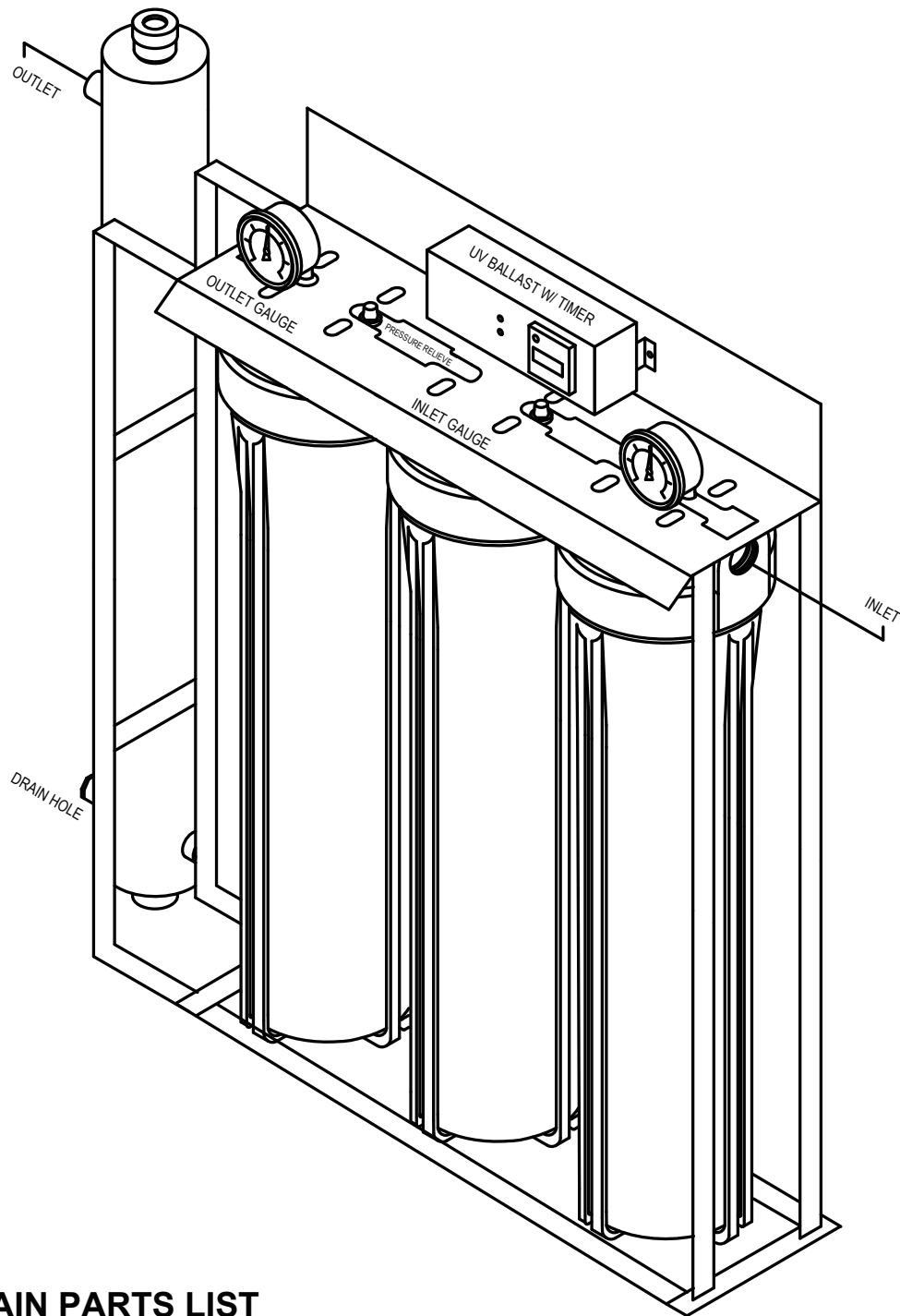


AQFBB20-TRI-UV12HT1

- TRIPLE FILTRATION WITH 12GPM UV STERILIZER
 - PROVIDE 2500~3000LPH STERILIZED WATER
 - SAFE AND CHEMICAL FREE
- UV LAMP PROVIDES CONSISTENT UV OUTPUT OVER 9000HRS
ELECTRONIC BALLST VISUALLY DISPLAYS UV FUNCTION
ACCUMULATED TIMER UP TO 99999HRS



