

CRS Series Oil Water Separator Brochure

Hydraulic Filtration



CRS Series

Product Specification :

The Parker CRS series Oil Water Separator is designed to effectively remove oil and particulate contamination from water based process fluids. A high performance coalescer, together with pre-filter, enables efficient removal of emulsified oil and fine particles that causes end product quality rejects and high fluid change out costs. Compact, durable and user friendly CRS units are a cost effective method of reducing system oil content and particulate contamination, providing consistent end product quality and a significant cost reduction to your process.

Product Features:

- High performance coalescer element for high efficiency oil water separation
- Multiple coalescer element option to provide optimum oil water separation in wide range of liquids
- High flow rate with special floating oil recovery nozzle
- Compact and durable Stainless Steel design
- Automatic draining of separated oil

Product Benefits:

- Efficient solid particle filtration
- Can reduce oil concentration down to 100ppm
- Significant reduction of fluid consumption and disposal
- Reduce operating costs
- Reduce parts quality defect rate
- Increase profitability



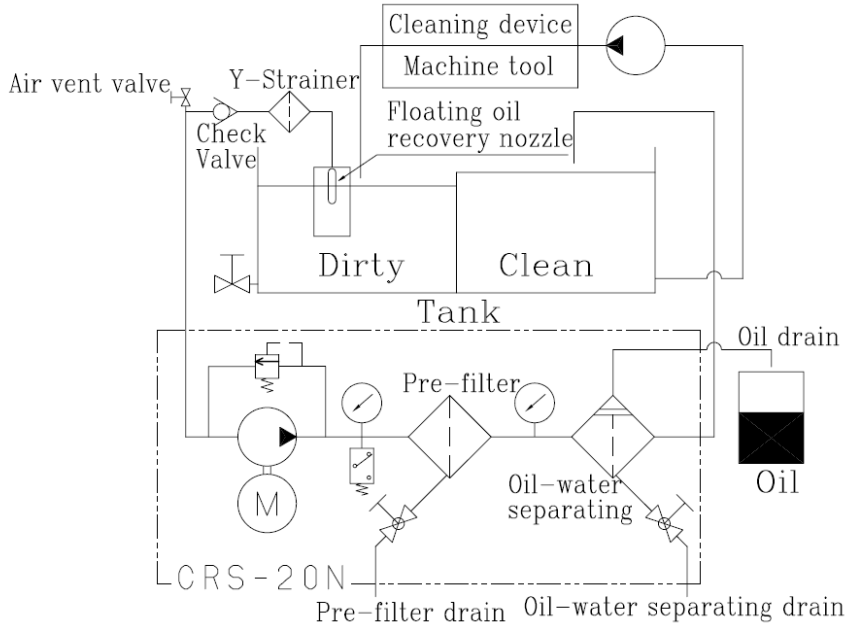
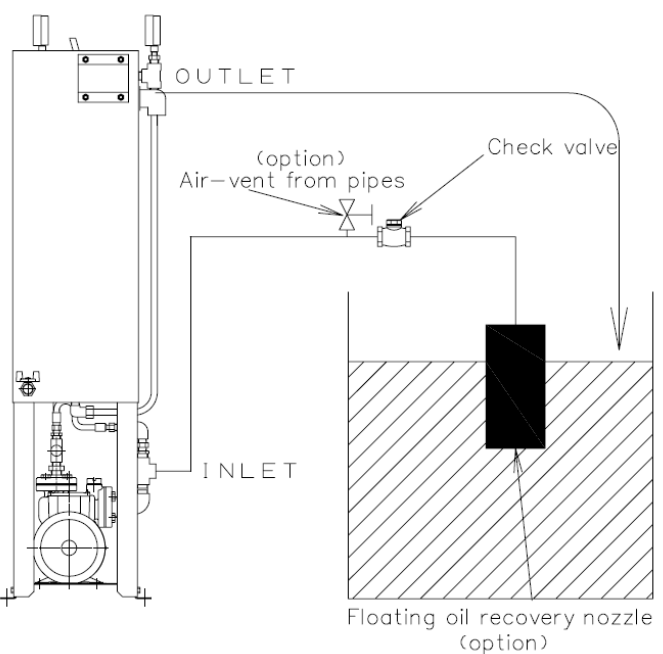
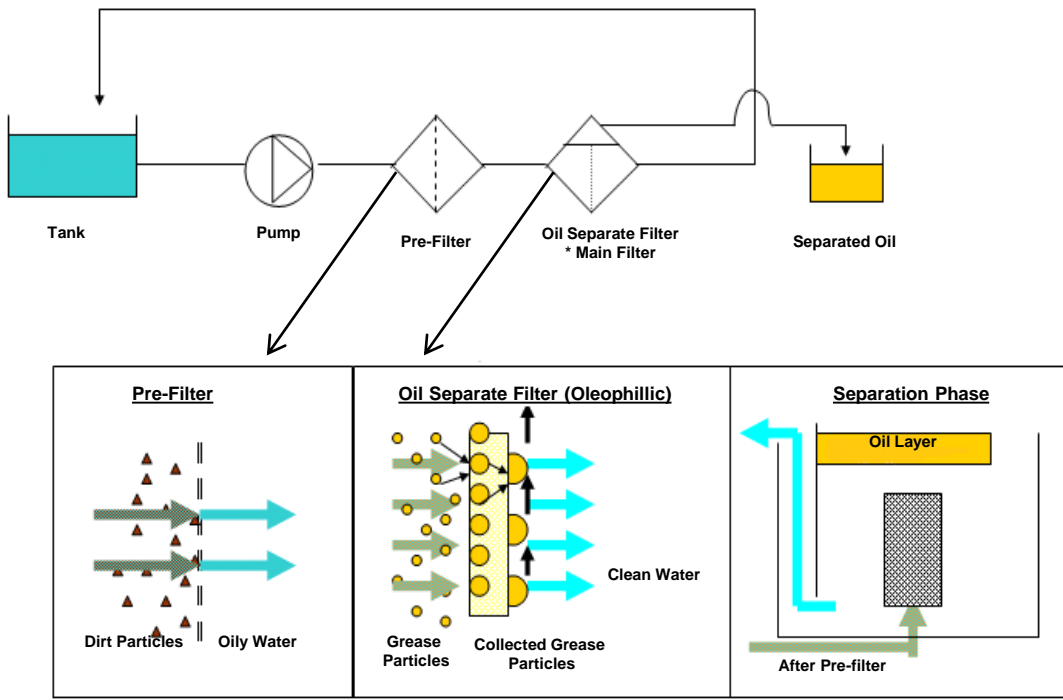
Applications :

