

## About Us



### Molding a Better Future

We are one of North America's leading producers of plastic products for the building and construction industries specializing in injection molded products. We have five decades of expertise and experience in the manufacturing and distribution of plastic plumbing products, processing multiple materials and producing millions of fittings and products on an annual basis.

Endura® grease management products have demonstrated effective, efficient and consistent performance with over a decade of field installation and operation. The Endura® products are multi-patented and built to withstand the toughest environments, providing the flexibility of in-floor, on-floor and semi-recessed application. We have been instrumental in changing the traditional practices regarding the installation of grease management solutions, plastic alternatives to metal interceptors being now substantially accepted Nationwide as the new standard for grease management in commercial foodservice applications.

### Endura® Earth friendly solutions for Grease Management

We are committed to the continuous improvement of our environmental performance and to meeting or exceeding the requirements of all applicable environmental laws and regulations.

#### Durability

- Fewer installations and replacements result in lower lifetime costs & less landfill waste
- Injection molded in engineered thermoplastics, Endura® Grease Interceptors will not corrode, chip, or peel, even under the most severe applications
- Durability provides consistent operation – no compromise of effectiveness due to deterioration of key parts

#### Green by Design

- Light-weight but durable grease interceptor units enable smaller carbon footprints and low-emissions transport
- Injection and rotationally molded thermoplastic requires less energy to produce than metal grease interceptors
- Endura® interceptors are manufactured using up to 100% recompounded material

## Product Overview

### Hydromechanical Grease Interceptors (HGI)



#### Endura® 7 - 10 - 15 Models

3907A02 - 7GPM (0.44 LPS) 2" (51 mm) connection  
3910A02 - 10GPM (0.63 LPS) 2" (51 mm) connection  
3915A02C - 15GPM (0.94 LPS) 2" (51 mm) connection

Compact models use a development of the patented Endura baffle system to enhance separation performance at low flow rates. EZ-Clean tank design – Aids exterior cleaning.



#### Endura® 20 Model

3920A02 20GPM (1.26 LPS) 2" (51 mm) connection

Our original tank, 20gpm units are perhaps the most commonly installed product. It suits both on-floor and in-floor applications.



#### Endura® 25 Lo-PRO Model

3925A02LO 25GPM (1.6 LPS) 2" (51 mm) connection

Endura® Lo-PRO is for tight on-floor applications where space is at a premium. Same dimensional footprint as 35gpm and 50gpm Endura® models.

Overall height 11 inches, still meeting requirements of ASME112.14.3. Internal components can be removed in less than 6" of additional clearance.



#### Endura® 25 XT Models

3925XTA02 25GPM (1.6 LPS) 2" (51 mm) connection  
3925XTA03 25GPM (1.6 LPS) 3" (76 mm) connection

25gpm uses structured foam molding technology providing rigidity and durability while reducing unit weight. Models incorporate cover pry points and latch recesses for no-tool access.



#### Endura® 35 Models

3935A03 35GPM (2.2 LPS) 3" (76 mm) connection  
3935A04 35GPM (2.2 LPS) 4" (110 mm) connection

35gpm uses structured foam molding technology providing rigidity and durability while reducing unit weight. Diffuser baffle aids separation at increased flow rates.



#### Endura® 50 Models

3950A03 50GPM (3.2 LPS) 3" (76 mm) connection  
3950A04 50GPM (3.2 LPS) 4" (110 mm) connection

A tall version of our 35gpm model the 50gpm interceptor uses common parts incorporating all the best features of the Endura® product design in a comparatively light weight solution to that of its metal competitors.

### Extended Capacity Hydromechanical Grease Interceptors (HGI)



#### Endura®XL 75 Models

4075A04 75 GPM (4.74 L/Sec) 4" (110 mm) Connections  
4075A04T 75 GPM (4.74 L/Sec) 4" (110 mm) FPT Connections

Industry leading separation efficiency based on testing to national standards. Comparable operational grease capacity (580 lb) to 750 gallon Gravity GI (Concrete).\* Operation is based on Dynamic Inlet Baffle (Pat. Pend.) with internal flow control device. Smart tank design offers many features, with external flow control available as an option. Cut-to-length riser system for burial up to 72", pre-plumbed outlet system, traffic rated dual cover format for unrivalled maintenance accessibility & inspection.

