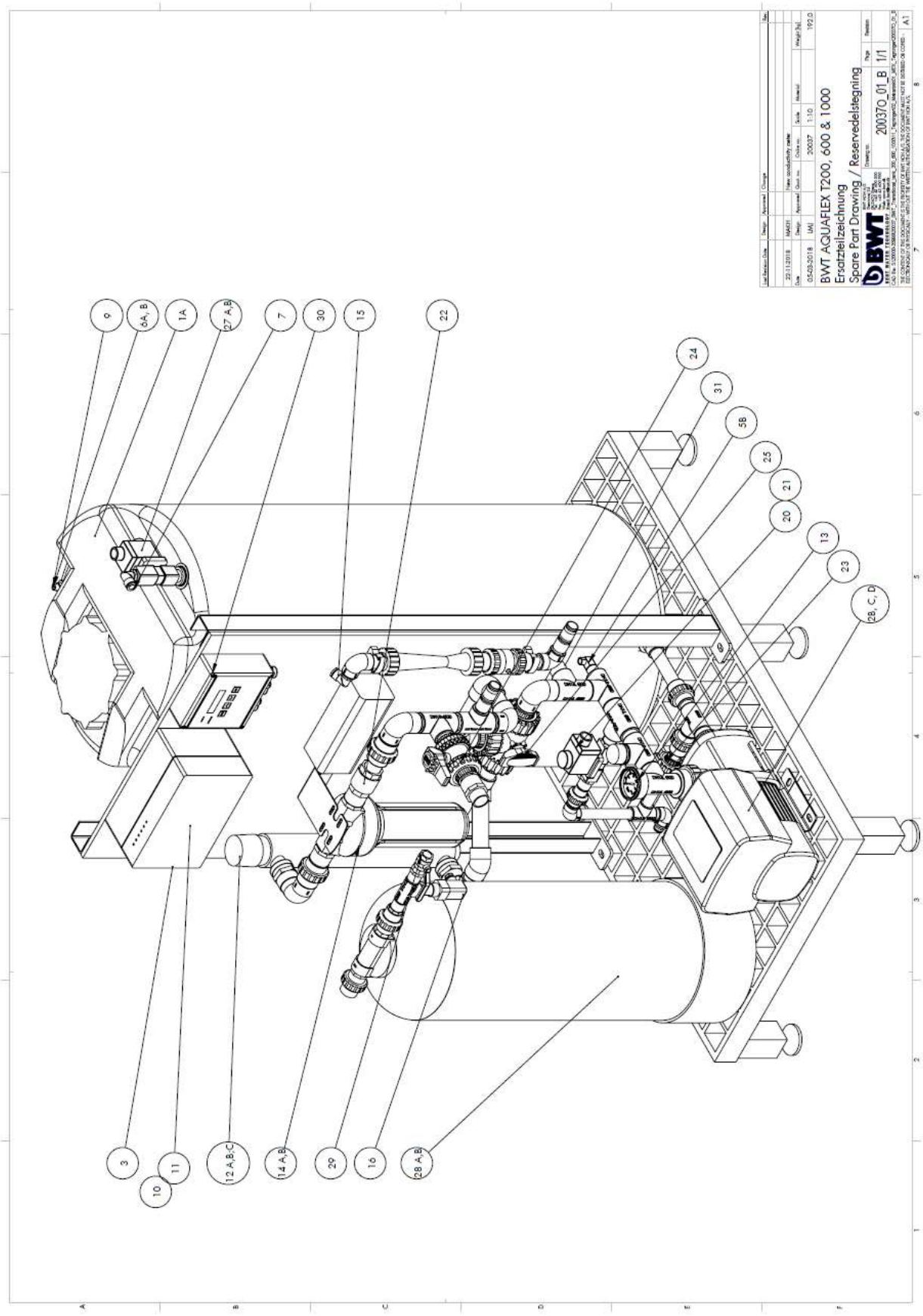
Pos. Number.	BWT AQUA Flex 200, 600, 1000, 2000	Recommended spare parts	Spare part No.	Recommended replacement frequency
1A	200 l reservoir		401526055	
1B	600 l reservoir		401526056	
1C	1,000 l reservoir		401526057	
2A	Internal transport pump (BWT AQUA Flex 200, 600, 1000)		454100070	
2B	External transport pump CME 3-5		454100900	
2C	External transport pump CM 3-5		454100950	
2D	External transport pump CM 3-5		454100960	
3	Main switch(On/OFF)		750001580	
4	Hydrophore 2.0 liter		451404577	3-5 years
5A	Pressure switch	1	451202803	
5B	Pressure transmitter		452330000	
6A	Level switch (BWT AQUA Flex 200)	1	451404490	5 years
6B	Level switch (BWT AQUA Flex 600,1000, 2000)	1	451404440	5 years
7	½"x14 mm elbow	1	454090013	3 years
8A	¾" Non-return valve (BWT AQUA Flex 200, 600, 1000)		200729006	
9	Cable for level switch		451404470	
	Diverse – Option 1, 2, 3 & 4			
10	Control box complete		451404416	
11	Control board		506708233	
12A	UV complete		550090200	
12B	UV-lamp	1	550910020	1 years
12C	UV. Quarts glass	1	550910110	
13	Manometer		452263000	

