

We recommended that you read this information carefully to ensure that the Kubota MBR module(Cassette) operates as expected and smoothly.

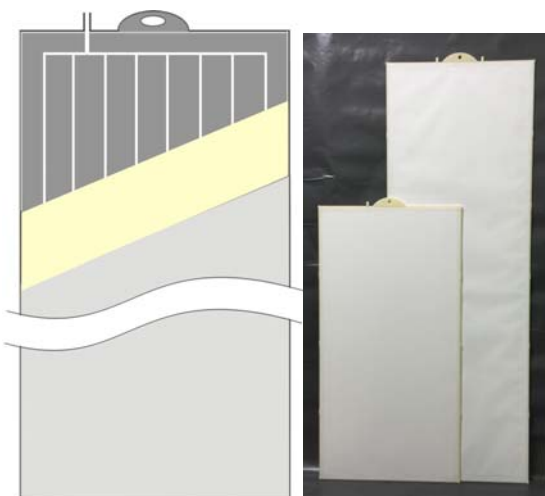
Ecologix Asia, along with technical cooperation in Taiwan with YUASA membranes—a Japanese company that manufactures the membrane plates (element) #EK-08/PVDF, similar in size as Kubota #510 element, but packing the PVDF membrane – is able to provide customers in Taiwan and Southeast Asia world classes revisit an affordable price. Over the years, Ecologix has won the appreciation and recommendations of many businesses by replacing 80,000 pieces of Kubota membrane plate (element) in the world.

From client information: due to the air diffuser clogged by sludge even if according to Kubota's operation manual, clean the air diffuser. Without air bubbles into the spacing (6mm) of each element, the membrane plate (element) will be sticky by sludge quickly – then the TMP raising and less 50% of discharge water from MBR module, it's a most client's experience.

Photos: In Taiwan, if client buy Ecologix element to replace Kubota element, upon client's request, our engineer will go to job site to instruct the client to lift out the Kubota module, **disassemble and discard the Kubota element, then insert Ecologix element.** Also instruct client how to repair the Kubota air diffuser.



Ecologix PVDF element inserted into Kubota cassette



Ecologix Element size and effective Area

Element type : ■EK-08/PVDF, ■EK-08/cPVC
Size : 490mm x 1,000mm x t.6mm
Eff. Area : 0.86 m²/ each element

- EK-08 encapsulated PVDF membrane: we have replaced ~80,000 pieces of Kubota #510 element (cPVC membrane) in the EU, Middle East, and United States.
- EK-08/cPVC (cPVC membrane): similar Kubota#510

Element Type : EW-14, packing PVDF membrane
Size : 490mm x 1,500mm x t.6mm
Eff. area : 1.33m²/ each element

Ecologix MBR team: Professional, experienced and thoughtful service!

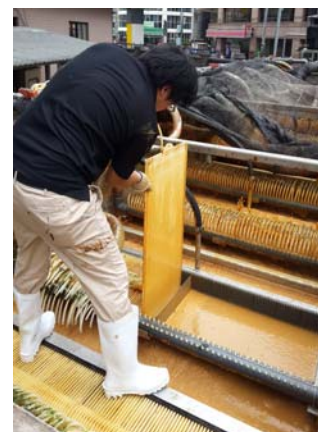
What You should know about PVDF membrane

Sewage source generally come from food manufacturing, chemical plants, dyeing and textile plants, and slaughterhouses, amongst many others. Japanese MBR membrane experts strongly recommend the negotiation with the world's leading MBR membrane manufacturer in Germany for its PVDF membrane (0.05 micron), and then encapsulate the membrane -forming plate in Taiwan to replace Kubota's cPVC membrane (0.2 micron), in the past few years, approximately 80,000 pieces have been delivered to domestic and foreign clients.

It is well known that:

The chemical resistance and durability of Germany PVDF membrane is better than cPVC membrane, When the PVDF membrane is encapsulated into a membrane plate(element), it is extremely strong and not easy to be broken and damaged during pulled out and scrubbed !

The following 4 photos were taken when we replaced the Kubota cPVC membrane plate(element)



Right 

A food factory in Taiwan was recommended by Japanese MBR experts to install Ecologix flat sheet module with PVDF membrane, after 3 years of operation, while inspecting the membrane plate, You can see that they are easy to pull out the element by hand and never stick to sludge !

We suggest that you-

switch to PVDF membrane plate at a low price as soon as possible!

Please contact Ecologix MBR team to discuss Kubota's element replacement.

We look forward to hearing from you...