

## **FEBCO MASTER SERIES BFP ENCLOSURE**

# *WATER SAFE* ®

**SPECIFICATION SHEET for MODELS:  
WS-4,6,8,10FM-NRS WS-4,6,8,10FM-OSY**

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### ***Physical Properties:***

Size of Pipe and BFP Device: 2 1/2", 3", 4", 6", 8", 10"

Construction: Open Bottom With Insulated Walls & Roof

Mounting: Open bottom sits on and is anchored to a concrete base furnished by others.

Temperature Range: -60 Degrees F to 140 Degrees F (ambient temperature)

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### ***Materials:***

Outside Skin: .050" Mill Finish 5052 H32 Aluminum or  
.050" 3105 H14 Aluminum pre-painted with 70% KYNAR/HYLAR based  
Fluoropolymer

Insulation: 1.5" Polyisocyanurate with aluminum foil facers, R Value of 12

Adhesive: Silicone base, permanently flexible from -60 Degrees F to 400 Degrees F

Hinge for Drain: 304 Stainless Steel                      Rivet: 304 Stainless Steel rivet & pin

Panel Fasteners: 304 Stainless Steel hex head screws

Structural Supports: 1/8" Mill Finish 5052 H32 Aluminum

Gasketing: EPDM Elastomer

Concrete Fasteners: AISI 304 Stainless Steel Wedge Anchor  
Conforms to ASTM A276  
Rating: **UTIMATE TENSILE & SHEAR LOADS**  
1750 lbs. in tension/2000 PSI concrete/2" embedment  
2200 lbs. in shear/2000 PSI concrete/2" embedment  
**ALLOWABLE WORKING LOADS**  
470 lbs. in tension/2000 PSI concrete/2" embedment  
590 lbs. in shear/2000 PSI concrete/2" embedment

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### ***Application:***

Freeze, vandal and heat protection conforming to ASSE 1060, Classes I & II

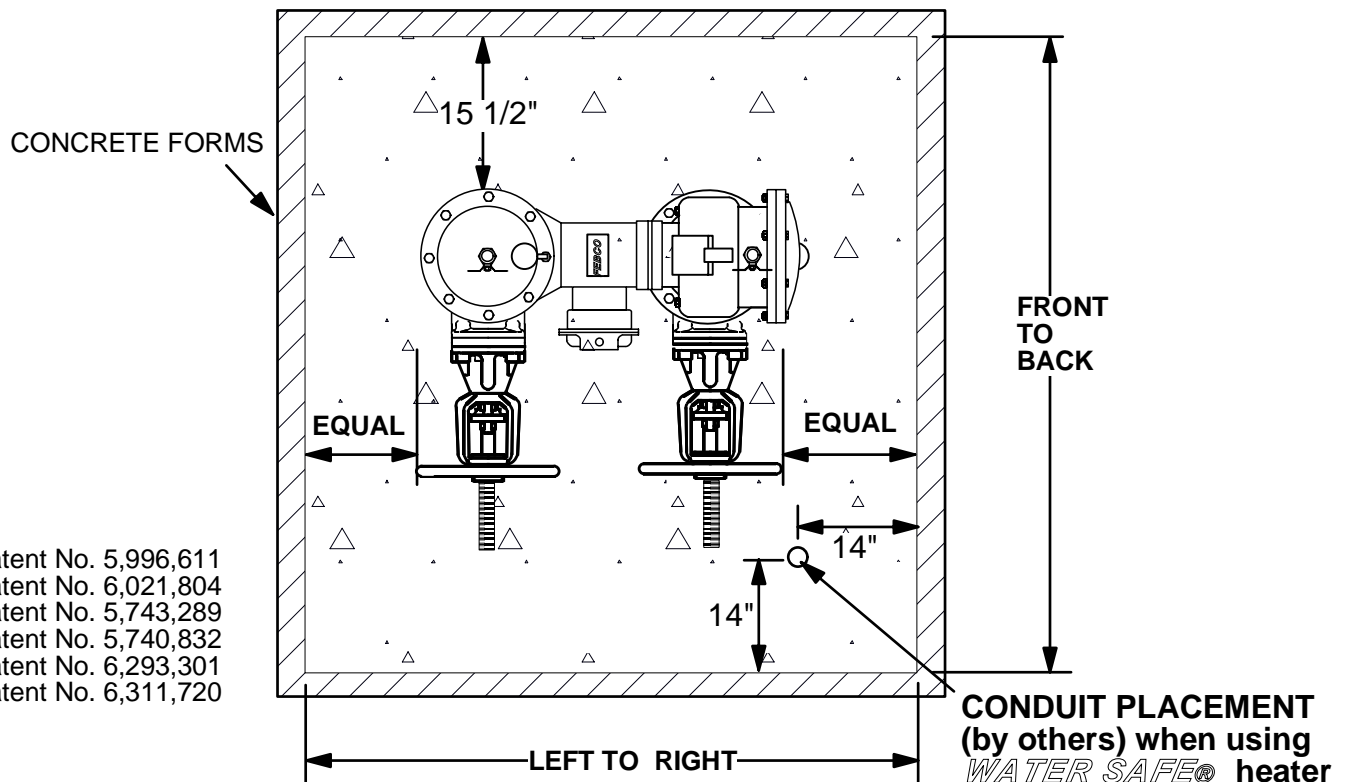


**INTERIOR DIMENSIONS FOR FEBCO "N" PATTERN ENCLOSURES**

MODEL NO.	LEFT TO RIGHT	FRONT TO BACK	HEIGHT	SIDE ACCESS	SHIPPING WEIGHTS	CONCRETE BASE SIZE
WS-4FM-NRS	36"	36"	45"	24.25" X 43.5"	138#'s	51" X 51"
WS-4FM-OSY	36"	36"	45"	24.25" X 43.5"	138#'s	51" X 51"
WS-6FM-NRS	41"	45"	50"	33.25" X 48.5"	165#'s	56" X 60"
WS-6FM-OSY	41"	45"	50"	33.25" X 48.5"	165#'s	56" X 60"
WS-8FM-NRS	41"	45"	57"	33.25" X 55.5"	182#'s	68" X 72"
WS-8FM-OSY	41"	55"	57"	38.5" X 55.5"	210#'s	56" X 70"
WS-10FM-NRS	48"	48"	57"	38.5" X 55.5"	258#'s	63" X 63"
WS-10FM-OSY	48"	65"	57"	44.75" X 55.5"	283#'s	63" X 80"

The concrete base sizes given above allow approximately 6" around the outside of the enclosure. Check local codes before placing base.

**SIZE IS LEFT TO RIGHT X FRONT TO BACK  
MEASURE TO INSIDE OF FORMS**



U.S. Patent No. 5,996,611  
 U.S. Patent No. 6,021,804  
 U.S. Patent No. 5,743,289  
 U.S. Patent No. 5,740,832  
 U.S. Patent No. 6,293,301  
 U.S. Patent No. 6,311,720