



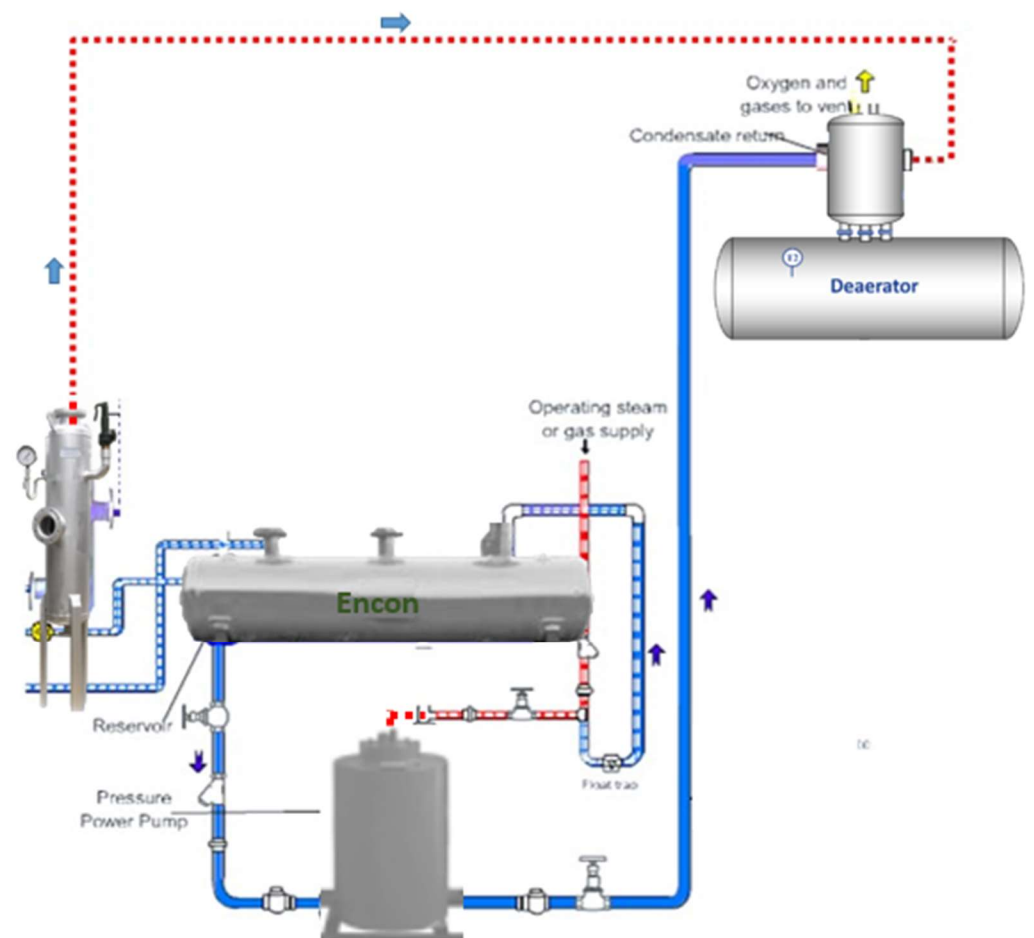
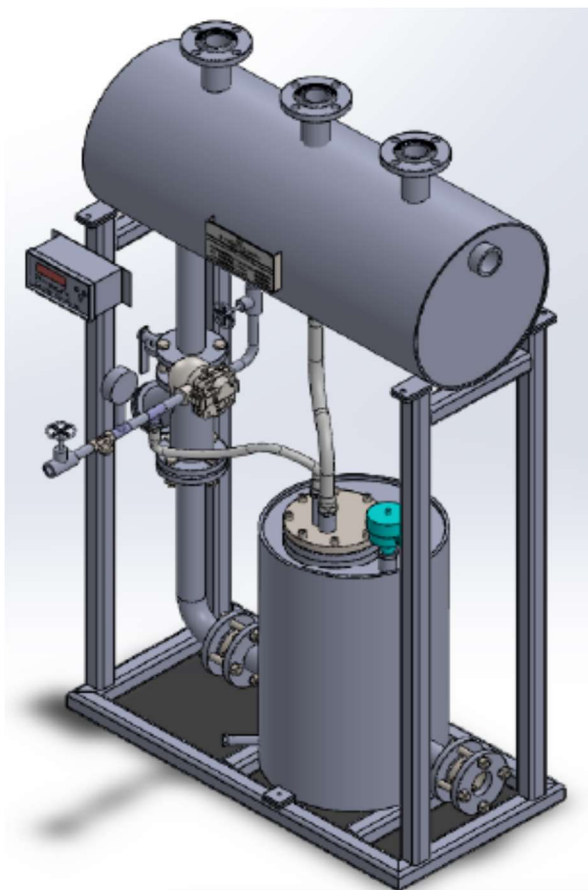
ENCON

CONDENSATE RECOVERY SOLUTION

Manufactured & Marketed by
ENCON SOLUTIONS PVT LTD
GT Road, Taraori
Karnal, Haryana (INDIA)

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**Reduce your operating costs through the effective
Management of condensate**



Condensate Recovery Systems

Why Condensate Recovery needed??

<ul style="list-style-type: none"> ▶ Every 6 Deg rise in feed Water Temperature gives 1% fuel savings. ▶ Reduces the fuel cost. 	<ul style="list-style-type: none"> ▶ Recover pure form of water, --> No scaling. ▶ Minimises the need for makeup water and associated costs
Reduces cost Saves money	
<ul style="list-style-type: none"> ▶ Reduces the dissolved oxygen. ▶ No electricity required. 	<ul style="list-style-type: none"> ▶ Reduces the need for boiler blowdown. ▶ Reduces the TDS in the boiler feed water.



1.1 Sizing and Selection

ENCON-CRS is available in three sizes as per the below table.

Model	Condensate Inlet	Condensate Outlet	Overflow
ENCON-CRS50	50 NB	50 NB	25 NB
ENCON-CRS80	80 NB	80 NB	
ENCON-CRS100	100 NB	100 NB	

1.2 Limiting Conditions

Sizes: ENCON-CRS50 / ENCON-CRS80 / ENCON-CRS100

Body design:

9 bar g at 220°C

Operating motive pressure:

3 to 8.7 bar g

ENCON-CRS discharge per cycle: 35 liters

Maximum steam consumption: 3.5 kg of steam per 1000 kg of condensate pumped.

1.3 Product Parts Description

Sr. No.	Parts	MOC
1	Pump Shell Assembly	Carbon Steel
2	Pump Inlet Butterfly Valve	Cast Iron
3	Y-type Strainer	Cast Iron
4	ENCON. Disc Check Valve	Stainless Steel SS 304
5	ENCON Motive Steam Pressure Gauge	Stainless Steel SS 304
6	Safety Valve	Gun Metal
7	Over Flow Trap Assembly	Stainless Steel SS 304
8	Exhaust Line Isolation Valve	Stainless Steel SS 304
9	Pump Drain Ball Valve	Stainless Steel SS 304
10	Pump Internal Assembly	Stainless Steel SS 304

1.4 Warranty: - 2 years unconditional warranty

1.5 Installation: - Engineer will visit site and guide the team.

Our strength

Best Quality with Best services