

FB55



Bottom-Hinged Floodgate with Pneumatic Seals

This heavy-duty “flip-up” floodgate is ideal in flash flood environments where a flush bottom surface is required.

When floodwaters begin to rise, the gate raises out of a recessed pan in the slab. Depending on the size of the opening, the FB55 can be either manual or fully automatic. Dual seals on the sides and bottom of the gate provide redundant protection.

Every FB55 is custom built for openings up to 25' wide and 5' in height. The barrier pan can be cast in place for new construction or can be bolted in place for existing structures.

HEAVY DUTY FLOOD PROTECTION IN A MOMENTS NOTICE

For fast maximum flood protection the FB55 is an ideal solution. With the fully automated model simply turn the activation key to the “Raise” position to deploy the floodgate. A horn and strobe signal the raising of the panel by a hydraulic system. Once in the upright position, dual pneumatic seals automatically inflate to fully seal the opening.

APPLICATIONS — THE FB55 AT WORK...

The FB55 is perfect for parking garages and other large openings, especially where automatic deployment is desired. If your facility is prone to flash flooding, the FB55's hinged gate and pneumatic seals offers efficient and superior protection from floodwaters.

- ▶ Bottom-hinged panel flips up effortlessly into place
- ▶ Can automatically be deployed in a moments notice
- ▶ Dual inflatable seals provide redundant protection
- ▶ Suitable for new or existing construction
- ▶ Custom built for openings of up to 25' wide and 5' in height



PRODUCT SPECIFICATIONS

FB55

Size	Custom build up to 25' wide and 5' in height
Panel	Steel Diamond tread plate
Frame	Low-carbon steel (stainless steel optional)
Seals	Presray pneumatic-seal technology — dual seals on three sides of gate
Hardware	Hinges: Presray Series heavy-duty low friction precision hinges Latches: Slide bolts to hold panel in closed position with lockable feature
Finish	Panel and conversion frame primed with one coat of rust inhibitive, red primer

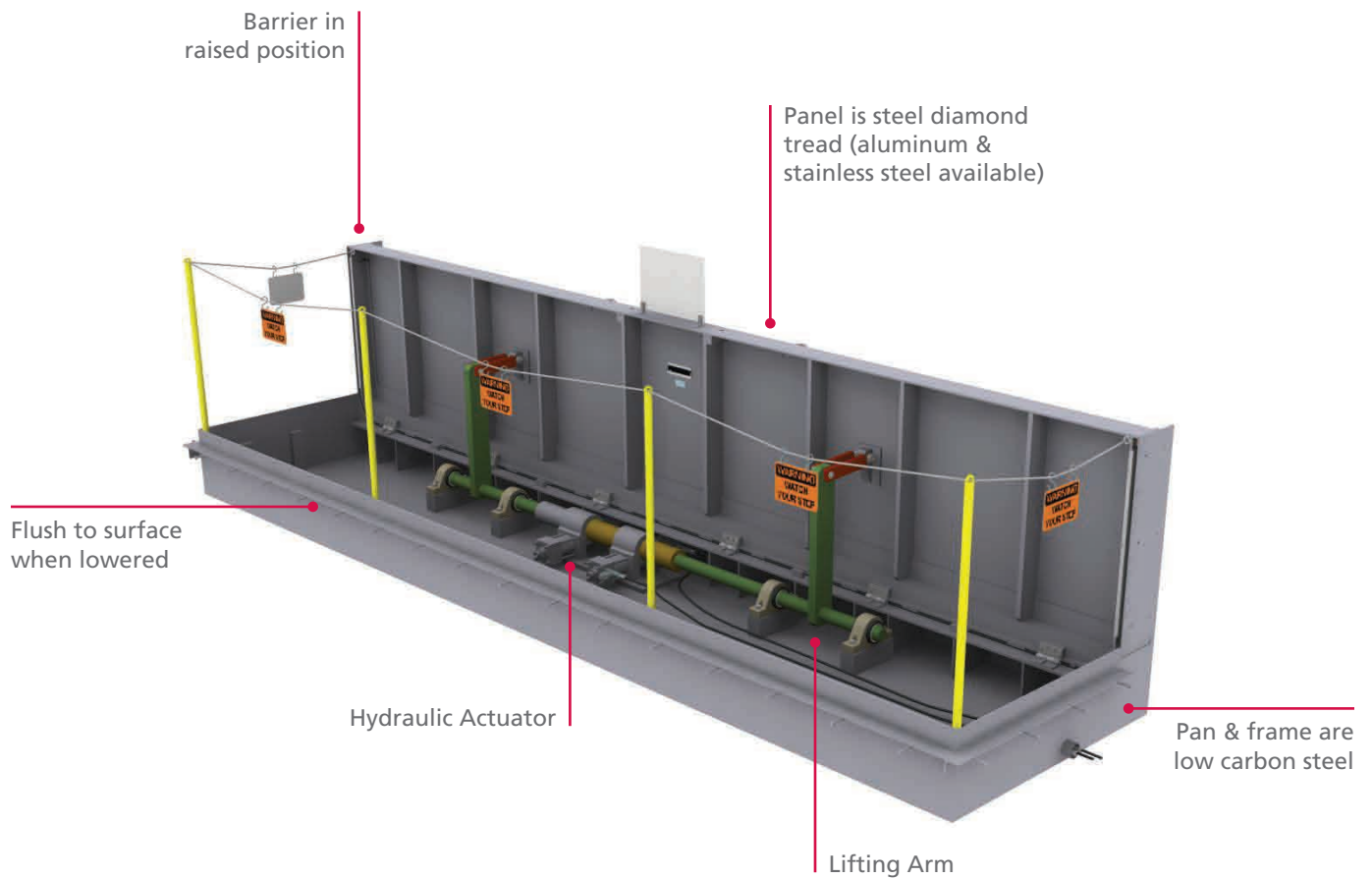
AVAILABLE OPTIONS

- ▶ 6061-T6 aluminum and stainless steel panel
- ▶ Seal can be inflated by hand pump or portable compressors where air source is not available
- ▶ Automated control systems

CUSTOM BUILT TO MEET YOUR REQUIREMENTS

Every FB55 Floodgate is custom built from shop drawings to ensure that it meets the special needs of your facility.

Gates are designed with a minimum of 2:1 factor of safety based on material yield strength, and will provide an effective seal against the flood level for which it is designed.



FOR MORE INFORMATION

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