

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