- Heat treatment
- Parts washing for:
 - Electronics
 - Automotive
 - Industrial parts and components
- Degreasing bath
- Cooling water
- Waste water pre-treatment
- Water based machine tool coolants
- Compressor drain water



ENGINEERING YOUR SUCCESS.

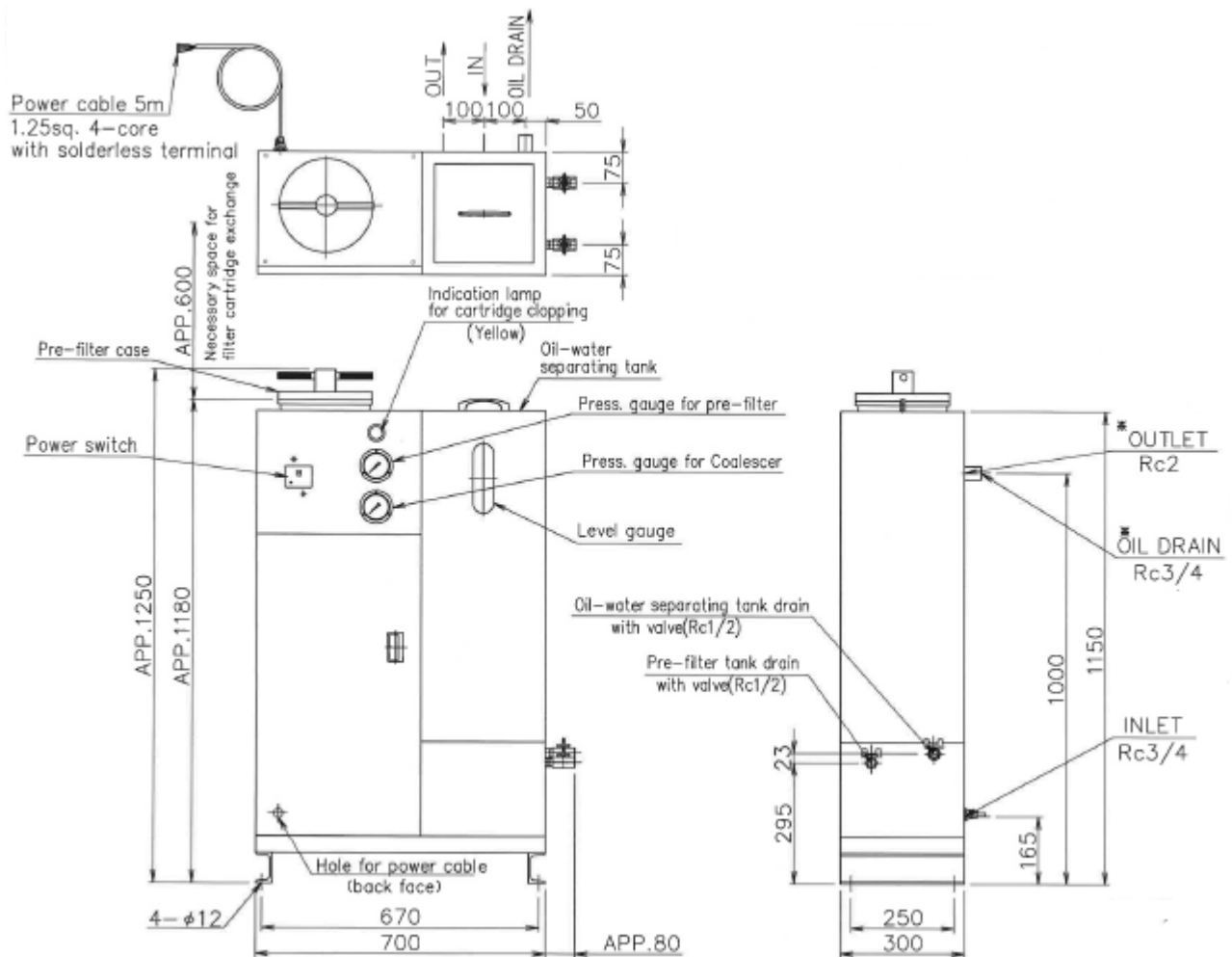
Schematic Diagram



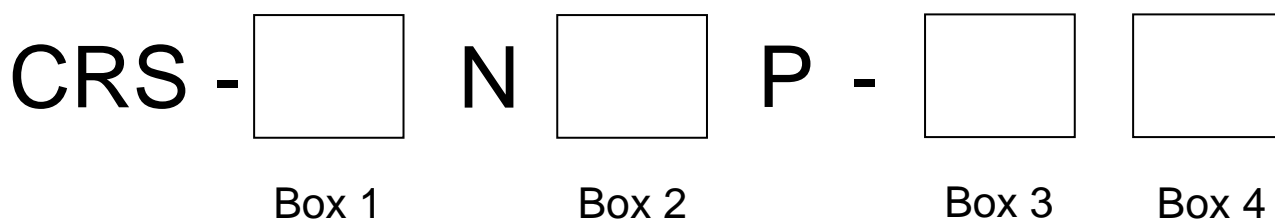
ENGINEERING YOUR SUCCESS.

CRS-20 Specification

Max. process flow rate	1020/1200 L/Hr, 50/60Hz
Max. operating pressure	0.4/0.5MPaG (50/60Hz)
Working temperature	(Liquid) 20 to 80°C (Environment) 20 to 40°C
Liquid amount to fill	80L
Weight (Dry)	107 kg
Motor Capacity	0.4 KW



How to Order



Box 1 Flow Rate

Symbol	Description
10	600 L/Hr
20	1200 L/Hr

Box 4 Frequency

Symbol	Description
50	50 Hz
60	60 Hz

* Floated oil recovery nozzle is included as standard with every CRS unit order.

Box 2 Pre filter

Symbol	Description
Blank	1 pre filter housing
2	2 pre filter housing

Replacement elements

Part Number	Description
PW320-100	Polypropylene Pre Filter
PC614-200	Coalescer Filter Cartridge

* Multiple coalescer filter cartridge option available to provide optimum oil water separation in wide range of liquids. Please consult Parker Techno for more information.

Box 3 Voltage

Symbol	Description
200V	200V, 3 phase
220V	220V, 3 phase
380V	380V, 3 phase
400V	400V, 3 phase
415V	415V, 3 phase

