

Hodge Clemco Ltd

Moisture Separator

PT No. P 23X

1.0 INTRODUCTION

Warning

This unit is for use in industrial compressed air systems only and must not exceed its rated operating conditions. Maximum air pressure 17 bar (250 PSI), maximum temp 80°C (175°F).

2.0 INSTALLATION

- 2.1 Install as near as possible to the equipment being served. Ensure that the air follows the directional arrow on the body.
- 2.2 Do not restrict air flow with undersized pipe work.

3.0 OPERATION

- 3.1 Adjust the draincock to give a slight but constant bleed of air/water vapour.
- 3.2 Never allow the moisture level to reach the baffle.
- 3.3 Moisture levels may be read from the sight glass on the side of the bowl.

4.0 MAINTENANCE

Warning

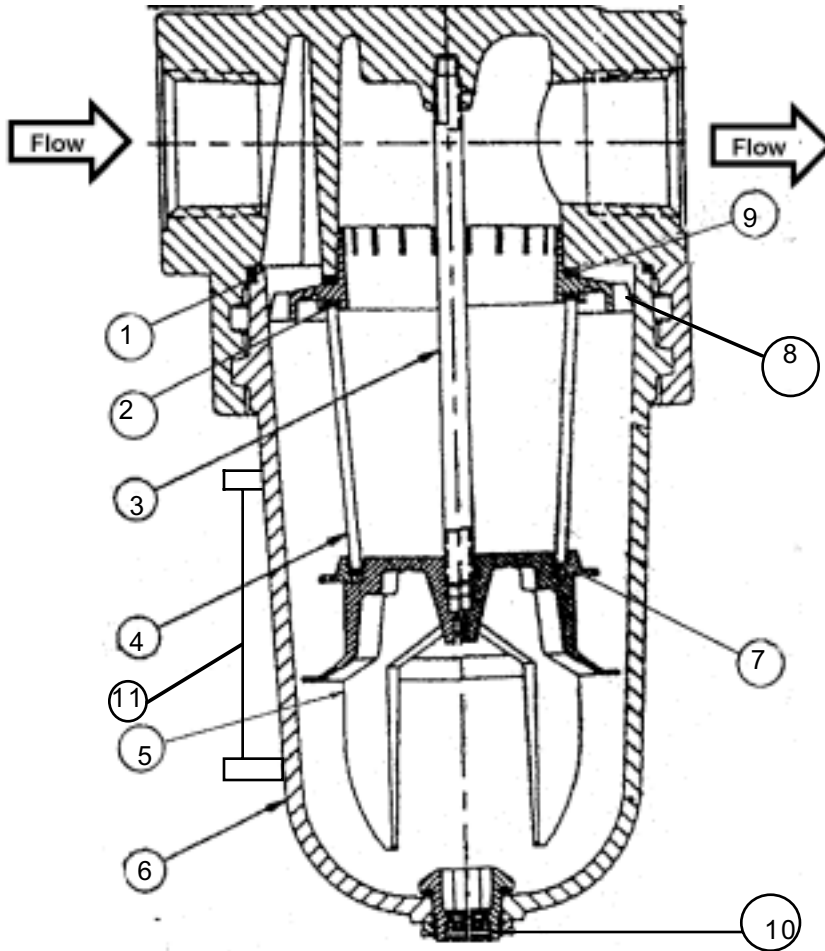
Ensure that the air supply has been isolated and that the air pressure is purged from the system before any maintenance is carried out.

- 4.1 Inspect/clean the element weekly to avoid undesirable pressure drop across the unit.
- 4.2 To remove the element for cleaning.
 - 4.2.1 Ensure air pressure has been purged from the system.
 - 4.2.2 Unscrew the bowl anti clockwise.
 - 4.2.3 Unscrew the baffle anti clockwise and remove the cintred bronze, element, baffles, gaskets and "O" ring.
 - 4.2.4 Clean components in detergent and water and reverse blow the element with compressed air.

Warning

Do not use solvents as they may cause component deterioration which can be dangerous. Use personal protective equipment when reverse cleaning with compressed air.

- 4.2.5 Replace cleaned/new components as per attached drawing.



ITEM NO.	DESCRIPTION	PART
2	UPPER GASKET	P23XA ELEMENT KIT
4	FILTER ELEMENT	
7	LOWER GASKET	
1	'O' RING	P23XB (BOWL KIT)
6	BOWL	
10	MANUAL DRAIN	
11	SIGHT GLASS	
11	SIGHT GLASS KIT ONLY	P23XC (SIGHT GLASS KIT)
10	MANUAL DRAIN KIT ONLY	P23XD DRAIN KIT
8	LOUVRE	P23XE (BAFFLE KIT)
5	BAFFLE	
9	'O' RING	
3	ROD	P23XF