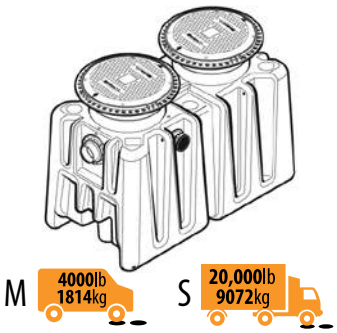
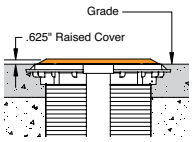
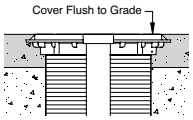
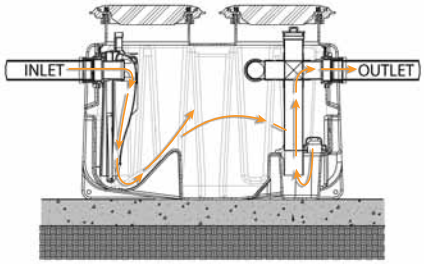
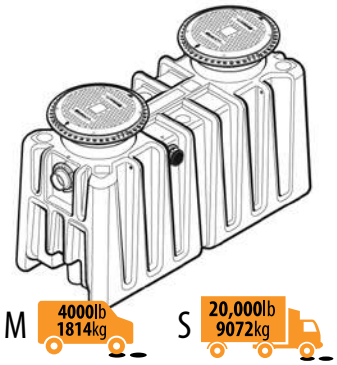
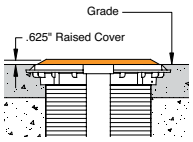
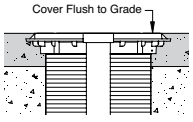
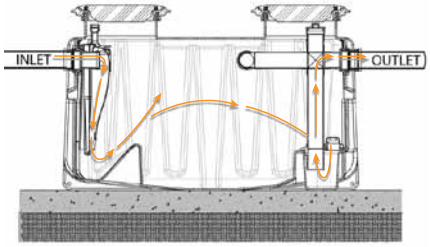
# Model Chart

| Product | Description | Connection Size | Access Covers | On-Floor |
|---|---|---|---|---|
|  <br>**Endura® XL Grease Interceptor**<br>- **XL75 – 75GPM 4075A04(T)**<br>- **XL75 – 75GPM 4075A04M(T)** | - 559lb Grease Capacity >98% Efficiency<br>- Dynamic Inlet Baffle – Internal flow Control (Supplied Standard)<br>· Optional External flow control (PDI G101)<br>· Seamless Tank – Rotationally moulded using up to 100% recompounded material<br>· Dual Access Covers<br>- Mechanically secured<br>- Traffic rated CSA B481.0 Type 'S'<br>- Pedestrian/Light Traffic CSA B481.0 Type 'M'<br>· Airtight/Watertight cover, frame and adjustable riser system<br>· Limited Lifetime Warranty | Inlet - 4" Sch40 DWV<br>Outlet – 4" Sch40 DWV<br>FTP 4" Optional for Inlet & Outlets (Suffix 'T')<br>Outlet (Side) – 4" SDR35 Sewer<br>  <br>Connected using mechanical joint couplings allowing for use of various piping materials.<br>Consult local code for connection format compliance. | Traffic Rated<br>CSA B481.0 Type 'S'<br>  <br>Pedestrian/Light Traffic Rated<br>CSA B481.0 Type 'M'<br>  |  |
|  <br>**Endura® XL Grease Interceptor**<br>- **XL100 – 100GPM 40100A04(T)**<br>- **XL100 – 100GPM 40100A04M(T)** | - 1058lb Grease Capacity >98% Efficiency<br>- Dynamic Inlet Baffle – Internal flow Control (Supplied Standard)<br>· Optional External flow control (PDI G101)<br>· Seamless Tank – Rotationally moulded using up to 100% recompounded material<br>· Dual Access Covers<br>- Mechanically secured<br>- Traffic rated CSA B481.0 Type 'S'<br>- Pedestrian/Light Traffic CSA B481.0 Type 'M'<br>· Airtight/Watertight cover, frame and adjustable riser system<br>· Limited Lifetime Warranty | Inlet - 4" Sch40 DWV<br>Outlet – 4" Sch40 DWV<br>FTP 4" Optional for Inlet & Outlets (Suffix 'T')<br>Outlet (Side) – 4" SDR35 Sewer<br>  <br>Connected using mechanical joint couplings allowing for use of various piping materials.<br>Consult local code for connection format compliance. | Traffic Rated<br>CSA B481.0 Type 'S'<br>  <br>Pedestrian/Light Traffic Rated<br>CSA B481.0 Type 'M'<br>  |  |