MAIN PARTS LIST



MAIN PARTS LIST

BK-3BB-STAND-20
AQF-2050BU-1NPT-X
FL-PPS-2045
APC-2045
GAUGE-V-15B
UV-12GPM-HT1
CN-L-88M88HP

BRACKET FOR 3 * 20" BIG BLUE HOUSINGS
20" BIG BLUE FILTER HOUSING IN/OUT: 1"NPT (OR BSP)
5U PP SPUN FIBER FOR 20" BIG BLUE HOUSING, NSF
CARBON BLOCK CARTRIDGE FOR 20" BIG BLUE HOUSING
GAUGE, VERTICAL TYPE, 0-15BAR, 0-200PSI
12GPM UV STERILIZER, WITH TIMER BALLAST
CONNECTOR, 1" MALE X 1" HP TUBE, ELBOW (OPTION)

INSTALLATION & REPLACEMENT

INSTALLATION STEPS:

1. Fix the system at proper location.
2. Connect water pipe to the Inlet 1"
3. Take UV lamp out and connect with black covered plug(try if ok), then remove it.
Put lamp into the UV chamber, connect with the plug and well cover the end cap.
4. Fix the grounding.
5. UV plugged to the power supply
6. Check if the Green lamp is "on" on the ballast.
7. Check the filter housing's cap locked tightly.
8. Turn on water supply, push the "red" button to release the air, there will be some water dripping out, about 3 times, then installation is completed.

UV BALLAST: CHECK LIST

Lamp green : on, normal

Lamp red: flashing & beeping - replace lamp

Lamp green & red off:

1. Out of electricity, or other power supply problem
Should recover when electricity supplies again.
2. Environment or system temp over 80°C.
Temperature protection will shut off the ballst.
Please plug off the UV at least 15 minutes and plug again.
3. Fuse damage
The stable electricity supply is necessary for UV sterilizer.
If fuse damage, should replace a new ballast.
The damaged ballast please send back to shop to check fuse burned off reason & recommend the improvement, otherwise, the same damage will continue.

CARTRIDGE REPLACEMENT:

