

# BULLETIN

## **Endura**®

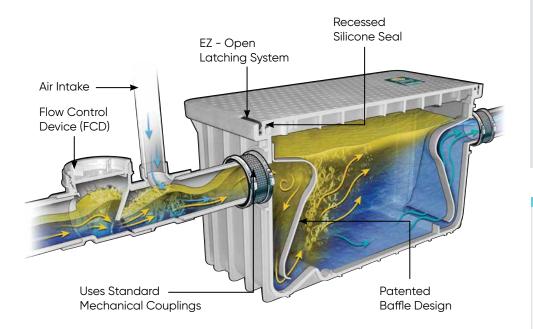
### Grease Interceptor

Injected molded in engineered thermoplastics, Endura<sup>®</sup> will not corrode, chip or peel, even under the most severe applications.

Sewer authorities and building owners spend millions of dollars every year combating grease accumulation in plumbing systems.

Grease accumulation causes sewer blockages and overflows. These overflows are a health risk to you, your employees, your customers and the general public. Injection molded in engineered thermoplastic, the Endura®

Grease Interceptor provides restaurant operators the best value and performance on the market.



#### **Features and Benefits:**

- Manages Compact, durable, userfriendly solution
- Molded one piece tank eliminates seams and potential leaking
- Can withstand continuous discharge at 104° C (220° F)
- Lightweight and strong, Endura® models weigh up to 60% less than directly equivalent metal competitors - offers ease of installation, transport and storage
- Supports 300 pounds of pedestrian and light duty traffic
- Mechanical joint coupling connections allowing for use of various piping materials
- Flexibility of installation can be installed in-floor, on-floor, or semirecessed
- 15-50 gpm modular risers available

#### Standards:











PDI & MEA 160-08-E Approved IAPMO Listed (No IAPMO listing for 15 GPM Interceptors)

#### Contact us

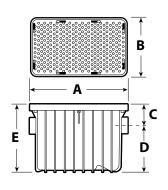
Visit our website: ipexna.com / enduragreasemanagement.com

Eastern U.S. Toll free: (800) 463-9572 Western U.S. Toll free: (888) 461-5307

 $\label{eq:endura} \textit{Endura}^{\text{\tiny{\$}}} \; \textit{is a registered trademark}.$ 



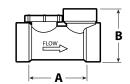
#### 7-50 GPM Tank Dimensions



| GPM/<br>lbs | Endura 7<br>7/14 | Endura 10<br>10/20 | Endura 15<br>15/30 | Endura 20<br>20/40 | Endura<br>25LO<br>25/50/LO | Endura 2<br>2" Model | 25 25/50<br>3" Model | Endura 35<br>35/70 | Endura 50<br>50/100 |
|-------------|------------------|--------------------|--------------------|--------------------|----------------------------|----------------------|----------------------|--------------------|---------------------|
| А           | 14.5"<br>(368mm) | 14.5"<br>(368mm)   | 23.6"<br>(600mm)   | 23.6"<br>(600mm)   | 31.0"<br>(787mm)           | 31.25" (794mm)       |                      | 31.0"<br>(787mm)   | 31.0"<br>(787mm)    |
| В           | 17.5"<br>(444mm) | 17.5"<br>(444mm)   | 17.5"<br>(444mm)   | 17.5"<br>(444mm)   | 23.5"<br>(597mm)           | 18.5" (470mm)        |                      | 23.5"<br>(597mm)   | 23.5"<br>(597mm)    |
| С           | 3.5"<br>(89mm)   | 3.5"<br>(89mm)     | 3.5"<br>(89mm)     | 3.5"<br>(89mm)     | 4"<br>(102mm)              | 4"<br>(102mm)        | 4.5"<br>(127mm)      | 5.0"<br>(127mm)    | 5.0"<br>(127mm)     |
| D           | 12.8"<br>(325mm) | 12.8"<br>(325mm)   | 12.8"<br>(325mm)   | 12.8"<br>(325mm)   | 7"<br>(178mm)              | 12.5"<br>(318mm)     | 12"<br>(305mm)       | 12.5"<br>(318mm)   | 18.5"<br>(470mm)    |
| Е           | 16.3"<br>(414mm) | 16.3"<br>(414mm)   | 16.3"<br>(414mm)   | 16.3"<br>(414mm)   | 11"<br>(279mm)             | 16.5" (419mm)        |                      | 17.5"<br>(444mm)   | 23.5<br>(597mm)     |

