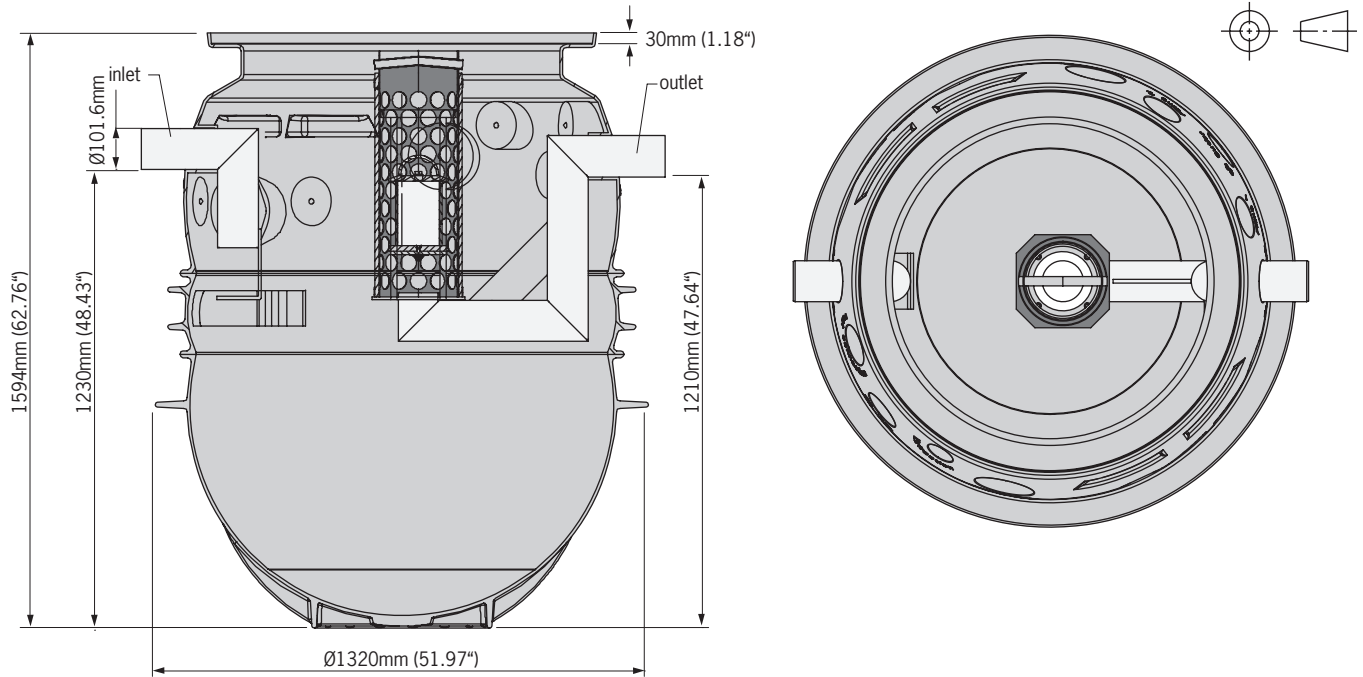


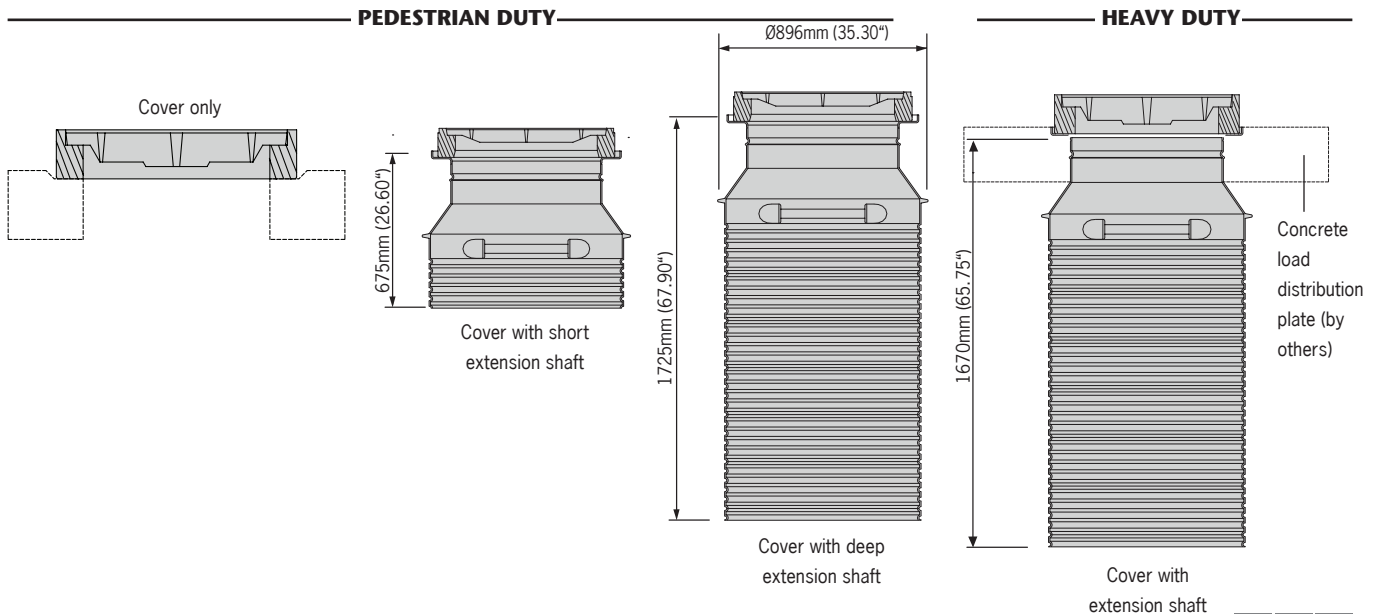
**Separator body**



Model number	Maximum flow*	Volume solids trap	Volume oil storage	Total capacity	Weight	Part No.
	L/s (gpm)	L (gal)	L (gal)	L (gal)	kg (lbs)	
NS3/670	3 (48)	670 (177)	240 (64)	995 (263)	82.8 (182.6)	3913.80.00

\* Maximum flow indicated is for optimum performance - under 5mg/L hydrocarbons in effluent; higher flows can run through separator