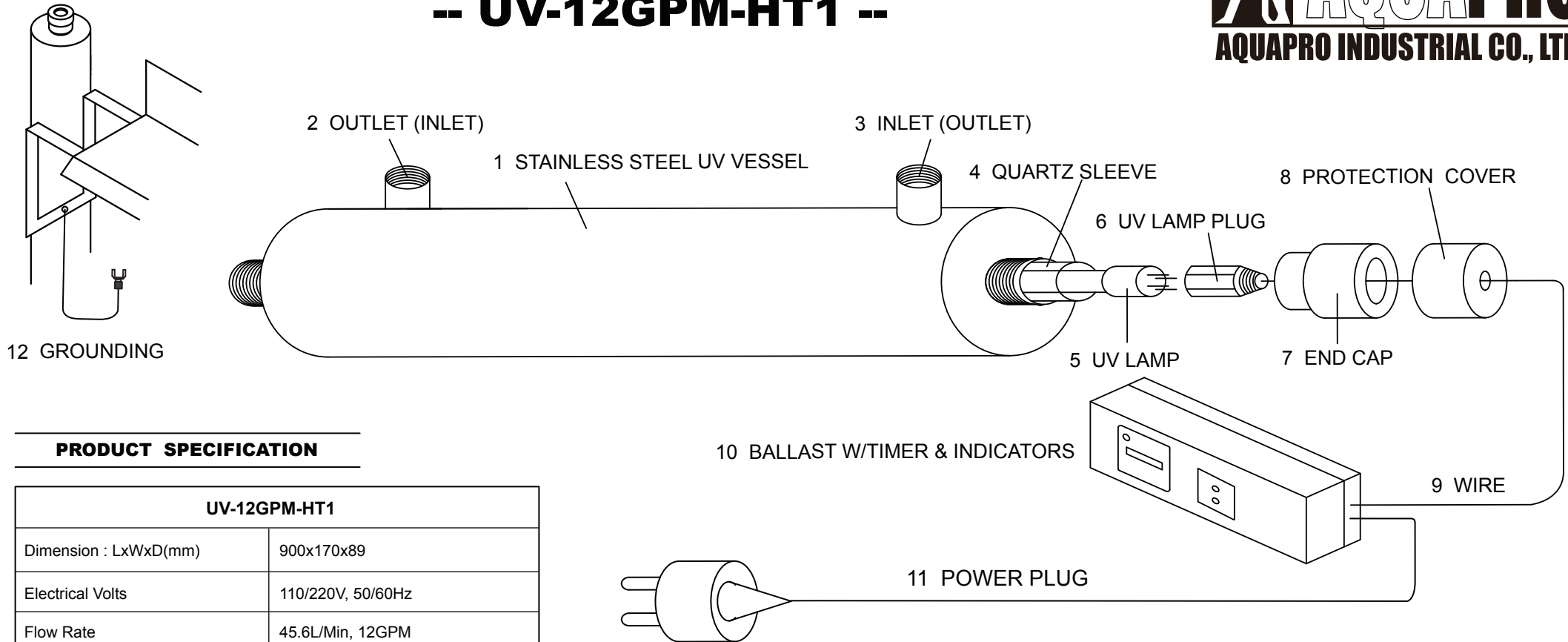
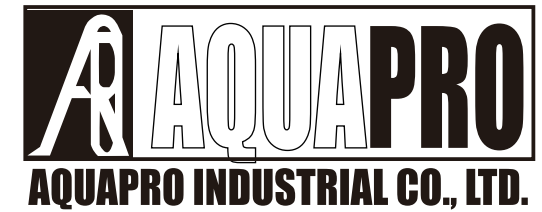
1. The water quality is varied in every location, so the 2 gauges will be important for replacement reference.
2. The gauge located at right inlet housing is showing the "inlet water pressure"
The gauge located at left outlet housing is showing the "product water pressure"
If the reading on both gauge, with difference of 1bar(14.7psi-15psi), please replace new cartridges.

LAMP REPLACEMENT

1. Stop water supply and remove the UV plug from electric socket.
2. Loosen Hex nut to release water inside of chamber.
3. If need to dismantel UV chamber, the special clamp will open when pushing UV chamber inward.
4. Remove the used lamp from black covered socket, replace with the new lamp.

ULTRAVIOLET WATER STERILIZER

-- UV-12GPM-HT1 --



PRODUCT SPECIFICATION

UV-12GPM-HT1	
Dimension : LxWxD(mm)	900x170x89
Electrical Volts	110/220V, 50/60Hz
Flow Rate	45.6L/Min, 12GPM
Inlet/Outlet Port	1" NPT or BSP
UV Lamp/Quartz Sleeve(pc.)	1
Lamp Failure Device	YES
Ambient Temperature	2°C ~ 40°C (36°F-104°F)
Lamp Watts/Current	40W/425mA
UV TIMER	
Power Consumption	Approx. 1 VA
Ambient Temperature	-20°C ~ +55°C
Metering Capacitance	99999.99 hour
Connection Type	Screw terminals

INSTALLATION PROCEDURE

1. Loosen right side End Cap.
2. Put UV Lamp inside the Quartz Sleeve.
3. Connect the four pins of UV lamp with UV lamp plug.
4. Screw the End Cap.
5. Put on protective cover.
6. Connect Inlet / Outlet port with Tubing.
7. Plug in the power line and check on the Ballast lights.

REMARKS

1. Green light on: Normal.
2. Red light on with buzzer: Lamp failure.
3. Either #2 or #3 can be inlet or outlet.

TROUBLE SHOOTING

1. If neither lamp is on, check if power plug is well connected.
2. If red light is on with buzzer,
 - a. Disconnect power plug.
 - b. Loosen end cap.
 - c. Check if uv lamp plug is well connected with the lamp pin.
 - d. Reinstall uv sterilizer.
 - e. After a while usage, if red light is on with plugs well connected, consult local dealer for replacement of uv lamp.