

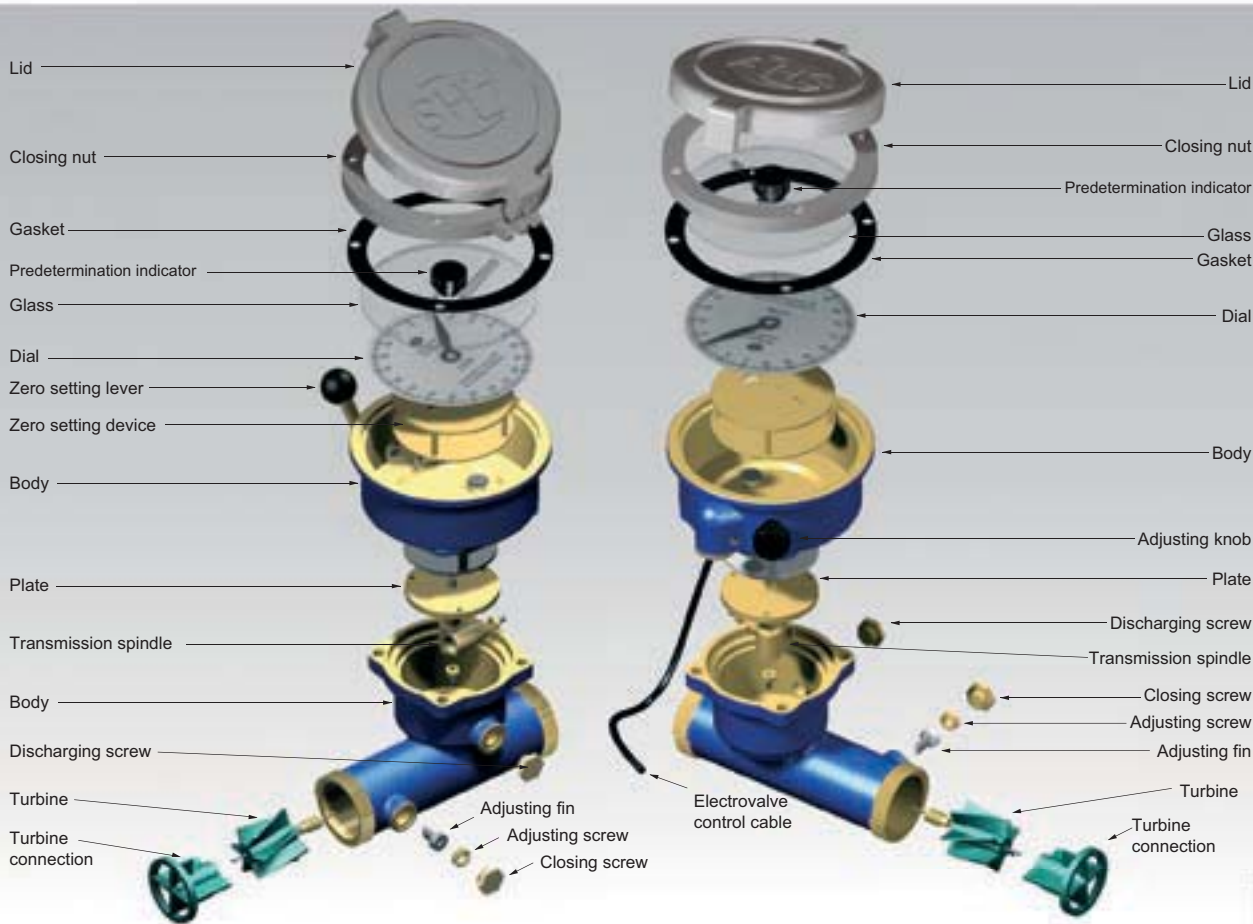


## *Lambda*

**LAMBDA-M Manual Batch Control Unit**

**LAMBDA-SA Semi-automatic Batch  
Control Unit**

**AHS**  
*alpe*  
HYDRAULIC SYSTEMS



DN		Qmax m³/h	Qt ± 2% m³/h	Daily delivery m³	Dial reading liters	L mm	H mm	H** mm	Weight Kg
mm	inches								
25*	1"	7	0,28	22	100-200-500	260	190	330	4
32*	1.1/4"	10	0,4	30	100-200-500	260	190	330	4
40	1.1/2"	20	0,8	200	100-200-500-1000 2000-5000	170	190	335	4
50	2"	30	3	300	500-1000-2000-5000	200	198	340	6

\*Available only in Manual version



### LAMBDA-M Manual Batch Control Unit

LAMBDA M can be used whenever accurate batching is required. The batching unit head dial is equipped with an arrow indicating the delivered volume, with a predetermination sliding pointer to set the volume to be delivered and manual lever for zero setting. The batch control unit with axial turbine allows high deliveries of water flow with negligible pressure loss and may be installed on horizontal, vertical and inclined pipes. Operating life of the batch control unit is related both to the maximum flow rate and to the maximum daily delivery. The following conditions have to taken into consideration:

$$3,6 V/t < Q$$

V = batch volume of water in liters  
t = time per batch in seconds  
Q = max. flow-rate in m3/h

$$nhV/1000 < E$$

n = number of batch per hour  
h = hours  
E = max. daily delivery in m3

#### Operating instructions

- 1) Move the predetermination pointer to the fixed batching value and verify if the batching unit is set to zero.
- 2) Open the feed valve and close it when the index reaches the predetermination pointer.
- 3) Set to zero by using the lever.

### LAMBDA-SA Semi-automatic Batch Control Unit

LAMBDA-SA can be used whenever accurate batching is required. The batching unit head with a dial is equipped with an arrow indicating the delivered volume, a predetermination sliding pointer to set the volume to be delivered and a micro-switch to be operated at each batching to relay the solenoid valve. The batch control unit with axial turbine allows high deliveries of water flow with negligible pressure loss and may be installed on horizontal, vertical and inclined pipes. Operating life of the batch control unit is related both to the maximum flow rate and to the maximum daily delivery. The following conditions have to taken into consideration:

$$3,6 V/t < Q$$

V = batch volume of water in liters  
t = time per batch in seconds  
Q = max. flow-rate in m3/h

$$nhV/1000 < E$$

n = number of batch per hour  
h = hours  
E = max. daily delivery in m3

#### Operating instructions

- 1) Set the arrow on the required batching value by using the adjusting knob.
- 2) Open the feed valve, the batching unit starts moving back till the zero point closing the micro-switch to relay the solenoid valve..