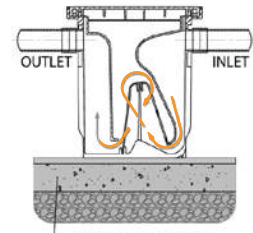
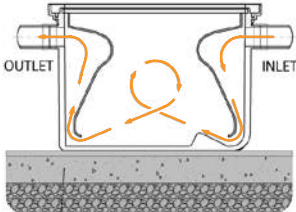
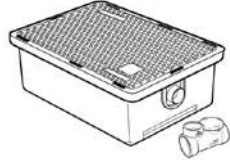
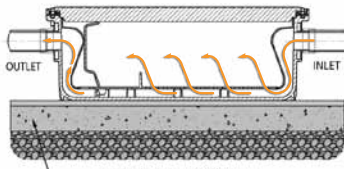
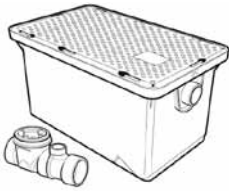
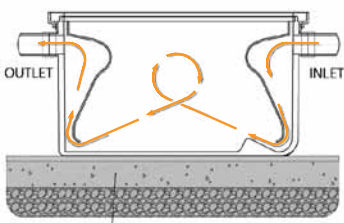
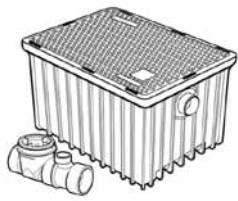
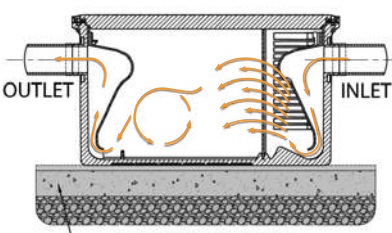
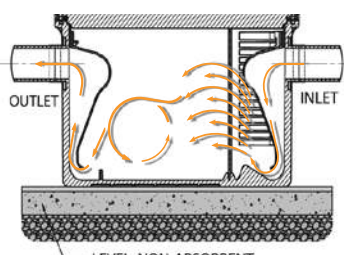
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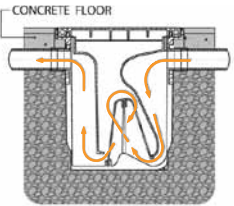
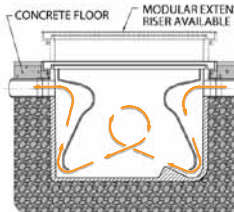
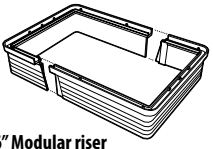
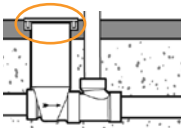
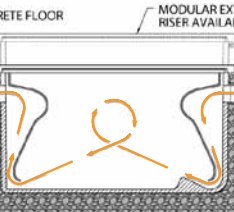
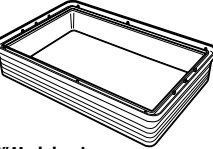
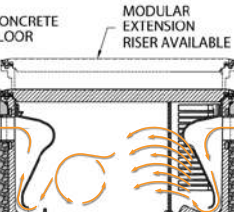
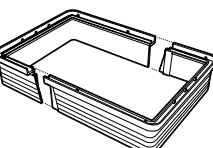
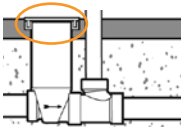
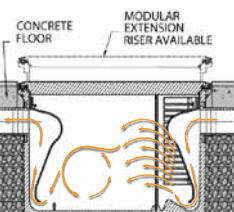
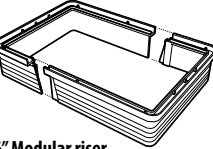
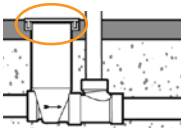
40100A04 - 100GPM (6.3 L/Sec) 4" (110 mm) Connections  
40100A04T - 100GPM (6.3 L/Sec) 4" (110 mm) FPT Connections

Industry leading separation efficiency based on testing to national standards. Comparable operational grease capacity (1058 lb) to 1500 gallon Gravity GI (Concrete).\* Operation is based on Dynamic Inlet Baffle (Pat. Pend.) with internal flow control device. Smart tank design offers many features, with external flow control available as an option. Cut-to-length riser system for burial up to 72", pre-plumbed outlet system, traffic rated dual cover format for unrivalled maintenance accessibility & inspection.

