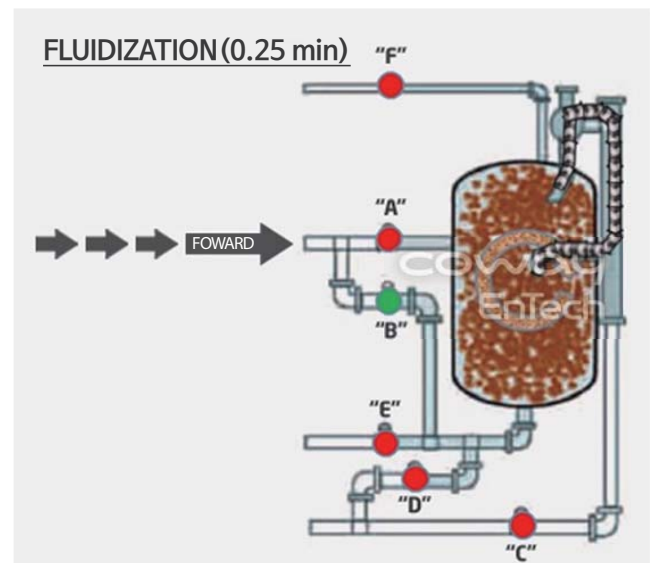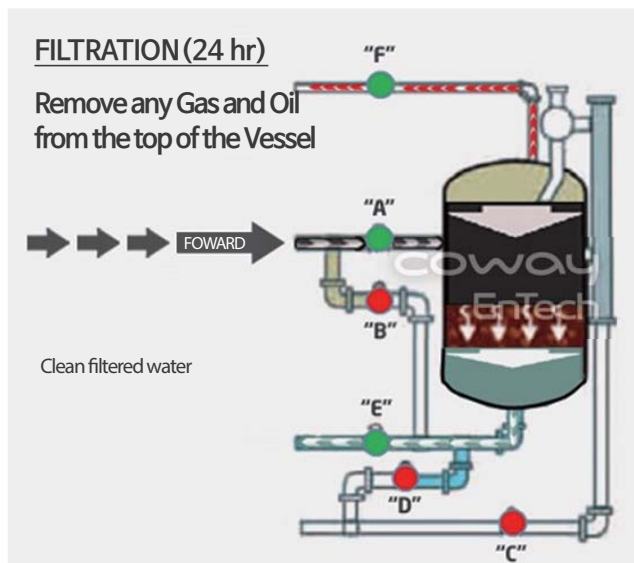# Nutshell Filter

OVERVIEW

Nutshell is used as filtration to remove small residue of oil in the water. Generally filtration and backwash process is run automatically.

FEATURES

Hydrophilic nutshell filtration
- Nutshell is hydrophilic filtration and creates layers on the surface. Oil components are captured in the layers and removed during final back-wash process.

PROCESS

FILTRATION (24 hr)

Remove any Gas and Oil from the top of the Vessel

FOWARD

Clean filtered water

"F" "A" "B" "E" "D" "C"

FLUIDIZATION (0.25 min)

FOWARD

"F" "A" "B" "E" "D" "C"

Nutshell Filter

DISCHARGE (14 min)

"F"
"A"
FOWARD
"B"
"E"
Drain water
"D"
"C"

SETTLING (1 min)

"F"
"A"
FOWARD
"B"
"E"
"D"
"C"

PURGE (1 min)

"F"
"A"
FOWARD
"B"
"E"
Drain water
"D"
"C"

FILTRATION (24 hr)

Remove any Gas and Oil from the top of the Vessel

"F"
"A"
FOWARD
"B"
Clean filtered water
"E"
"D"
"C"