

# 100-900 Wall Mounted Floodgates

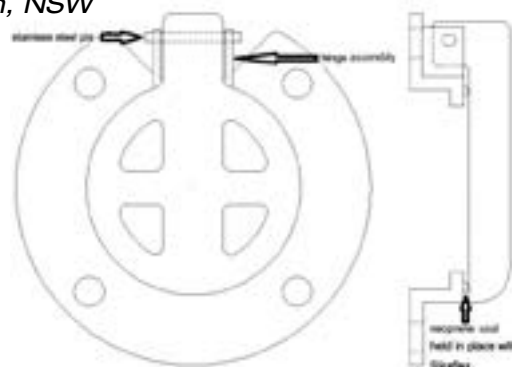


2 x 750 wall mounted floodgates, Blacktown, NSW



We recommend that the hole in the headwall be raised the distance shown on the chart to allow for the flange at the base, or the assembly may affect the flow characteristics.

This will also minimise silt and debris collection.



**FLOODGATE DIMENSION CHART (100-900 WALL MOUNT)**

SIZE (NB)	FLANGE DIA	HOLES @ DIA	BOLT CENTRES	HEAD REQUIRED TO OPEN (approx) mm	APPROX WEIGHT KG	RAISE HOLE BY mm
100	215	4 @ 14mm	180	45	1	60
150	280	4 @ 14mm	235	45	2	80
200	350	4 @ 14mm	300	55	5	80
225	405	4 @ 14mm	360	80	6	110
250	405	4 @ 14mm	360	80	7	110
300	540	6 @ 14mm	480	75	10	120
375	625	6 @ 14mm	575	95	15	125
450	710	8 @ 14mm	655	105	25	130
525	800	8 @ 14mm	740	60	30	140
600	880	8 @ 14mm	825	90	40	140
675	965	8 @ 14mm	890	100	50	145
750	1055	8 @ 14mm	1000	110	70	150
825	1150	8 @ 14mm	1100	120	75	160
900	1215	8 @ 14mm	1160	150	100	160