\* based on 25% rule for maintenance



| Product                                                                                                                                                                                                                                                                       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Connection Size                                                                                                                                                                                                                                                    | Recycled Content                                                                                          | On-Floor                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Endura® Compact Grease Interceptor</b><br/>- 7 GPM 3907A02 - 10 GPM 3910A02<br/>- 15 GPM 3915A02C<br/>(Suffix "T" for threaded inlet/outlet connections)</p> <p>440 lb<br/>220 kg</p> | <ul style="list-style-type: none"> <li>- Compact tank / small footprint</li> <li>- Injection molded in proven engineered thermoplastics for strength and durability</li> <li>- EZ-Open cover latches</li> <li>- Odor lock cover gasket</li> <li>- Load rated cover supports up to 440 lb (220kg) of pedestrian and light duty traffic</li> <li>- EZ-Clean exterior tank profile with a non-ribbed section at the lower two inches of the tank</li> <li>- 10 Year Limited Manufacturers Warranty</li> </ul> | <p>- 7 GPM 3907A02 - 2"<br/>- 10 GPM 3910A02 - 2"<br/>- 15 GPM 3915A02C - 2"</p>  <p>Connected using mechanical joint couplings allowing for use of various piping materials.</p> | <p>Minimum of 5%</p>    |  <p>LEVEL, NON-ABSORBENT MATERIAL FOR EVEN SUPPORT OF TANK</p>   |
|  <p><b>Endura® Grease Interceptor</b><br/>- 20 GPM 3920A02<br/>(Suffix "T" for threaded inlet/outlet connections)</p> <p>440 lb<br/>220 kg</p>                                               | <ul style="list-style-type: none"> <li>- Injection molded in proven engineered thermoplastics for strength and durability</li> <li>- EZ-Open cover latches</li> <li>- Odor lock cover gasket</li> <li>- Load rated cover supports up to 440 lb (220kg) of pedestrian and light duty traffic</li> <li>- 10 Year Limited Manufacturers Warranty</li> </ul>                                                                                                                                                   | <p>- 20 GPM 3920A02 - 2"</p>  <p>Connected using mechanical joint couplings allowing for use of various piping materials.</p>                                                     | <p>Minimum of 5%</p>    |  <p>LEVEL, NON-ABSORBENT MATERIAL FOR EVEN SUPPORT OF TANK</p>   |
|  <p><b>Endura® Low Profile Grease Interceptor</b><br/>- 25 GPM 3925A02LO<br/>(Suffix "T" for threaded inlet/outlet connections)</p> <p>440 lb<br/>220 kg</p>                                | <ul style="list-style-type: none"> <li>- 11" in height, ideal for under sink installation</li> <li>- Requires only 6" of clearance for maintenance</li> <li>- Injection molded in proven engineered thermoplastics for strength and durability</li> <li>- EZ-Open cover latches</li> <li>- Odor lock cover gasket</li> <li>- EZ-Clean tank exterior</li> <li>- 10 Year Limited Manufacturers Warranty</li> </ul>                                                                                           | <p>- 25 GPM 3925A02LO - 2"</p>  <p>Connected using mechanical joint couplings allowing for use of various piping materials.</p>                                                   | <p>Minimum of 5%</p>   |  <p>LEVEL, NON-ABSORBENT MATERIAL FOR EVEN SUPPORT OF TANK</p>  |
|  <p><b>Endura® Grease Interceptor</b><br/>- 25 GPM 3925XTA02 - 25 GPM 3925XTA03<br/>(Suffix "T" for threaded inlet/outlet connections - 3" only)</p> <p>440 lb<br/>220 kg</p>              | <ul style="list-style-type: none"> <li>- Injection molded in proven engineered thermoplastics for strength and durability</li> <li>- EZ-Open cover latches</li> <li>- Odor lock cover gasket</li> <li>- Load rated cover supports up to 440 lb (220kg) of pedestrian and light duty traffic</li> <li>- 10 Year Limited Manufacturers Warranty</li> <li>- Supplied with 2 piece flow control</li> </ul>                                                                                                     | <p>- 25 GPM 3925XTA02 - 2"<br/>- 25 GPM 3925XTA03 - 3"</p>  <p>Connected using mechanical joint couplings allowing for use of various piping materials.</p>                     | <p>Minimum of 5%</p>  |  <p>LEVEL, NON-ABSORBENT MATERIAL FOR EVEN SUPPORT OF TANK</p> |
|  <p><b>Endura® Grease Interceptor</b><br/>- 35 GPM 3935A03 - 35 GPM 3935A04<br/>(Suffix "T" for threaded inlet/outlet connections - 3" only)</p> <p>440 lb<br/>220 kg</p>                  | <ul style="list-style-type: none"> <li>- Injection molded in proven engineered thermoplastics for strength and durability</li> <li>- EZ-Open cover latches</li> <li>- Odor lock cover gasket</li> <li>- Load rated cover supports up to 440 lb (220kg) of pedestrian and light duty traffic</li> <li>- 10 Year Limited Manufacturers Warranty</li> <li>- Supplied with 2 piece flow control</li> </ul>                                                                                                     | <p>- 35 GPM 3935A03 - 3"<br/>- 35 GPM 3935A04 - 4"</p>  <p>Connected using mechanical joint couplings allowing for use of various piping materials.</p>                         | <p>Minimum of 5%</p>  |  <p>LEVEL, NON-ABSORBENT MATERIAL FOR EVEN SUPPORT OF TANK</p> |
|  <p><b>Endura® Grease Interceptor</b><br/>- 50 GPM 3950A03 - 50 GPM 3950A04<br/>(Suffix "T" for threaded inlet/outlet connections - 3" only)</p> <p>440 lb<br/>220 kg</p>                  | <ul style="list-style-type: none"> <li>- Injection molded in proven engineered thermoplastics for strength and durability</li> <li>- EZ-Open cover latches</li> <li>- Odor lock cover gasket</li> <li>- Load rated cover supports up to 440 lb (220kg) of pedestrian and light duty traffic</li> <li>- 10 Year Limited Manufacturers Warranty</li> <li>- Supplied with 2 piece flow control</li> </ul>                                                                                                     | <p>- 50 GPM 3950A03 - 3"<br/>- 50 GPM 3950A04 - 4"</p>  <p>Connected using mechanical joint couplings allowing for use of various piping materials.</p>                         | <p>Minimum of 5%</p>  |  <p>LEVEL, NON-ABSORBENT MATERIAL FOR EVEN SUPPORT OF TANK</p> |

