

## FLOW CONTROL VALVE

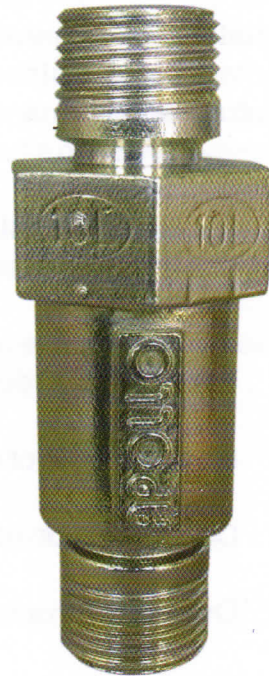
Used for regulation of water supply in pipe line House Service connection implemented by the Government.

- ◆ Allows only the designed discharge flow rate
- ◆ Equitable distribution of water to both upstream and downstream areas.
- ◆ Prevents illegal tapping of water by using electric suction motor.
- ◆ Prevents the contamination of water from return flow of sewage, sump and pit tap.
- ◆ Automatic & self functioning valve ; chance of meddling is remote.
- ◆ Prevents abnormal flow to low level area.
- ◆ Uniform pressure maintained in the 'D' System.



Honourable former president Mr.A.P.J.Abdul Kalam Presented the L.Ramp Grass Root Innovation award to our company M.D. Mr. Mohammed Gany for the invention of flow control valve.

## Real Solution For Equitable Distribution





# FLOW CONTROL VALVE

## INTRODUCTION

Water the most necessity to Mankind next to the air and the government spends a lions share of it's revenue to provide protected water to each house hold adequately. To achieve the goal of equitable supply of water to all, the public protected water distribution system is established at enormous cost and other regulatory enforcement measures. However in reality the achieved resulting in exhaustive problem situation to resolve.

Apollo flow control valve ensures to provide solutions for efficient break through in drinking water distribution system through pipe lines.

At present irrespective of all measure the following problems persist.

Excess flow at down stream areas and mere follow at up stream areas.

Illegal tapping of water by using electrical suction motor etc.,

Contamination of water due to return flow from sump & pit tap.

Over all disproportion, uncontrolled.

The flow control valve allows only the stipulated quantity of flow irrespective varying pressures of down stream or up stream levels. At the time of using suction motor, it does not allow any excess water than the stipulated flow rate. Further, prevents return flow from sewages, pit taps & sump thereby enables the entire distribution system deemed and equal proportional leaving the system free from enormous maintenance.

## Technical Details :

Minimum operating pressure	: 0.01kgf (10 cm Head)
Designed Pressure Levels	: 3 Mtrs Head to 8 Mtrs Head
Body material	: Stainless Steel
Ball	: Stainless Steel
Connecting ends	: Model 5 LPM : 1/2" BSP Thread Model 10 LPM : 1/2" BSP Thread Model 15 LPM : 3/4" BSP Thread
Accuracy	: $\pm 20\%$ on average flow rate.



Manufacturer :  
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The Company's policy is one of continuous improvement and the right is reserved to modify the specifications without notice.