14A	Filter house		321401000	
14B	Sterile filter	3	321409005	1 years
15	Quick fittings 12 mm	3	454091012	
16	BWT Conductivity Censor K = 0,3		452536500	
16	BWT Conductivity Censor K =1,0		452536501	
17	Pressure hose 3/4" 1000 mm		656513020	
18	10 mm plastic hose	1 m	454001010	3 years
19	12 mm plastic hose	1 m	454001012	3 years
20	Solenoid valve ½"	1	200752004	3 years
21	Coil – Solenoid valve		200753100	
22	No return valve ¾"		200726006	
23	Ball valve 20 mm		200712020	
24	Ball valve 25 mm		200712025	
25	Three-way ball valve 25 mm		200718125	
26	Level switch – Option 4		110851050	
27A	¾" solenoid valve	1	200752004	
27B	Coil	1	200753100	
28A	Demi mix bottle.	1	421018200	
28B	Ion exchange material		308500030	
29	Ball valve – Demi Mix Outlet.		201000410	
30	Conductivity meter	1	452525010	
31	Thermostat	1	452541005	
	Filter house key	1	321417100	
	Recirculation's pump kit		454100905	

8.1 Spare parts drawing without options



8.2 Spare parts drawing with options



9 Declaration of Conformity

EC Declaration of Conformity for Machinery

Directive 2006/42/EC, Annex II, A

Low Voltage Directive

EMC Directive

BEST WATER TECHNOLOGY

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tel.: +45 43 600 500 - fax: +45 43 600 900
bwt@bwt.dk - www.bwt.dk

Here with declares that:

BWT AQUA Flex T 200, 600, 1000 and 2000

- is in conformity with the provisions of the Machinery Directive (Directive 2006/42/EC)
- is in conformity with the provisions of the following other EC directives
- Low Voltage Directive (2006/95/EC)
- EMC Directive (2004/108/EC)

- Place: Greve, Denmark

- Date: 31-10-2017

Lars Jensen
Head of Product Management

CE

10 Disposal

The packaging is to be taken to a local waste disposal site if no longer required. The packaging comprises of environmentally-friendly materials that can be used as secondary raw materials.

The device, including accessories and batteries, is not to be thrown into the household waste. EU legislation in Member States requires electrical and electronic equipment to be collected separately from unsorted municipal waste so that it may be recycled.

In Denmark and several other countries, BWT itself assumes responsibility for the return and conformant disposal of its electronic and electrical products. These products may not be placed with household waste or brought to collection centres run by local public disposal operations – not even by small commercial operators.

For disposal in Denmark and in the other member nations of the European Economic Area (EEA), please contact our local BWT service technicians or our Service Center in Greve, Denmark:

BWT HOH A/S
Geminivej 24
DK-2670 Greve

In countries that are not members of the European Economic Area (EEA) or where no
BWT subsidiaries or dealerships are located, please contact your local authorities or a commercial disposal operator.
Remove the batteries and hand them in to a collection point prior to disposal/scrapping of the device.

BWT, its affiliates, subsidiaries, dealers and distributors will not take back equipment con-taminated with hazardous materials (ABC contamination) – neither for repair nor disposal. Please refer to our web site (www.bwt-group.com) for more detailed information regarding addresses for repair service or disposal of your device.

For further information:

BWT HOH A/S
Geminivej 24
DK-2670 Greve
Tel : +45 43 600 500
Fax: +45 43 600 900
E-Mail: bwt@bwt.dk

BWT Birger Christensen AS
Røykenveien 142 A
Postboks 136
N-1371 Asker
Tel : +47 67 17 70 00
Fax: +47 67 17 70 01
E-Mail: firmapost@hoh.no

BWT Vattenteknik AB
Box 9226
Kantyxegatan 25
SE-213 76 Malmö
Tel : +46 40 691 45 00
Fax: +46 40 21 20 55
E-Mail: info@vattenteknik.se

BWT Separtec OY
PL 19 Varppeenkatu 28
FIN-21201 Raisio
Tel : +358 2 4367 300
Fax: +358 2 4367 355
E-Mail: hoh@hoh.fi

BWT Austria GmbH
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Fax: +43 6232 4058
E-Mail: office@bwt.at

BWT Wassertechnik GmbH
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Fax: +49 6203 73 102
E-Mail: bwt@bwt.de

Cillichemie Italiana SRL
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Fax: +39 02 201 058
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E-Mail: bwt@bwt.fr

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