| In-Floor                                                                                                                                                                                                                                                                                    | Extension Riser                                                                                                                                                                                                                                              | Flow Control Extension                                                                                                                                                                                                                                                                                                                                                                               | Standards Conformance                                                                                                                                                                                                                                                                                                                                                                                                                                   | Listings                                                                                                                                                                                                                                                                                                                                                | Thermal Capability                    | Remarks                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <ul style="list-style-type: none"> <li>• Check local codes for acceptance of in-floor installation</li> <li>• Finish to floor level accommodating requisite materials, E.G. Tile, mortar, etc.</li> </ul> | N/A                                                                                                                                                                                                                                                          | N/A                                                                                                                                                                                                                                                                                                                                                                                                  |      <p>* Excluding 7 GPM</p> |             | Continuous discharge at 104°C (220°F) | <b>3-Part Master Format Specifications, CAD drawings &amp; BIM drawings available at</b><br><br><b>Installation Guide contact</b><br>tech-support@endurainterceptor.com   |
|  <ul style="list-style-type: none"> <li>• Finish to floor level accommodating requisite materials, E.G. Tile, mortar, etc.</li> </ul>                                                                      |  <p><b>6" Modular riser</b></p> <ul style="list-style-type: none"> <li>- Measurement markings</li> <li>- Stackable up to 3 sets (18" Total)</li> <li>- 3920AX6</li> </ul>   |  <p><b>Sleeve kit for 3" model only, allows access to in-floor flow control device</b></p> <p>Custom length of SDR 35 or SDR 28 sewer pipe to be used for access sleeve</p> <ul style="list-style-type: none"> <li>- 3" 392203W, 6" SDR 35/28 sewer pipe diameter</li> </ul>                                        |                               |             | Continuous discharge at 104°C (220°F) | <b>3-Part Master Format Specifications, CAD drawings &amp; BIM drawings available at</b><br><br><b>Installation Guide contact</b><br>tech-support@endurainterceptor.com   |
| <b>On-Floor Installation Only</b>                                                                                                                                                                                                                                                           | N/A                                                                                                                                                                                                                                                          | N/A                                                                                                                                                                                                                                                                                                                                                                                                  |                          |          | Continuous discharge at 104°C (220°F) | <b>3-Part Master Format Specifications, CAD drawings &amp; BIM drawings available at</b><br><br><b>Installation Guide contact</b><br>tech-support@endurainterceptor.com  |
|  <ul style="list-style-type: none"> <li>• Finish to floor level accommodating requisite materials, E.G. Tile, mortar, etc.</li> </ul>                                                                    |  <p><b>6" Modular riser</b></p> <ul style="list-style-type: none"> <li>- Measurement markings</li> <li>- Stackable up to 3 sets (18" Total)</li> <li>- 3925AX6</li> </ul> |  <p><b>Sleeve kit allows access to in-floor flow control device</b></p> <p>Custom length of SDR 35 or SDR 28 sewer pipe to be used for access sleeve</p> <ul style="list-style-type: none"> <li>- 3" 392203W, 6" SDR 35/28 sewer pipe diameter</li> </ul>                                                         |                     |     | Continuous discharge at 104°C (220°F) | <b>3-Part Master Format Specifications, CAD drawings &amp; BIM drawings available at</b><br><br><b>Installation Guide contact</b><br>tech-support@endurainterceptor.com |
|  <ul style="list-style-type: none"> <li>• Finish to floor level accommodating requisite materials, E.G. Tile, mortar, etc.</li> </ul>                                                                    |  <p><b>6" Modular riser</b></p> <ul style="list-style-type: none"> <li>- Measurement markings</li> <li>- Stackable up to 3 sets (18" Total)</li> <li>- 3935AX6</li> </ul> |  <p><b>Sleeve kit allows access to in-floor flow control device</b></p> <p>Custom length of SDR 35 or SDR 28 sewer pipe to be used for access sleeve</p> <ul style="list-style-type: none"> <li>- 3" 392203W, 6" SDR 35/28 sewer pipe diameter</li> <li>- 4" 392204W, 8" SDR 35/28 sewer pipe diameter</li> </ul> |                     |     | Continuous discharge at 104°C (220°F) | <b>3-Part Master Format Specifications, CAD drawings &amp; BIM drawings available at</b><br><br><b>Installation Guide contact</b><br>tech-support@endurainterceptor.com |
|  <ul style="list-style-type: none"> <li>• Finish to floor level accommodating requisite materials, E.G. Tile, mortar, etc.</li> </ul>                                                                    |  <p><b>6" Modular riser</b></p> <ul style="list-style-type: none"> <li>- Measurement markings</li> <li>- Stackable up to 3 sets (18" Total)</li> <li>- 3935AX6</li> </ul> |  <p><b>Sleeve kit allows access to in-floor flow control device</b></p> <p>Custom length of SDR 35 or SDR 28 sewer pipe to be used for access sleeve</p> <ul style="list-style-type: none"> <li>- 3" 392203W, 6" SDR 35/28 sewer pipe diameter</li> <li>- 4" 392204W, 8" SDR 35/28 sewer pipe diameter</li> </ul> |                     |     | Continuous discharge at 104°C (220°F) | <b>3-Part Master Format Specifications, CAD drawings &amp; BIM drawings available at</b><br><br><b>Installation Guide contact</b><br>tech-support@endurainterceptor.com |

