

Hydromechanical Grease Management

endura[®] XL Grease Trap

Engineered
for **Easy**

*Multi-User input was key
in the development of the
Endura XL models*

Product experience, manufacturing and distribution expertise, we blended this with the operational needs of the industry to ensure whatever your interaction with Endura XL, **Grease Management is made easy for you!**



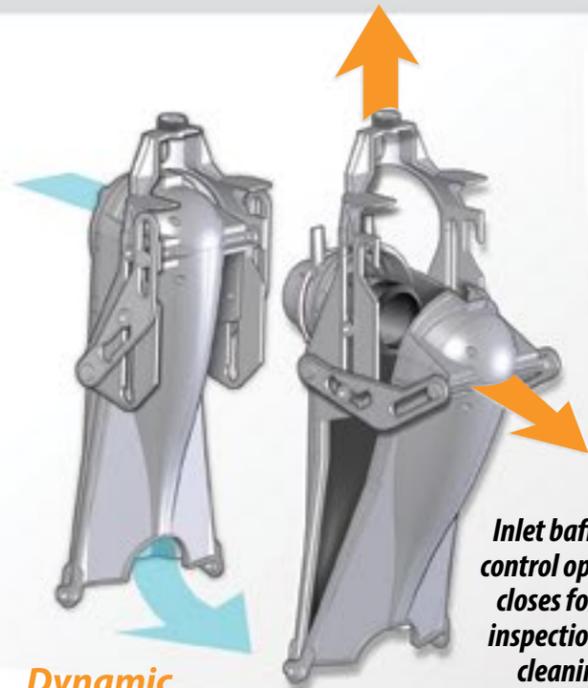
 **endura**[®]
XL100

 **endura**[®]
XL75



Building on a field proven approach to grease management

For over a decade, Endura has been one of the highest performing hydromechanical grease traps in North America. The Endura line carries a number of international patents and offers solutions from 26 L/min through to 380 L/min with the addition of the Endura XL models. Dux are proud to distribute this range in New Zealand.



Inlet baffle/flow control opens and closes for easy inspection and cleaning

Dynamic Inlet Baffle

The Dynamic Inlet Baffle is unique not only to Endura XL but also the industry. The simple pull-push action, opens and closes the baffle providing unrivaled access for inspection and cleaning. The handle can also be extended for deeper below grade installations using regular fittings (supplied with kit) ensuring that accessibility is maintained.

Supplied with Internal Flow Control - External Option

Integrated Flow Control

Like most hydromechanical traps, Endura XL uses a flow control orifice to manage the waste water entering the unit. Mounted on the front section of the baffle, the internal flow control plate moves away from the inlet pipe giving opportunity for visual inspection and cleaning as required. This action also opens the upstream line to its full diameter, allowing any accumulated debris to pass into the tank, where it can be removed.

Where preferred by local council, the Endura XL can be installed with an external flow control device. NOTE: the internal flow control must be removed if an external flow control is fitted.

Molded Tie Down Points

No Hub or Threaded Connection

Manual Lifting Points

Solids Retention Area

Passing over the ramp, any solids or debris separate by gravity into the defined solids retention area. This significantly reduces the likelihood of grease-laden particles from exiting the interceptor.

Remote Pump Ready

Balanced Air Environment

Internal Flow Control
Grease Separation Zone
Dynamic Inlet Baffle
Diffuser Ramp

Solids Retention Area

Smart Tank Design

Odor & Watertight Joints

Pedestrian Cover Available

Load Rated Cover

Cut to Suit Gasketed Extension Risers

Air Balance/Sampling Cap

Pre-Plumbed Outlet Options

- Multiple Patents Pending



Load Rated Covers

The XL covers use high grade thermoplastic for strength, durability and chemical resistance. The seal is recessed in the cover for security and protection. Light trafficable access covers have a load rating of 4,536kg and minimum load for approval of 9,072kg (Class B rating - AS3996). Pedestrian access covers have a load rating of 907kg and minimum load for approval of 1,814kg (Class A rating - AS3996).

Riser Extensions

There are often applications where deeper burial of the trap is necessary. The XL 'cut to length' riser extension is supplied with an additional frame and interfaces directly with the tank. The original cover is removed and relocated to the top of the extension.

Balanced Air Environment

Endura XL features an internal balanced air environment. This ensures that the air movement necessary for the efficient function of the trap and connected drainage system are maintained. This function is also key to air entrapment when flow enters the unit.

Factory Plumbed 3-Way Outlets

Installation throws you a challenge now and again. The Endura XL models feature three pre-plumbed outlet options for straight through, or side outlet drainage connections. Simply choose your most convenient outlet connection and seal the other two with the caps provided.

Integrated Effluent Sampling

With the removal of the cover above the XL outlet system, Access can be made to both the air balance/sampling cap. Removal of the cap provides direct access to the effluent stream for water quality sampling. This feature removes the need for additional downstream sampling ports. (Subject to local requirements)

Outlet Well Features

With the FOG and solids having been effectively separated, the waste water leaves the tank via our uniquely enclosed outlet well, the effluent being discharged to the downstream drain through one of three pre-plumbed tank outlets.



