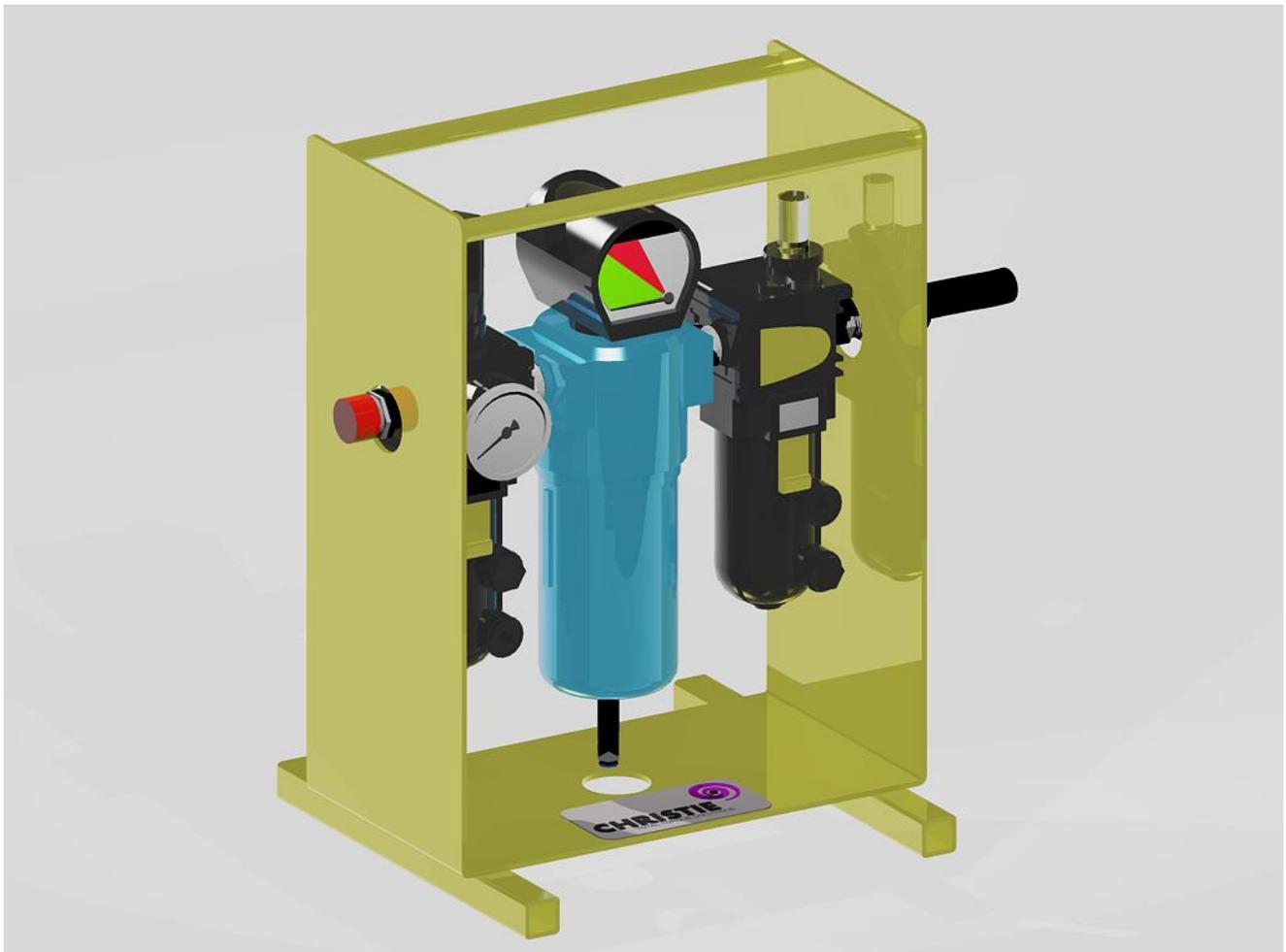


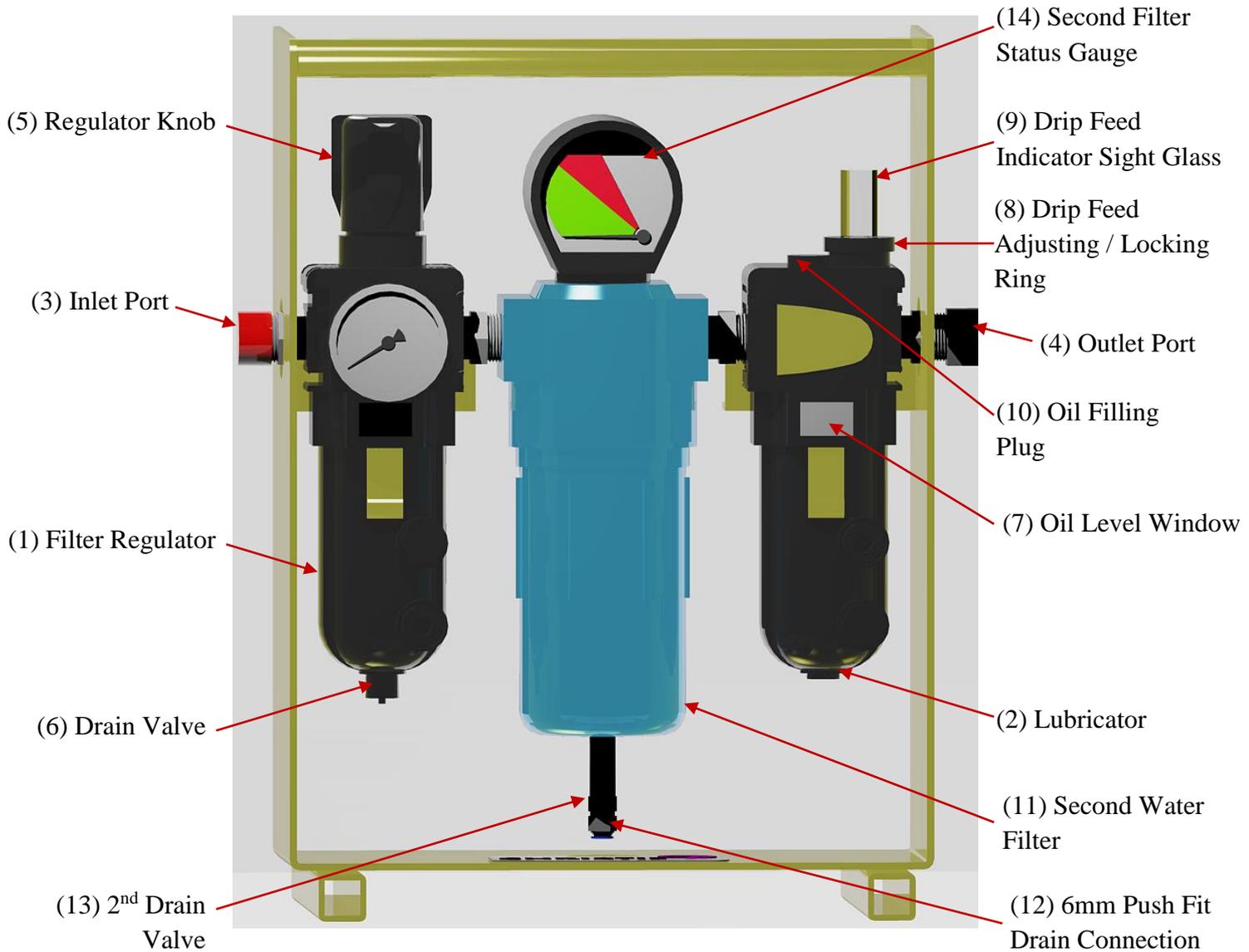


**CHRISTIE**  
TOTAL TORQUE SOLUTIONS

**WATER FILTER AIR PREPARATION CONTROL UNIT  
OPERATORS MANUAL**



## PARTS LAYOUT



ITEM	DESCRIPTION
1	Filter Regulator
2	Lubricator
3	Inlet Port
4	Outlet Port
5	Regulator Knob
6	Drain Valve
7	Oil Level Window
8	Drip Feed Adjusting / Locking Ring
9	Drip Feed Indicator Sight Glass
10	Oil Filling Plug
11	Second Water Filter
12	6mm Push Fit Drain Connection
13	2 <sup>nd</sup> Drain Valve
14	Second Filter Status Gauge

## **OPERATING INSTRUCTIONS**

### ***Important:-***

This unit is used in a compressed air line. Correct safety precautions must be taken. Before filling or maintaining this assembly all compressed air should be exhausted first.

Before connecting your unit to an air supply first fill the lubricator with oil conforming to Shell Tellus 32 / BP HLP 32 / Castrol Hyspin AWS 32 or equivalent.

### ***Oil Filling:-***

Remove the oil plug assembly (10) using a 6mm Allen Key

Pour the specified oil into the lubricator, fill to maximum level as indicated on the oil level window (7), replace plug

### ***Pipe Connection:-***

Connection of pipes to the unit are made by ½” BSP female threads, care should be taken when fitting mating pipes that a 22mm spanner is used to hold the fitting at the control unit end.

### ***Setting The System Pressure:-***

Once all pipes are connected the system pressure can be set at the regulator, by lifting and turning the regulator knob (5). Push down the regulator knob (5) to lock in position (once the required pressure has been set)