# Dimensions

## Endura® 7GPM - 10GPM - 15GPM Models

**3907A02** 7GPM (0.44 LPS)

2" (51mm) connection

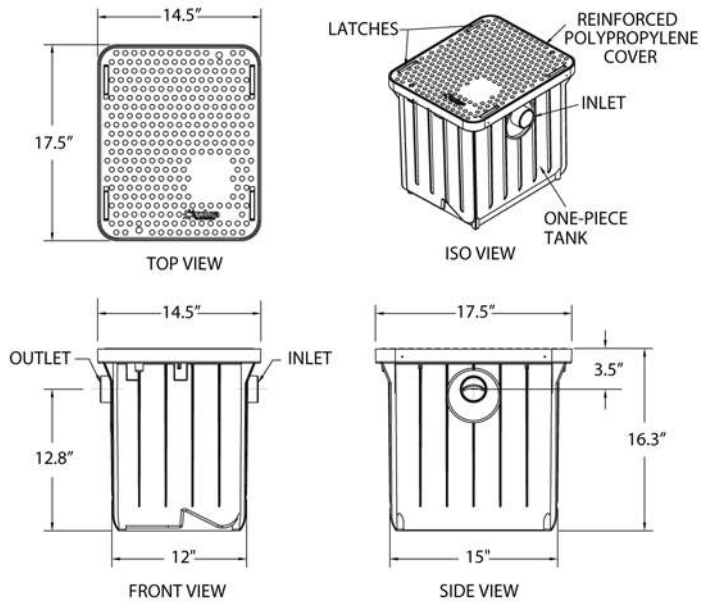
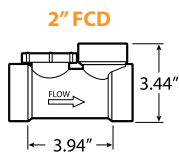
**3910A02** 10GPM (0.63 LPS)

2" (51mm) connection

**3915A02C** 15GPM (0.94 LPS)

2" (51mm) connection

Notes: ACCESSIBLE FLOW CONTROL DEVICE (FCD) IS SUPPLIED FOR INSTALLATION UPSTREAM OF THE GREASE INTERCEPTOR (GI) - 2" INLET/OUTLET MODELS

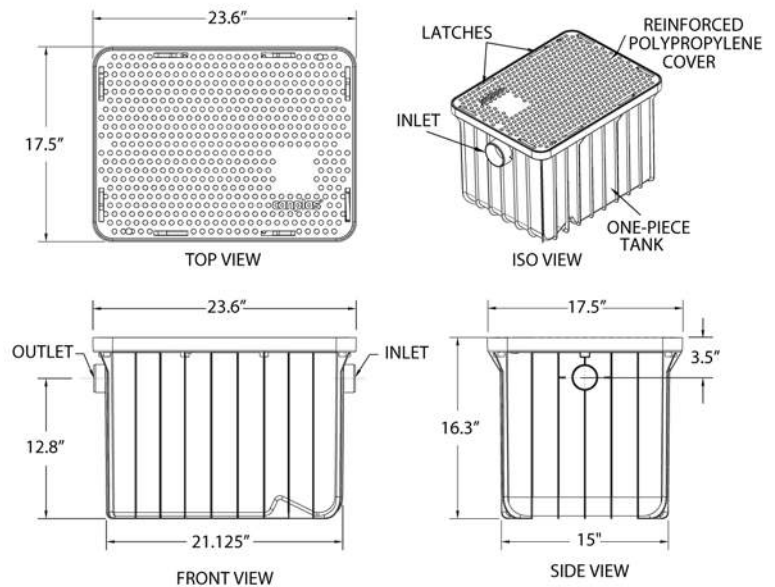
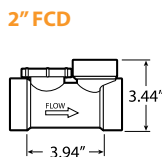


## Endura® 20GPM Models

**3920A02** 20GPM (1.26 LPS)

2" (51mm) connection

Notes: ACCESSIBLE FLOW CONTROL DEVICE (FCD) IS SUPPLIED FOR INSTALLATION UPSTREAM OF THE GREASE INTERCEPTOR (GI) - 2" INLET/OUTLET MODELS

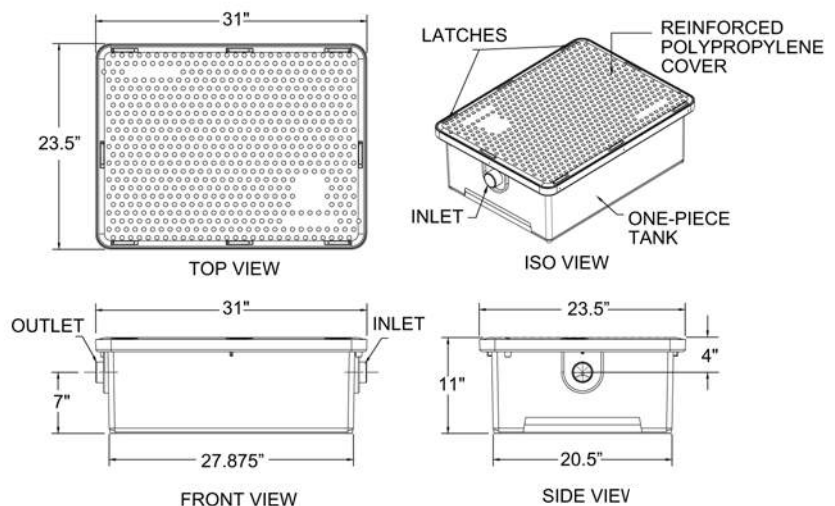
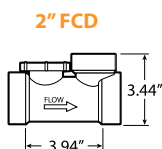


