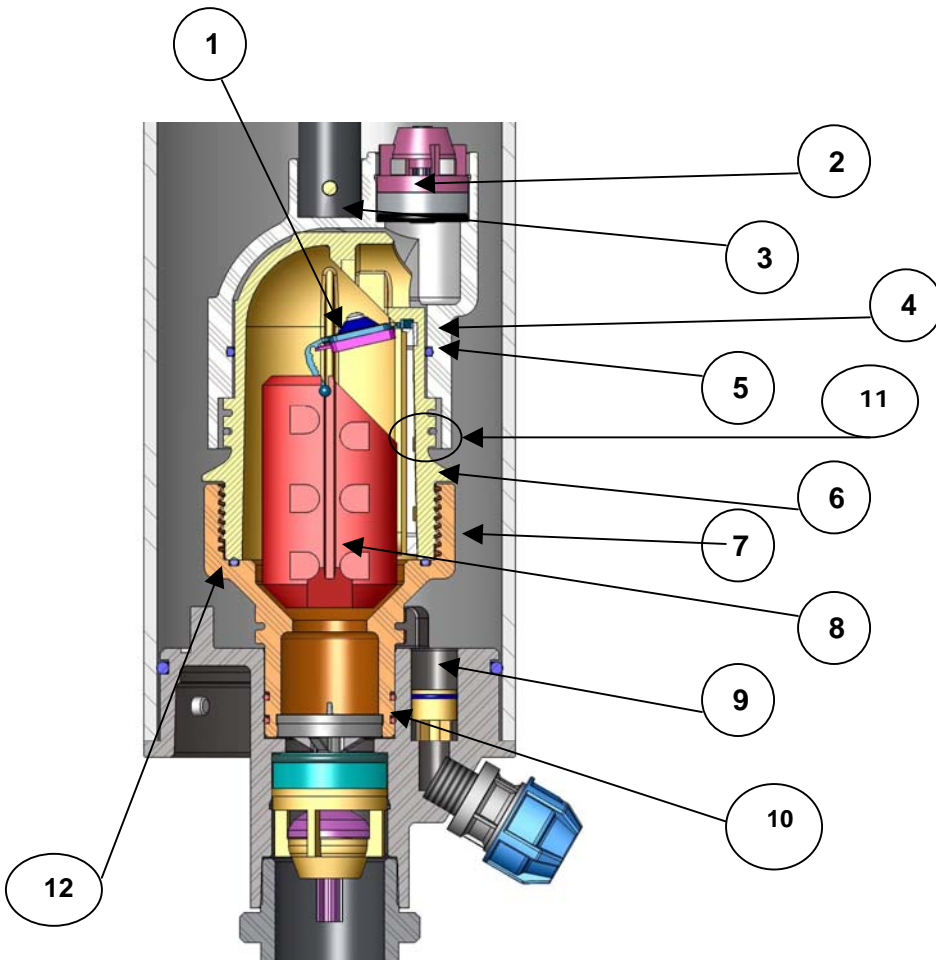


Underground Air Valve system D-090-P.

Maintenance Instructions.

1. Part one- General.

1. Routine service is an integral part of the standard procedure of a water supply system. The recommended routine maintenance period is once or twice a year depending on the water quality requirement of the individual system.



<u>Number in Drawing</u>	<u>Discription</u>	<u>Material</u>
<u>1</u>	Seal Assembly.	
<u>2</u>	One-way valve (Vacuum Only).	
<u>3</u>	Shaft.	<u>Stainless steel.</u>
<u>4</u>	Outer Cover.	<u>Reinforced Nylon.</u>
<u>5</u>	"O" ring.	<u>NBR.</u>
<u>6</u>	Body.	<u>Reinforced Nylon.</u>
<u>7</u>	Base.	<u>Reinforced Nylon.</u>
<u>8</u>	Float.	<u>Foamed Polypropylene.</u>
<u>9</u>	Entrance to Drain Valve.	
<u>10</u>	Base "O" rings.	<u>NBR.</u>
<u>11</u>	Lock Pin.	<u>Stainless steel.</u>
<u>12</u>	"O" ring.	<u>NBR.</u>

2. Procedure For Maintenance of the Barak.

- a) Gently remove the Outer cover (4) from the valve body (6) after removing the Lock Pin (11).
- b) Unscrew the Base (7) from the Body (6).
- c) Check that the seal assembly (1) is not damaged and is free from debris and wash with clean water. If the assembly is damaged or worn, replace it.
- d) Wash the Valve Body (6) and the Float (8) with clean water and check both for damage.
- e) Wash the base (7) with clean water and check for damage.
- f) Check that the entrance to the drain valve (9) is free from dirt or other obstructions. Clean if necessary.
- g) Reassemble the parts carefully in reverse order paying attention to the condition of the all "O" rings (5) , (10) and (12) replacing if necessary. It is recommended to lightly apply a thin film of a silicone based grease to the "O" rings on reassembly.