This must be done with the tool free running (No Load).

### ***Draining Condensate - (1) Filter Regulator:-***

Prior to draining the condensate there must be no pressure in the unit. To remove condensate from the filter bowl press drain valve (6).

**Note** – Eye protection should be worn during this operation.

### ***To Adjust Lubrication Flow:-***

Oil flow is adjusted by rotation of the drip feed adjustment ring (8)

Lift the adjusting ring, turn it to adjust oil drop rate to suit the tool requirements. Turn clockwise to decrease flow, turn counter-clockwise to increase flow. Pushing the locking ring (8) down will lock the adjustment.

The flow rate can be viewed through the drip feed indicator sight glass (9)

For Christie tools we recommend 6 drops per minute.

### ***Second Water Filter (11) - Drain:-***

Prior to draining the condensate there must be no pressure in the unit. To remove condensate from the filter bowl press 2<sup>nd</sup> drain valve (13).

A hose can be connected to the 6mm push fit drain connection (12) to allow any excess water to drain away safely to another location.

**Note** – Eye protection should be worn during this operation.

### ***Second Water Filter (11) – Filter Replacement***

When the filter is ready for changing the Second Filter Status Gauge (14) needle will move into the red.

When this happens the unit must be returned to W-Christie for filter changing / general maintenance.



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