## Endura® Lo-PRO Grease Interceptor 25GPM Model

**3925A02LO** 25GPM (1.6 LPS)

2" (51mm) connection

Notes: ACCESSIBLE FLOW CONTROL DEVICE (FCD) IS SUPPLIED FOR INSTALLATION UPSTREAM OF THE GREASE INTERCEPTOR (GI) - 2" INLET/OUTLET MODEL



# Technical Data

## CAPACITIES

|                                                                        | Endura 7               | Endura 10              | Endura 15              | Endura 20            | Endura 25LO           | Endura 25                                              | Endura 35                    | Endura 50                    | Endura XL75                                  | Endura XL100                                 |
|------------------------------------------------------------------------|------------------------|------------------------|------------------------|----------------------|-----------------------|--------------------------------------------------------|------------------------------|------------------------------|----------------------------------------------|----------------------------------------------|
| • Part Number                                                          | 3907A02                | 3910A02                | 3915A02C               | 3920A02              | 3925A02LO             | 3925XTA02 (2")<br>3925XTA03 (3")                       | 3935A03 (3")<br>3935A04 (4") | 3950A03 (3")<br>3950A04 (4") | 4075A04<br>4075A04M                          | 40100A04<br>40100A04M                        |
| US Gallons Per 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)                     | 75 (4.74)                                    | 100 (6.3)                                    |
| Min. Grease Capacity - lb (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)                   | 150 (68.2)                                   | 200 (90.8)                                   |
| Grease Capacity Actual<br>(ASME A112.14.3) - lb (kg)<br>† NSF ES 15741 | 31.95 (14.49)          | 38.07 (17.28)          | 40.97 (18.58)          | 76.4 (34.65)         | 53.4 (24.22)          | 72.55 (32.90) (2")<br>73.01 (33.11) (3")               | 138.5 (62.8)                 | 122.07 (55.3)*               | 559 (253)†                                   | 1058 (480)†                                  |
| Average Efficiency % (ASME<br>A112.14.3)                               | 95.5%                  | 92.5%                  | 92.0%                  | 95.4%                | 97.1%                 | 96.7% (2")<br>97.3% (3")                               | 98.6%                        | 93.9%                        | >98%                                         | >98%                                         |
| Operating Temperature Capabilities                                     | 220°F<br>(104°C)       | 220°F<br>(104°C)       | 220°F<br>(104°C)       | 220°F<br>(104°C)     | 220°F<br>(104°C)      | 220°F<br>(104°C)                                       | 220°F<br>(104°C)             | 220°F<br>(104°C)             | 160°F<br>(71°C)                              | 160°F<br>(71°C)                              |
| Cover Load Rating- CSA B481.0<br>(Proof Load for Approval)             | L 440 lb<br>(200 kg)   | L 440 lb<br>(200 kg)   | L 440 lb<br>(200 kg)   | L 440 lb<br>(200 kg) | L 440 lb<br>(200 kg)  | L 440 lb<br>(200 kg)                                   | L 440 lb<br>(200 kg)         | L 440 lb<br>(200 kg)         | S 20,000 lb (9072 kg)<br>M 4000 lb (1814 kg) | S 20,000 lb (9072 kg)<br>M 4000 lb (1814 kg) |
| Unit Weight (Empty)                                                    | 15.8 lb<br>(7.17 kg)   | 15.8 lb<br>(7.17 kg)   | 15.8 lb<br>(7.17 kg)   | 23 lb<br>(10.4 kg)   | 23.9 lb<br>(10.85 kg) | 35.61 lb (16.153 kg) (2")<br>37.77 lb (17.136 kg) (3") | 45 lb<br>(20.4 kg)           | 60 lb<br>(27.2 kg)           | 233 lb<br>(106 kg)                           | 283 lb<br>(128 kg)                           |
| Liquid Capacity                                                        | 12.96 gal<br>(49.06 L) | 12.96 gal<br>(49.06 L) | 12.96 gal<br>(49.06 L) | 21.6 gal<br>(81.8 L) | 18.9 gal<br>(71.54 L) | 30.6 gal (115.83 L) (2")<br>29.5 gal (111.67 L) (3")   | 39.4 gal<br>(149.1 L)        | 52.0 gal<br>(197 L)          | 158 gal<br>(598 L)                           | 257 gal<br>(973 L)                           |
| Connection size<br>(mechanical joint only)                             | 2"                     | 2"                     | 2"                     | 2"                   | 2"                    | 2" (3925XTA02)<br>3" (3925XTA03)                       | 3" (3935A03)<br>4" (3935A04) | 3" (3950A03)<br>4" (3950A04) | 4"                                           | 4"                                           |

\* Not evaluated to breakdown capacity (PDI-G101)

**Grease Capacity Min - lb (kg):** Industry minimum grease capacity based on GPM flow rate. Requires minimum 2 lb of grease capacity for each GPM of flow.

