

FB44



Hinged Floodgate with Pneumatic Seals

This heavy-duty, side-hinged floodgate is ideal in flash flood environments where a flush bottom sill is required.

When floodwaters begin to rise, simply close the gate, slide the locking bolts and inflate the seals. Dual seals on the sides and bottom of the gate provide redundant protection.

Every FB44 is custom built for virtually any size opening. They are suitable for both new construction and for retrofitting into the openings of existing structures. In both situations, the sill can be recessed to prevent a tripping hazard. For extra wide openings, dual FB44s can be used together with a center mullion.

The FB44 has been tested and certified by FM Approvals® and exceeds FEMA and NFIP Floodproofing Certification Standards.

RELIABLE FLOOD PROTECTION AT A MOMENTS NOTICE

If your facility demands fast, maximum flood protection, there's no better solution. Once the gate is closed, and the slide bolts are locked in place, the FB44 is inflated in minutes by either a hand pump, compressed air tank, or air compressor.

APPLICATIONS — THE FB44 AT WORK...

The FB44 is perfect for doorway openings, loading docks, parking garages or any other openings in municipal, industrial or commercial facilities. If your facility is prone to flash flooding, the FB44's hinged gate and pneumatic seals offers the maximum and most efficient protection available.

- ▶ Hinged gate panel swings effortlessly into place by one person
- ▶ Dual inflatable seal provides redundant protection
- ▶ Durable design and construction
- ▶ Suitable for new or existing construction
- ▶ Custom built for openings of any size
- ▶ Exceeds FEMA & NFIP Floodproofing Certification Standards



Size	Custom built to match dimensions of any opening
Panel	6061-T6 Aircraft Aluminum
Frame	Conversion frame is made of A36 Carbon Steel. 304/316 Stainless Steel also available.
Seals	Presray Pneuma-Seal® technology — dual seals on three sides of gate
Hardware	Manually operated slide bolts lock panel into jamb or into storage position Presray Six-Way Adjustable Hinges — low friction with oil impregnated bronze bushing for radial and thrust loads
Finish	Panel is bright aluminum. Frame is blast cleaned per SSPCSP7 and primed with one coat

AVAILABLE OPTIONS

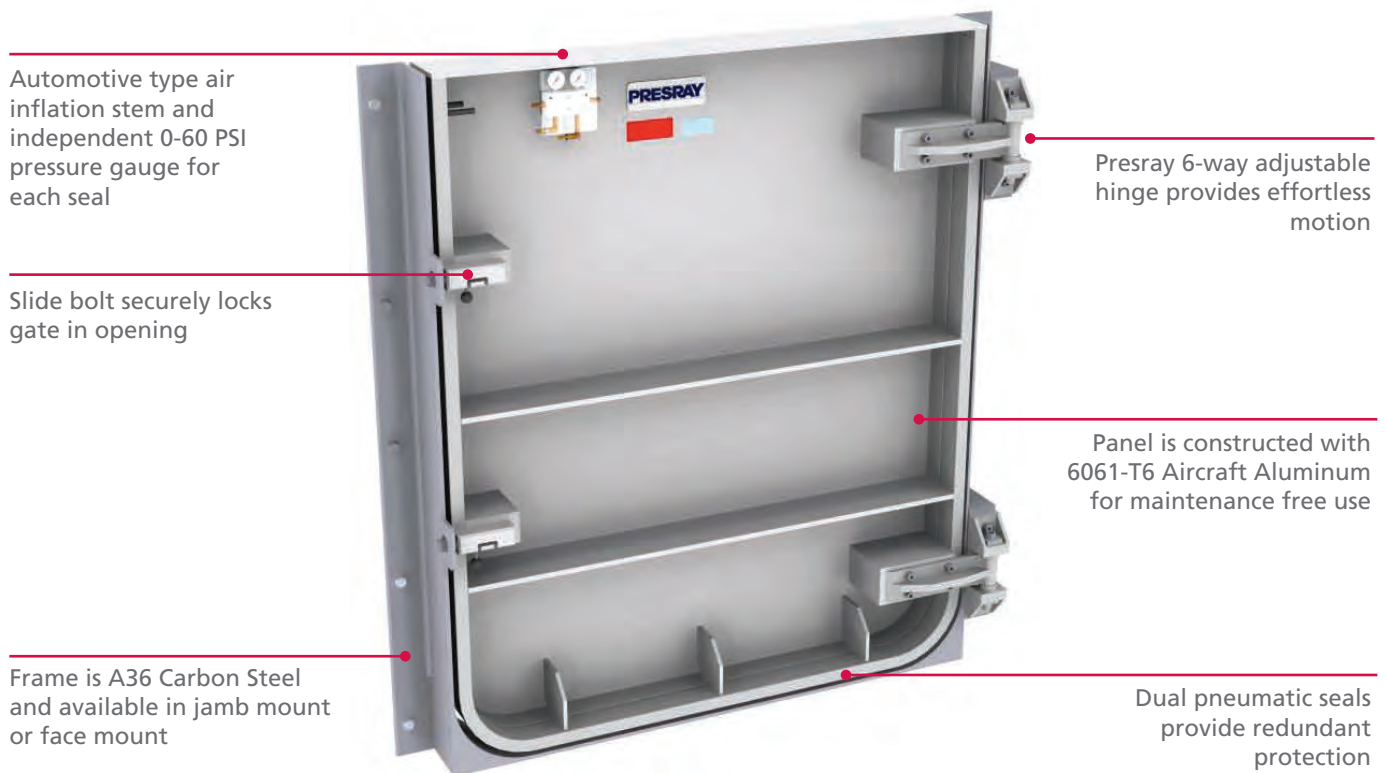
- ▶ Dual FB44 Flood Gates can be used with a center mullion between the panels
- ▶ Frame available in stainless steel
- ▶ Hand pump or portable compressors should facility air source not be available

CUSTOM BUILT TO MEET YOUR REQUIREMENTS

Every FB44 Flood Gate 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. They can be mounted inside an opening (between doorjamb), or mounted on the face of the building with the frame installed in front of the opening.

Flood Barriers are shipped primed and finished on site, or, if desired, final coat can be applied at our manufacturing facility.



Automotive type air inflation stem and independent 0-60 PSI pressure gauge for each seal

Slide bolt securely locks gate in opening

Frame is A36 Carbon Steel and available in jamb mount or face mount

Presray 6-way adjustable hinge provides effortless motion

Panel is constructed with 6061-T6 Aircraft Aluminum for maintenance free use

Dual pneumatic seals provide redundant protection

FOR MORE INFORMATION

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