**NOTE:** Dimensions are approximate only – Fasteners not included.

# 1050-1800 Wall Mounted Floodgates



2 x 1500 wall mounted floodgate, Sydney, NSW

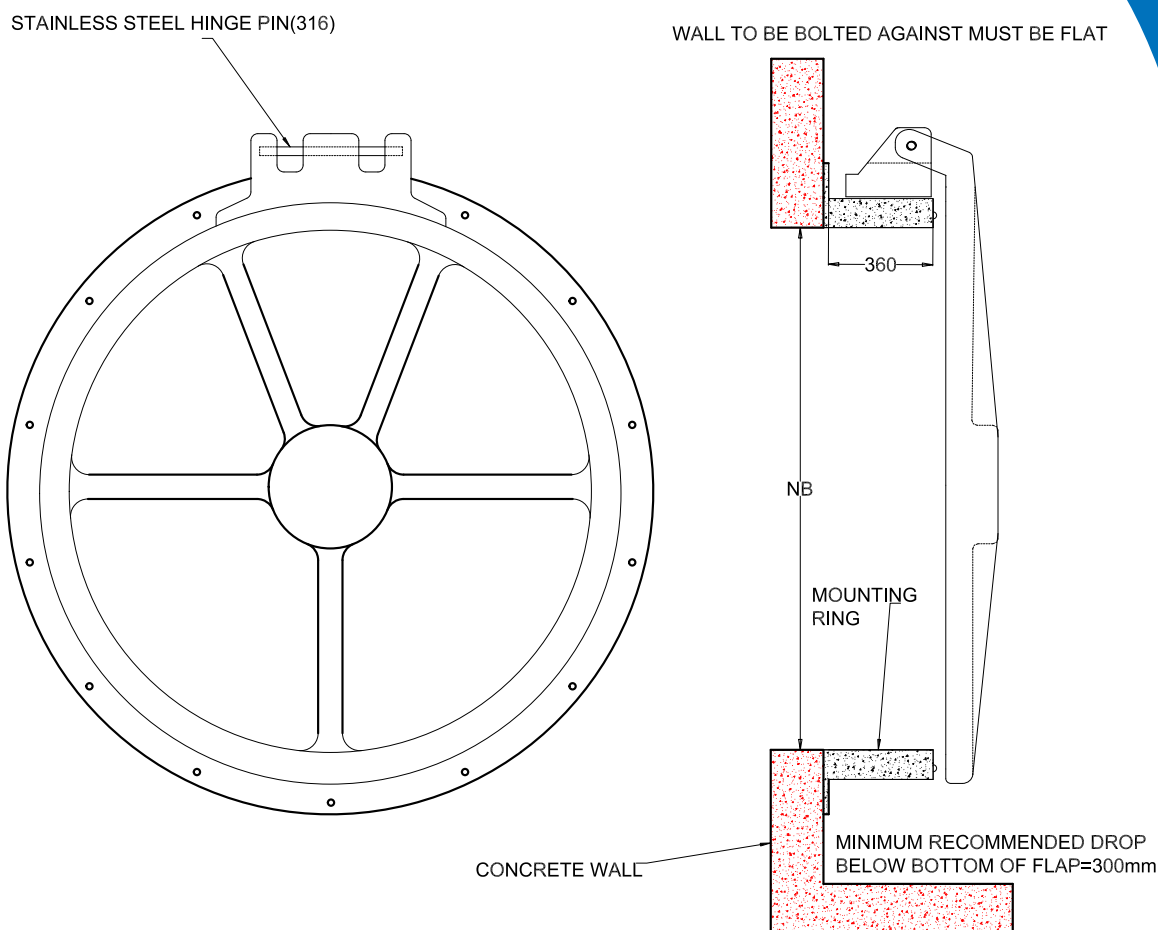


We recommend that the hole in the headwall be raised the distance shown on the chart to allow for the flange at the base, or the assembly may affect the flow characteristics.

This will also minimise silt and debris collection.

FLOODGATE DIMENSION CHART (1050-1800 WALL MOUNT)					
NB	FLANGE DIA	HOLES @ DIA	WEIGHT (approx) kg	HEAD REQUIRED TO OPEN (mm)	RAISE HOLE BY
1050	1476	10 @18mm	250	270	210
1200	1600	10 @18mm	400	310	210
1350	1825	10 @18mm	420	390	240
1500	2000	12 @18mm	550	225	250
1650	2175	12 @18mm	850	255	265
1800	2350	12 @18mm	1200	300	275

**NOTE:** Dimensions are approximate only – Fasteners not included.



## INSTALLATION OF WALL MOUNTED FLOODGATES

- 1) Ensure wall is flat or distortion of the mounting ring will result.
- 2) Hold the floodgate against the wall and mark through holes in flange. (Lifting equipment will be required)
- 3) Remove floodgate and drill holes into wall to suit chosen fasteners.
- 4) Apply a bead of sealant to the entire circumference of the mounting flange.
- 5) Hold floodgate against the wall and do up fasteners.

### (DO NOT OVERTIGHTEN FASTENERS)

Do not remove ring from flap.

**NOTE:** Fasteners not supplied.

### HANDLING:

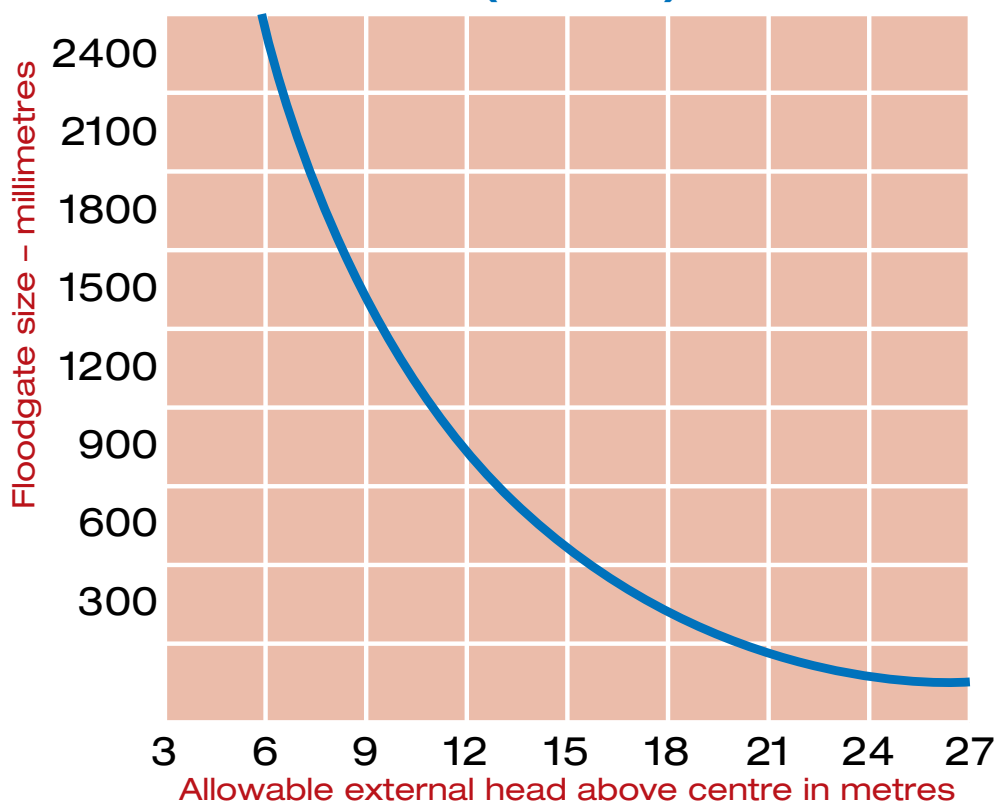
During transit and storage the gate must be laid flat on an even surface or distortion of the gate may occur. (This is not a concern once the gate is fitted to the wall)