## Dimensions - XL models

### Endura® XL 75GPM Models

**TRAFFIC RATED**

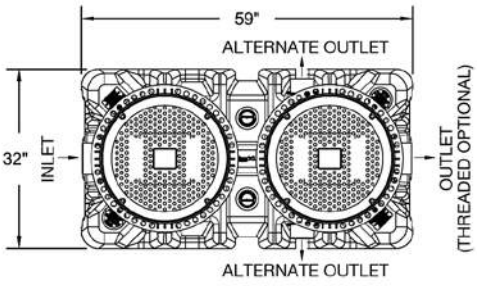
**4075A04**
75GPM (4.74 LPS)
4" (110 mm) no hub connection

**4075A04T**
75GPM (4.74 LPS)
4" (110 mm) female threaded connection (FPT)

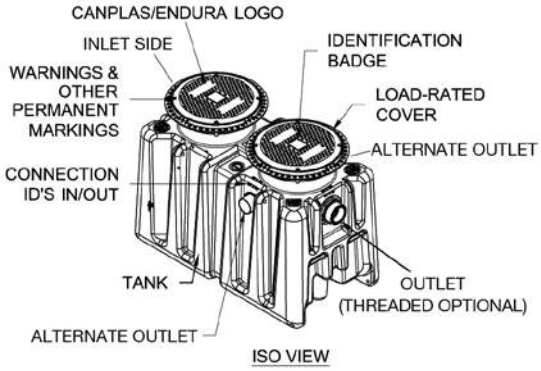
**PEDESTRIAN / LIGHT TRAFFIC**

**4075A04M**
75GPM (4.74 LPS)
4" (110 mm) no hub connection

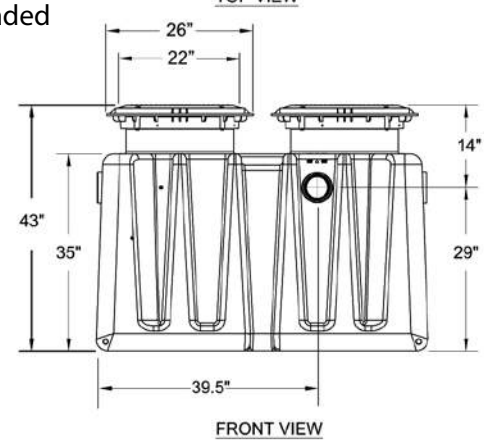
**4075A04MT**
75GPM (4.74 LPS)
4" (110 mm) female threaded connection (FPT)



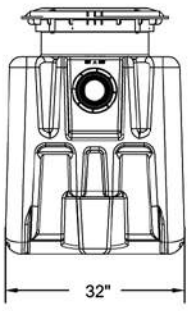
TOP VIEW



ISO VIEW



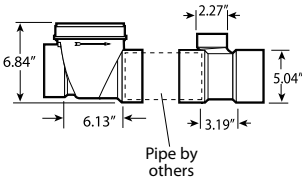
FRONT VIEW



SIDE VIEW

Notes: ACCESSIBLE FLOW CONTROL DEVICE (FCD) IS SUPPLIED FOR INSTALLATION UPSTREAM OF THE GREASE INTERCEPTOR (GI)
-4" INLET/OUTLET MODELS

**4" External FCD**



# Technical Data

## CAPACITIES

| • Part Number | Endura 7<br>3907A02 | Endura 10<br>3910A02 | Endura 15<br>3915A02C | Endura 20<br>3920A02 | Endura 25LO<br>3925A02LO | Endura 25<br>3925XTA02 (2″)<br>3925XTA03 (3″) | Endura 35<br>3935A03 (3″)<br>3935A04 (4″) | Endura 50<br>3950A03 (3″)<br>3950A04 (4″) | Endura XL75<br>4075A04<br>4075A04M | Endura XL100<br>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 (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 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 (104˚C) | 220˚F (104˚C) | 220˚F (104˚C) | 220˚F (104˚C) | 220˚F (104˚C) | 220˚F (104˚C) | 220˚F (104˚C) | 220˚F (104˚C) | 160˚F (71˚C) | 160˚F (71˚C) |
| **Cover Load Rating- CSA B481.0 (Proof Load for Approval)** | **L** 440 lb (200 kg) | **L** 440 lb (200 kg) | **L** 440 lb (200 kg) | **L** 440 lb (200 kg) | **L** 440 lb (200 kg) | **L** 440 lb (200 kg) | **L** 440 lb (200 kg) | **L** 440 lb (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 (7.17 kg) | 15.8 lb (7.17 kg) | 15.8 lb (7.17 kg) | 23 lb (10.4 kg) | 23.9 lb (10.85 kg) | 35.61 lb (16.153 kg) (2″)<br>37.77 lb (17.136 kg) (3″) | 45 lb (20.4 kg) | 60 lb (27.2 kg) | 233 lb (106 kg) | 283 lb (128 kg) |
| **Liquid Capacity** | 12.96 gal (49.06 L) | 12.96 gal (49.06 L) | 12.96 gal (49.06 L) | 21.6 gal (81.8 L) | 18.9 gal (71.54 L) | 30.6 gal (115.83 L) (2″)<br>29.5 gal (111.67 L) (3″) | 39.4 gal (149.1 L) | 52.0 gal (197 L) | 158 gal (598 L) | 257 gal (973 L) |
| **Connection size (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″ |