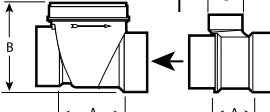
**Grease Capacity Actual - lb (kg):** Actual capacity at breakdown when tested to ASME A112.14.3 / NSF ES 15741 as indicated.

## Dimensions - Flow Control Device Assembly

### 1 Piece Compact Flow Control

| Connection<br>Iron Pipe<br>Size (Solvent<br>weld) | Compact<br>2" h x h |  |
|---------------------------------------------------|---------------------|--|
| A                                                 | 3.94"<br>(100mm)    |  |
| B                                                 | 3.44"<br>(87.4mm)   |  |
| C                                                 | -                   |  |

### 2 Piece Flow Controls (3" Version Illustrated)

|                                                   | Flow Control Body |                    |                    | Air Intake Tee                                                                       |  |                    |                   |                       |
|---------------------------------------------------|-------------------|--------------------|--------------------|--------------------------------------------------------------------------------------|--|--------------------|-------------------|-----------------------|
| Connection<br>Iron Pipe<br>Size (Solvent<br>weld) | 2" h x h          | 3" h x h           | 4" h x h           |  |  | 3" spg x h         | 4" spg x h        | XL Models<br>4" h x h |
| A                                                 | 3"<br>(76.2mm)    | 4.23"<br>(107.4mm) | 6.13"<br>(155.7mm) |  |  | 2.67"<br>(67.8mm)  | 3.19"<br>(81mm)   | 3.19"<br>(81mm)       |
| B                                                 | 3.84"<br>(97.5mm) | 5.93"<br>(151mm)   | 6.84"<br>(173.7mm) |                                                                                      |  | 4.01"<br>(101.9mm) | 5.04"<br>(128mm)  | 5.04"<br>(128mm)      |
| C                                                 | -                 | -                  | -                  |                                                                                      |  | 2.27"<br>(57.7mm)  | 2.72"<br>(69.1mm) | 2.72"<br>(69.1mm)     |

NOTE: Endura® XL models are supplied as standard with an internal flow control. External flow controls are available separately.

## Flow Control

Key to hydromechanical function and performance is flow control. If designing for compliance with PDI-G101 an external flow control(s) SHALL be required as part of the design and installation. Where acceptable to the Authority Having Jurisdiction, internal means of flow control can be employed providing that the interceptor is approved to the currently published version of ASME A112.14.3 -Type C or D. Any method of flow control SHALL be accessible once in operation for cleaning and maintenance purposes. The Endura® external flow control device can be recessed into the floor if required. Extension sleeves available. (See Page 5)

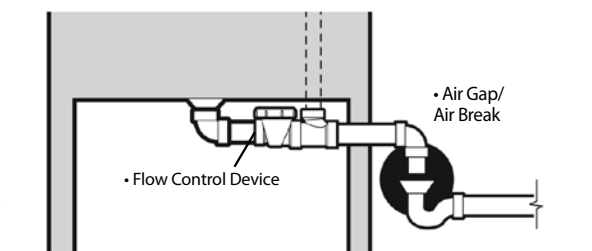
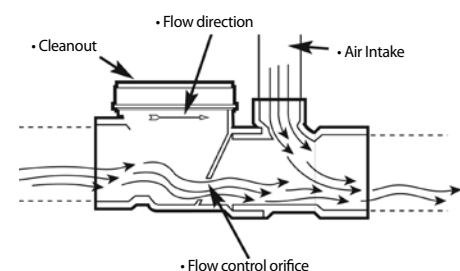
### Flow Control Location – Indirect Connection:



Where required to be installed as an indirect plumbing system, the initial means of flow control SHALL be installed upstream of the air gap to prevent overflow during fixture/appliance discharge.

Some local jurisdictions require warewashing installations to be made on an indirect basis incorporating an air gap.

An air gap prevents back up of contaminated water into the sinks/appliances in the event of a system back flow. The flow control device must be incorporated before the indirect connection to prevent overflow occurring during high/maximum waste water discharge. If an air gap is located within 6" of flow control device\*, installation of the air intake tee is optimal. (\*Verify with Authority Having Jurisdiction)



# Specifications

Endura® brand products are manufactured by Canplas Industries Ltd

## SECTION 22 13 23 GREASE INTERCEPTORS

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### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

- A. Grease interceptors (Hydromechanical).

#### 1.2 RELATED SECTIONS

- A. Section 22 13 00 – Facility Sanitary Sewerage.

#### 1.3 REFERENCES

- A. CAN/CSA-B481.1: Testing and Rating of Grease Interceptors using Lard.
- B. PDI G101: Testing and Rating Procedure for Hydromechanical Grease Interceptors.
- C. ASME A112.14.3: Grease Interceptors.

#### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.

#### 1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum five (5) years of experience manufacturing similar products.
- B. Installer Qualifications: Minimum two (2) years of experience installing similar products.