### RECOMMENDATIONS:

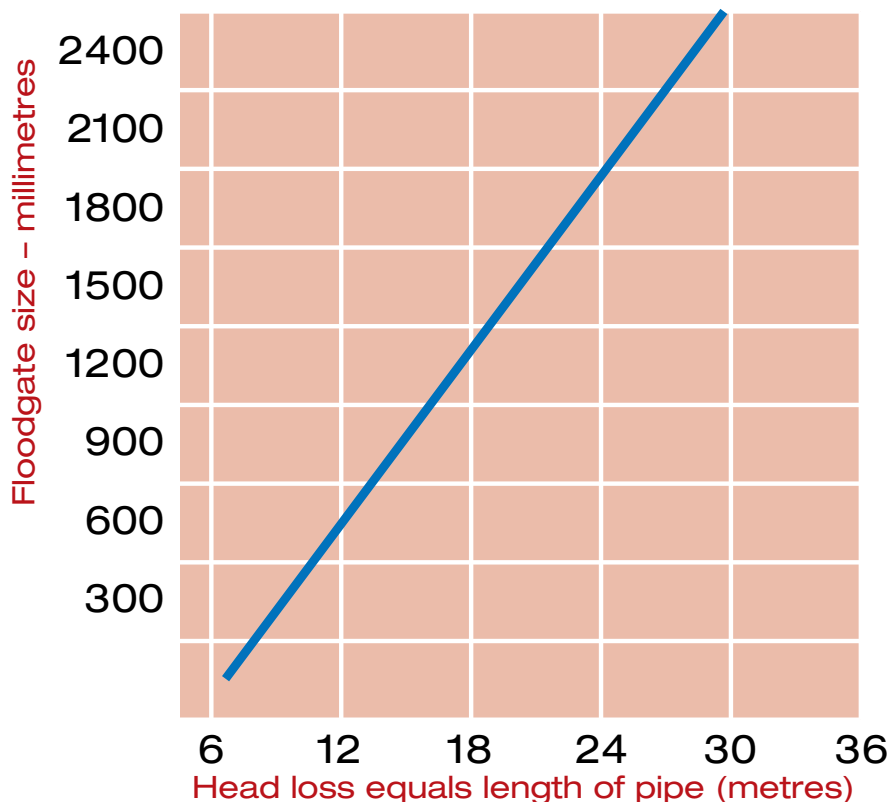
- \* Where floodgates could be damaged by wave action or floating debris such as logs, the gate should be protected by headwalls or pits.
- \* We recommend a minimum drop below the bottom of the floodgate of 300mm to allow debris discharge to clear the floodgate. This will also help prevent the build up of silt which will foul the operation.
- \* As with any product, PRIME wall mount floodgates need to be checked and maintained regularly to ensure correct operation and to prolong the life of the gate. (The only maintenance required is to keep the area around the gate free of debris and silt.)

# Performance Data

## External Head (static)



## Head Loss



The above table shows head loss e.g. the head loss caused by a 600 diameter floodgate would be similar to the head loss of approx. 12 metres of 600 diameter pipe.

The head loss caused by a 1800 diameter floodgate would be similar to the head loss of approx. 24 metres of 1800 diameter pipe.