**Extension shafts & covers**

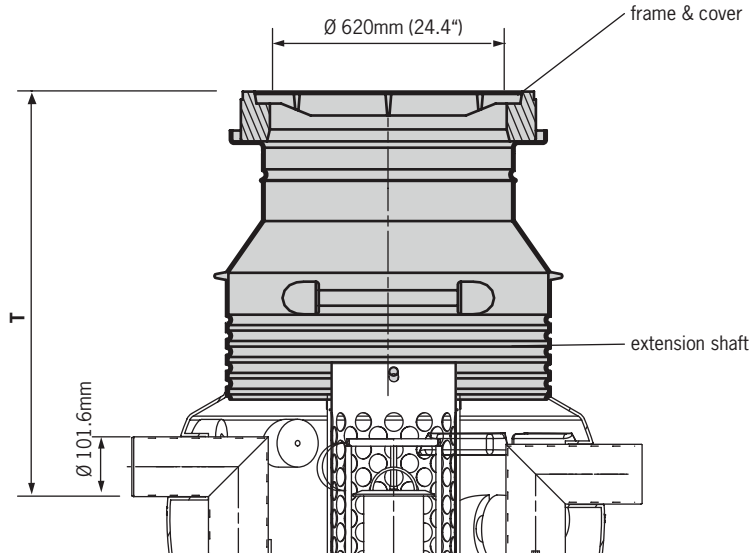


ACO Specification Information

**ACO ENVIRONMENT**

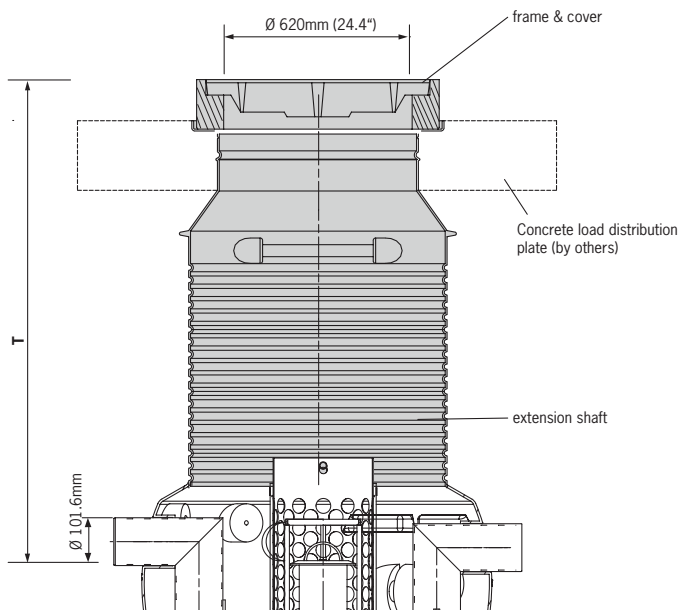
**NS3/670 OLEOPATOR P - MDPE vertical body oil-water separator**

**Pedestrian Duty Top**



	<b>T</b> mm (inches)	<b>Weight</b> kg (lbs)	<b>Part</b> <b>No.</b>
Cover only	585 (23.0)	244 (538.0)	<b>418969</b>
Cover & short extension shaft	900-1010 (35.4-39.8)	92 (202.8)	<b>418970</b>
Cover & deep extension shaft	900-1770(35.4-69.7)	111 (244.7)	<b>418971</b>

**Heavy Duty Top**



	<b>T</b> mm (inches)	<b>Weight</b> kg (lbs)	<b>Part</b> <b>No.</b>
Cover & extension shaft	880-1770 (34.6-69.7)	196 (432)	<b>418972</b>

**NOTE:** 1500mm (59in) diameter x 200mm (8in) thick concrete load distribution plate by others

**Specifications**

**General**

The oil water separator shall be **ACO Oleopator P NS3/670** complete with ductile iron cover as manufactured by ACO Systems, Ltd.

**Materials**

The separator body shall be manufactured from medium density polyethylene (HDPE) and have minimum properties as follows:

Tensile impact strength: 319 kJ/m<sup>2</sup> (152 ft-lb/in<sup>2</sup>)

Tensile strength, ultimate: 23,994 kpa (3,480 psi)

Water absorption 0.01%

Frost proof, salt proof and fuels and oils resistant

The oil separator shall be equipped with a coalescing unit and automatic shut-off valve for situations when maximum oil capacity is reached. Minimum oil storage capacity shall be 240 Liters (64 gal); minimum suspended solids storage capacity shall be 670 Liters (177 gal). Separator shall be resistant to uplift forces from underground water up to finished grade water table level. The oil separator should not require a concrete surround.

**Performance**

The effluent water should contain maximum 5mg/L (5ppm) for maximum designed flow. Independent performance testing should be available on request.

**Cover**

Cover shall be manufactured from ductile iron to ASTM A 536-84 – Grade 65-45-12 and have a minimum inside opening diameter of 600mm (24in). The cover should be marked 'Separator' on the top. The cover shall be capable of withstanding pedestrian / heavy vehicle traffic\*.

Distance from finished grade to inlet pipe invert (T) shall be . . . mm (. . . in). (see tables for values).

**Accessories**

The separator shall be equipped with high liquid level alarm / maximum oil capacity alarm / maximum suspended solids capacity alarm\*\* systems.

**Installation**

Separator shall be installed in strict accordance with the manufacturer's installation instructions and recommendations.

\* Choose one / \*\* Choose none, one or more

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