Specifier



Merchant



Plumber



Restaurant Operator



Inspector

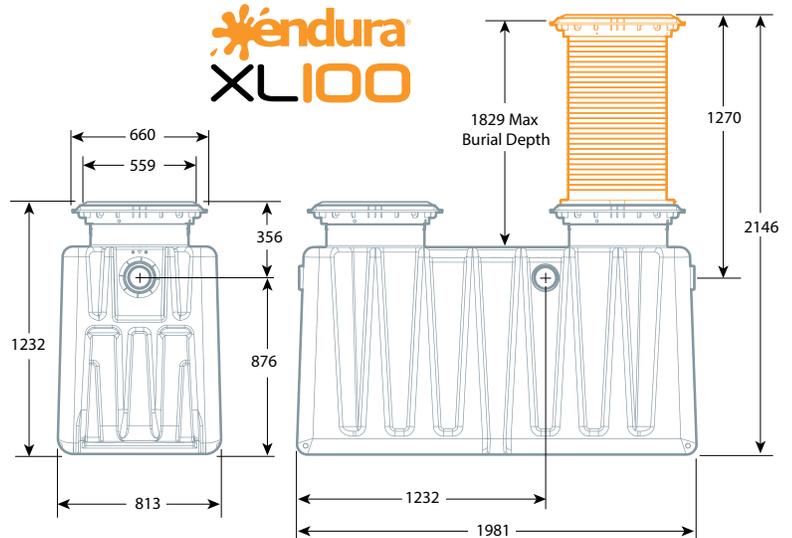
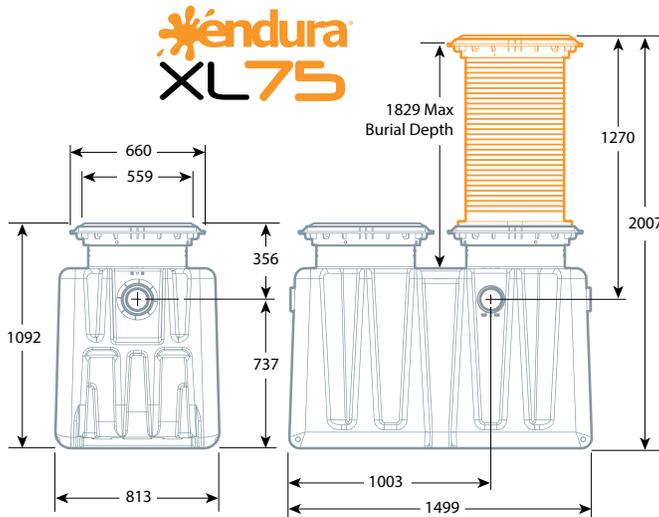


Service Agent

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Dimensions



All dimensions in mm. We reserve the right to make part modifications without prior notice. All Dimensions are for illustrative purposes only, temperature will cause some variations.

Capacities

	Endura XL75	Endura XL75P	Endura XL100	Endura XL100 P
Dux Code	DGT75	DGT75P	DGT100	DGT100P
Litres Per second - L/Sec	4.74	4.74	6.3	6.3
Min. Grease Capacity - kg	68.2	68.2	90.8	90.8
Grease Capacity Actual (ASME A112.14.3) - kg	253	253	480	480
Average Efficiency % (ASME A112.14.3)	>98%	>98%	>98%	>98%
Operating Temperature	71°C	71°C	71°C	71°C
Access Cover - Load Rating (AS3996)	4536 kg (Class B)	907 kg (Class A)	4536 kg (Class B)	907 kg (Class A)
Access Cover - Proof Load Test Rating (AS3996)	9072 kg (Class B)	1814 kg (Class A)	9072 kg (Class B)	1814 kg (Class A)
Unit Weight (Empty)	106 kg	106 kg	128 kg	128 kg
Liquid Capacity	598 L	598 L	973 L	973 L

Specification:

Contractor shall install an Endura[®] XL Hydromechanical Grease Trap (HGT) Part No. DGT75, DGT100, (identify as applicable). Where applicable the suffix P can be added to denote the specification requirement for flush to grade 907 kg access covers.

Where integrated flow control is preferred and acceptable to the Local Council Authority the trap shall be rated and approved to ASME A1122.14.3 – Type C. the flow control shall be accessible in operation for cleaning and inspection up to the maximum burial depth of 1829mm. Where adjustment to finished grade is required, contractor shall do so using the DGT75 or DGT100 to extend the tank risers per manufacturers instructions. The outlet system will provide facility for connections to be made perpendicular to the inlet connection. Connection formats will be compliant with the Local Council requirements. Contractor shall provide mechanical joint connectors or requisite materials to connect the grease trap to the drainage system.

Traps shall be furnished with two (2) traffic rated access covers, maximizing internal visibility for inspection and maintenance when removed. Covers shall be capable of withstanding a proof load exceeding 9072 kg, being certified for application at temperatures from -29° C to +38° C. the cover will be mechanically secured when operational.

The trap shall be constructed of seamless engineering thermoplastics, evaluated and approved to the material performance requirements of CSA B481.0. The trap shall be designed to operate based on an internally air-balanced environment to equalize pressure differentials under discharge and supported by a Limited Warranty. Endura[®] brand products are manufactured by Canplas Ltd. and distributed in New Zealand by Dux Industries both of which are Aliaxis Group Companies.