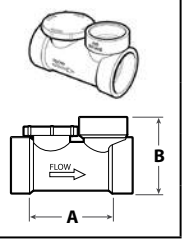
* Not evaluated to breakdown capacity (PDI-G101)

**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**

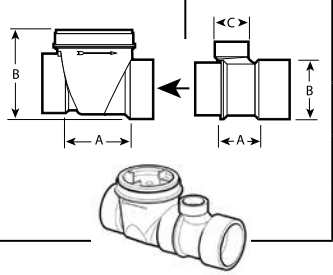
| Connection Iron Pipe Size (Solvent weld) | Flow Control & Air Intake Combined<br>Compact<br>2″ h x h |
|---|---|
| A | 3.94″ (100mm) |
| B | 3.44″ (87.4mm) |
| C | - |




**2 Piece Flow Controls** (3″ Version Illustrated)

AIR INTAKE TEE on XL models 4″ hxh

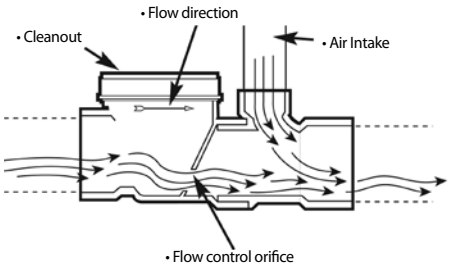
| Connection Iron Pipe Size (Solvent weld) | Flow Control Body<br>2″ h x h | <br>3″ h x h | <br>4″ h x h | Air Intake Tee<br>3″ spg x h | <br>4″ spg x h | <br>XL Models 4″ h x h |
|---|---|---|---|---|---|---|
| A | 3″ (76.2mm) | 4.23″ (107.4mm) | 6.13″ (155.7mm) | 2.67″ (67.8mm) | 3.19″ (81mm) | 3.19″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

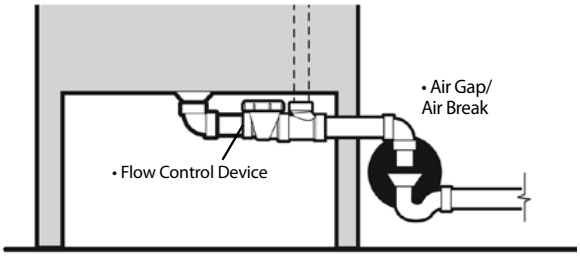



## Flow Control Location – Indirect Connection:

**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)



risers per installation (18" maximum height adjustment) Provide with 1 inch markers/ribs on riser to aid height adjustment. All installation components to be supplied by the manufacturer.
1) Model 3935AX6 (Riser extension)
a) 1"-6" per riser

**E. Product: Endura® Grease Interceptor 50 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 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 3950A03 - Endura® 50GPM/100LB (No-Hub connection – Mechanical Joint coupling) Model 3950A03T - Endura® 50GPM/100LB (Threaded Connection) Model 3950A03S - Endura® 50GPM/100LB (Spigot Connection)**
a. Flow Rate: 50 US Gallons per Minute (3.15 L per second).
b. Minimum Grease Capacity: 100 lb (45.5 kg).
c. Grease Capacity Actual: 122.07 lb (55.3 kg).
d. Average Efficiency % (ASME 112.14.3): 93.9%.
e. Unit Weight (Empty): 60 lb (27.2 kg).
f. Liquid Capacity: 52 gal (197 L).
g. Connection size: 3 inches (76 mm)
h. Optional solids basket accessory Model 3911A-1.
i. Modular Riser Extensions: For use with in-floor installations; sized during installation to project requirements. Use up to three (3) full risers per installation (18" maximum height adjustment) Provide with 1 inch markers/ribs on riser to aid height adjustment. All installation components to be supplied by the manufacturer.
1) Model 3935AX6 (Riser extension)
a) 1"-6" per riser