#### Flow Control Dimensions

| Dim. | 1 Piece Compact<br>2" h x h | 2 Piece<br>2" h x h | 2 Piece<br>3" h x h | 2 Piece<br>4" h x h |  |
|------|-----------------------------|---------------------|---------------------|---------------------|--|
| Α    | 3.94" (100mm)               | 3" (76.2mm)         | 4.23" (107.4mm)     | 6.13" (155.7mm)     |  |
| В    | 3.44" (87.4mm)              | 3.84" (97.5mm)      | 5.93" (151mm)       | 6.84" (173.7mm)     |  |

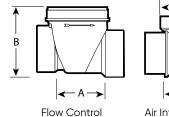


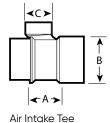
1 Piece Compact Flow Control (2" Version Illustrated)

A 2", 2- piece flow control is also available for purchase.

#### Air Intake Dimensions

| Dim. | 2" spg x h     | 3" spg x h      | 4" spg x h     |  |  |
|------|----------------|-----------------|----------------|--|--|
| Α    | 2.91" (73.9mm) | 2.67" (67.8mm)  | 3.19" (81mm)   |  |  |
| В    | 2.71" (68.8mm) | 4.01" (101.9mm) | 5.04" (128mm)  |  |  |
| С    | 2.24" (56mm)   | 2.27" (57.7mm)  | 2.72" (69.1mm) |  |  |





2 Piece Compact Flow Control (2" Version Illustrated)

#### **Capacities**

| Description  | Endura 7<br># 3907A02 | Endura 10<br># 3910A02 |                  |                 | Endura 25LO<br># 3925A02LO | Endura 25<br># 3925XTA02 (2")<br># 3925XTA03 (3") |              |                              |
|--|-----------------------|------------------------|------------------|-----------------|----------------------------|---|--------------|------------------------------|
| US Gallons/Minute - GPM (L/Sec)                      | 7 (0.44)              | 10 (0.63)              | 15 (0.94)        | 20 (1.26)       | 25 LO (1.6)                | 25 (1.6)  | 35 (2.2)     | 50 (3.2)                     |
| Minimum Grease Capacity - Ib (kg)                    | 14 (6.35)             | 20 (9.07)              | 30 (13.6)        | 40 (18.1)       | 50 (22.68)                 | 50 (22.68)  | 70 (31.8)    | 100 (45.4)                   |
| Grease Capacity Actual - lb (kg)<br>(ASME A112.14.3) | 31.95 (14.49)         | 38.07 (17.28)          | 35.14<br>(15.94) | 76.4<br>(34.65) | 62.59 (28.39)              | 72.55 (32.90) (2")<br>73.01 (33.11) (3")          | 138.5 (62.8) | 122.07 (55.3) <b>*</b>       |
| Avg. Efficiency % (ASME A112.14.3)                   | 95.5%                 | 92.5%                  | 90.1%            | 95.4%           | 96.3%                      | 96.7% (2")<br>97.3% (3")                          | 98.6%        | 93.9%                        |
| Operating Temperature Capabilities                   |                       |                        |                  | 2               | 20°F (104°C)               |   |              |                              |
| Cover Load Rating CSA B481.0 (L)                     | 300 lb (135 kg)       |                        |                  |                 |                            |   |              |                              |
| Min. Test Load for Approval (L)                      | 600 lb (270kg)        |                        |                  |                 |                            |   |              |                              |
| Unit Weight (Empty) - Ib (kg)                        | 15.8 (7.17)           | 15.8 (7.17)            | 23 (10.4)        | 23 (10.4)       | 34.35 (15.58)              | 35.61 (16.153) (2")<br>37.77 (17.136) (3")        | 45 (20.4)    | 60 (27.2)                    |
| Liquid Capacity - gal (L)                            | 12.96 (49.06)         | 12.96 (49.06)          | 21.6 (81.8)      | 21.6 (81.8)     | 18.9 (71.54)               | 30.6 (115.83) (2")<br>29.5 (111.67) (3")          | 39.4 (149.1) | 52.0 (197)                   |
| Conn. size (mechanical joint only)                   | 2"                    | 2"                     | 2"               | 2"              | 2"                         | 2" (3925XTAO2)<br>3" (3925XTAO3)                  |              | 3" (3950A03)<br>4" (3950A04) |

<sup>\*</sup> Not evaluated to breakdown capacity (PDI-G101)

Grease Capacity Min - Ib (kg): Industry minimum grease capacity based on GPM flow rate. Requires minimum 2 Ib of grease capacity for each GPM of flow. Grease Capacity Actual - Ib (kg): Actual capacity at breakdown when tested to ASME A112.14.3 / NSF ES 15741 as indicated.