



SWA OIL SEPARATORS

SWA WATER AUSTRALIA designs, manufactures and constructs industrial waste water treatment plants and manufactures industrial oil separators, solids separators & DAF units. In recent years companies within the SWA Water Group of Companies have manufactured hundreds of Oil Separators, solids separators & DAF units. These projects range from very small separators for workshops and service stations to large oil refineries; from small food processing plants to large abattoirs. SWA has a range of CPI style Oil Separators available as Cross Flow Interceptor (CFI) and Tilted Plate Interceptor (TFI) parallel plate gravity separators.



SWA 50 cu.m/h Oil Separator

Material available include:

- Standard material SS304
- Alternative materials available:
 - SS316
 - Painted carbon steel
 - Painted stainless steel
 - Duplex & super duplex stainless steel
- Modular Plate Packs for installation into concrete tanks
- Stainless steel and GRP plate packs



SWA Oil Separator Plate Packs



SWA 120 cu.m/h Oil Separator

SWA Oil Separators Range:

- Commercial range, from 1.5 m³/h to 5 m³/h
- Industrial range, from 10 m³/h up to 500 m³/h

SWA Oil Separators at a glance:

- Treated effluent free oil content < 10 mg/l standard
Separators also available for < 5mg/l treated effluent free oil content.
- No moving parts within the oil separator
- More than 200 Oil Separators made in last two years
- Low maintenance, low operating cost, high efficiency
- Chemical and thermal emulsion breaking units
- Pilot Plants available

WATER & WASTE WATER ENGINEERS

PROCESS DESIGN & CONTROL

Customising options include:

- Integral waste oil tank
- HLA in waste oil tank
- Pre-chambers for removal of grit and heavy solids
- Removable lids
- Gas blanketing

Some clients include:

- Alstom - Oman Power Station
- Alstom - Utran Power Station, India
- Bilfinger Berger Services Aust
Vopak Fuel Terminal Port Botany
Sydney

SWA Oil Separators For:

- Aircraft washing
- Car washes
- Chemical manufacturing
- Engineer re-conditionin
- Heavy duty washing
- Motor repair workshops
- Oil refineries
- Palm oil
- Paint manufacture
- Power stations
- Steel works
- Service stations
- Tank farm
- Transformer yards

What makes SWA's Oil Separators better than others?

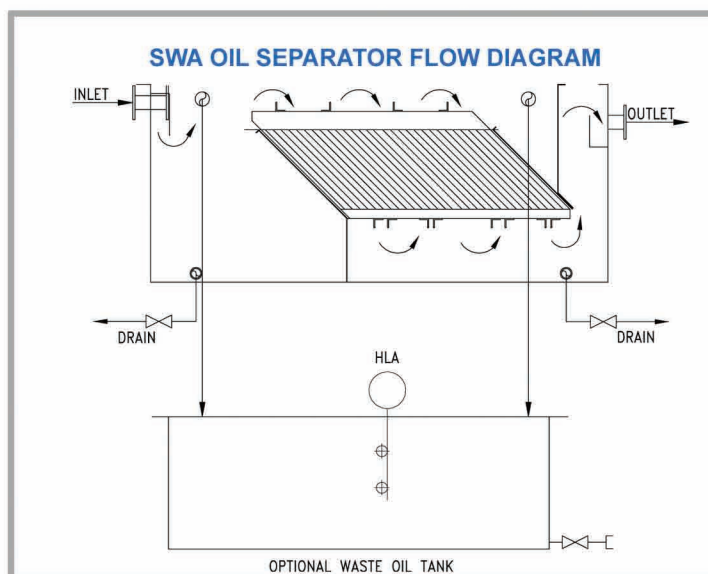
SWA's "CC" Range of co-current coalescing plate oil separators are modular in design and in concept. SWA can design an oil separator to suit specific operating conditions.

You nominate the following operating conditions:

- Flow rate
- Influent oil concentration
- Specific gravity of the oil
- Operating temperature
- Discharge oil concentration required

SWA will size the oil separator needed for your specific conditions & SWA will guarantee the performance of the oil separator for your conditions.

SWA has a 20 year warranty on its oil separators – some conditions apply – ask SWA for details.



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