#### 1.6 PRE-INSTALLATION MEETINGS

- A. Convene minimum two weeks prior to starting Work of this section.

#### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
- B. Handling: Handle materials to avoid damage.

#### 1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

#### 1.9 SEQUENCING

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

#### 1.10 WARRANTY

- A. Endura® Grease Interceptors (7-50 GPM) and Solids Interceptor products as manufactured by Canplas Industries Ltd shall be supported by a 10 year manufacturer's extended warranty.
- B. Endura®XL Grease Interceptors as manufactured by Canplas Industries Ltd shall be supported by a manufacturer's limited lifetime warranty.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Canplas Industries Ltd., which is located at: ; Canada; 500 Veterans Dr. P.O. Box 1800; Barrie, ON, Canada L4M 4V3; Toll Free Tel: 800-461-1771; Tel: 705-726-3361; Fax: 705-726-2186;

Email: tech-support@endurainterceptor.com;

- B. Substitutions: Not permitted.

- C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

#### 2.2 GREASE MANAGEMENT

- A. Endura® Grease Interceptors and Solids Interceptor products shall be from a single source of manufacture, Canplas Industries Ltd. These products may be offered nationally, regionally or locally by wholesale or retail distributors.

#### 2.3 GREASE INTERCEPTORS

- A. **Product: Endura® Compact Grease Interceptor 7-15 GPM as manufactured by Canplas Industries Ltd.**

- 1. The unit shall be comprised of engineered thermoplastics to withstand operational temperatures up to 220 degree F (104 degree C) comprising a pedestrian rated cover capable of supporting 440 lb (200 kg) and incorporating an operationally air tight seal. The cover shall also utilize a quick access latching system to functionally retain and secure the cover to the tank, but allow consistent removal and replacement of the cover without operational compromise. Functional elements such as baffles will be made of material that prevents corrosion or deterioration and shall be easily removable for the purposes of maintenance, providing unrestricted upstream and downstream drain access. The grease interceptor shall be certified to the current version of the PDI-G101, ASME A112.14.3 or CSA B481.1 and where locally applicable have UPC listing.
  - a. A flow control device with integrated air intake and tool-less access to the orifice in service shall be provided with the interceptor.

- 2. **Model 3907A02 - Endura® 7GPM/14LB**

**(No-Hub connection – Mechanical Joint coupling).**

**Model 3907A02T - Endura® 7GPM/14LB (Threaded connection).**

**Model 3907A02S - Endura® 7GPM/14LB (Spigot connection).**

- a. Flow Rate: 7 US Gallons per Minute (0.44 L per second).
- b. Average Efficiency % (ASME 112.14.3): 95.5%.
- c. Minimum Grease Capacity: 14 lb (6.35 kg).
- d. Grease Capacity Actual: 31.95 lb (14.49 kg).
- e. Unit Weight (Empty): 13.8 lb (6.26 kg).
- f. Liquid Capacity: 12.96 gal (49.06 L).
- g. Connection size: 2 inches (51 mm)

- 3. **Model 3910A02 - Endura® 10GPM/20LB**

**(No-Hub connection – Mechanical Joint coupling)**

**Model 3910A02T - Endura® 10GPM/20LB (Threaded connection).**

**Model 3910A02S - Endura® 10GPM/20LB (Spigot connection).**

- a. Flow Rate: 10 US Gallons per Minute (0.63 L per second).
- b. Average Efficiency % (ASME 112.14.3): 92.5%.
- c. Minimum Grease Capacity: 20 lb (9.07 kg).
- d. Grease Capacity Actual: 38.1 lb (17.28 kg).
- e. Unit Weight (Empty): 13.8 lb (6.26 kg).
- f. Liquid Capacity: 12.96 gal (49.06 L).
- g. Connection size (mechanical): 2 inches (51 mm).

- 4. **Model 3915A02C - Endura® 15GPM/30LB**

**(No-Hub connection – Mechanical Joint coupling)**

**Model 3915A02CT - Endura® 15GPM/30LB (Threaded connection).**

**Model 3915A02CS - Endura® 15GPM/30LB (Spigot connection).**

- a. Flow Rate: 15 US Gallons per Minute (0.94 L per second).
- b. Average Efficiency % (ASME 112.14.3): 92%.
- c. Minimum Grease Capacity: 30 lb (13.6 kg).
- d. Grease Capacity Actual: 40.97 lb (18.58 kg).
- e. Unit Weight (Empty): 13.8 lb (6.26 kg).
- f. Liquid Capacity: 12.96 gal (49.06 L).
- g. Connection size: 2 inches (51 mm).

- B. **Product: Endura® Grease Interceptor 20 GPM as manufactured by Canplas Industries Ltd.**

- 1. The unit shall be comprised of engineered thermoplastics to withstand operational temperatures up to 220 degree F (104 degree C) comprising a pedestrian rated cover capable of supporting 440 lb (200 kg) and incorporating an operationally air tight seal. The cover shall also utilize a quick access latching system to functionally secure and retain the cover to the tank, but allow consistent removal and replacement of the cover without operational compromise. Functional