**3. Model 3950A04 - Endura® 50GPM/100LB (No-Hub connection – Mechanical Joint coupling) Model 3950A04T - Endura® 50GPM/100LB (Threaded Connection) Model 3950A04S - Endura® 50GPM/100LB (Spigot Connection)**
a. Flow Rate: 50 US Gallons per Minute (3.15 L per second).
b. Minimum Grease Capacity: 100 lb (45.5 kg).
c. Grease Capacity Actual: 122.07 lb (55.3 kg).
d. Average Efficiency % (ASME 112.14.3): 93.9%.
e. Unit Weight (Empty): 60 lb (27.2 kg).
f. Liquid Capacity: 52 gal (197 L).
g. Connection size: 4 inches (102 mm).
h. Optional solids basket accessory Model 3911A-1.
i. Modular Riser Extensions: For use with in-floor installations; sized during installation to project requirements. Use up to three (3) full risers per installation (18" maximum height adjustment) Provide with 1 inch markers/ribs on riser to aid height adjustment. All installation components to be supplied by the manufacturer.
1) Model 3935AX6 (Riser extension)
a) 1"-6" per riser

**F. Product: Endura®XL Grease Interceptor 75 GPM Grease Interceptor as manufactured by Canplas Industries Ltd.**

**1.** The unit shall be comprised of engineered thermoplastics to withstand withstanding prolonged intermittent influent discharge temperatures of 160 degree F (71 degree C) comprising of two load rated covers capable of exceeding loads of 20,000 lb (9072 kg) and incorporating an operationally air tight seal. The covers shall also utilize four (4) mechanical fasteners to functionally secure and retain the covers 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. An integrated flow control device (Internal) with access to the orifice in service shall be provided with the interceptor.
b. An alternate flow control device (External) shall be supplied where required by authority having jurisdiction. External flow control device shall be accessible in operation; and when installed, the internal flow control orifice supplied as standard shall be removed.

**2. Model 4075A04 - Endura®XL 75GPM/150LB (No-Hub connection – Mechanical Joint coupling) Model 4075A04T - Endura®XL 75GPM/150LB (Threaded connection)**
a. Flow Control (Internal)
b. Flow Control (External):
1) Model 4044275A (Hub connection)
2) Model 4044275AT (Threaded connection)
c. Flow Rate: 75 US Gallons per Minute (4.7 L per second)
d. Minimum Grease Capacity: 150 lb (68 kg)
e. Grease Capacity Actual: 559 lb (254 kg)
f. Average Efficiency % (ASME 112.14.3 / NSF ES 15741): >98%
g. Unit Weight (Empty): 233 lb (106 kg)
h. Liquid Capacity: 158 gallons (598 L)
i. Connection size: 4 inches (102mm)
j. Traffic Rated Cover: Designed to comply with AASHTO 304 minimum design load - 16,000 lb (7257 kg).
k. Cover Load Capability: Tested and third party approved based on CSA Class 'S' (Special duty) requirements. Proof load minimum 20,000 lb (9072 kg). To validate performance in external applications testing shall include evaluation for elevated and sub-zero temperatures.
l. Extension Risers: For use below grade; sized to project requirements. Provide with 1 inch markers/ribs on riser and flanged bottom to interlock to frame. All installation components to be supplied by the manufacturer (outlet extension adaptors, seals and mechanical fasteners). Pipe for handle extension by others.
1) Model 40100AX35 (Riser extension pair – long format)
a) 4"-35" per riser
2) Model 40100AX18 (Riser extension pair – short format)
a) 4" – 18" per riser

**3. Model 4075A04M - Endura®XL 75GPM/150LB (No-Hub connection – Mechanical Joint coupling) Model 4075A04MT - Endura®XL 75GPM/150LB (Threaded connection)**
a. Flow Control (Internal)
b. Flow Control (External):
1) Model 4044275A (Hub connection)
2) Model 4044275AT (Threaded connection)
c. Flow Rate: 75 US Gallons per Minute (4.7 L per second)
d. Minimum Grease Capacity: 150 lb (68 kg)
e. Grease Capacity Actual: 559 lb (254 kg)
f. Average Efficiency % (ASME 112.14.3 / NSF ES 15741): >98%
g. Unit Weight (Empty): 233 lb (106 kg)
h. Liquid Capacity: 158 gallons (598 L)
i. Connection size: 4 inches (102mm)
j. Cover Load Capability: Tested and third party approved based on CSA Class 'M' (Medium duty) requirements. Proof load minimum 4000 lb (1814 kg). To validate performance in external applications testing shall include evaluation for elevated and sub-zero temperatures.
l. Extension Risers: For use below grade; sized to project requirements. Provide with 1 inch markers/ribs on riser and flanged bottom to interlock to frame. All installation components to be supplied by the manufacturer (outlet extension adaptors, seals and mechanical fasteners). Pipe for handle extension by others.
1) Model 40100AX35 (Riser extension pair – long format)
a) 4"-35" per riser
2) Model 40100AX18 (Riser extension pair – short format)
a) 4" – 18" per riser