

# Airrane Membrane for Dehumidification technology of Dryer in Korea

Airrane



**Goyang-si, Jun 18, 2019 ([Issuewire.com](http://www.Issuewire.com))** - AIRRANE is a leading pioneer of innovative membrane technology for gas separation. From hollow fiber membrane production to the design, manufacturing and servicing of membrane modules and separation system, AIRRANE's ISO 9001&14001-certified solution brings you the best of advanced membrane technology for gas separation.

Gases which permeate faster and more are collected outside of the hollow fiber as permeates while gases which do not permeate so well and stay inside of the fiber until they reach the other end are separated out as retentates. Depending on the properties of the desired gas, either or both of permeates and retentates can be used. The permeation rates of different gases and vapours also vary according to the types of polymers used to make membrane fibers. Carefully controlling the material of membrane varies the sorption-diffusion mechanism through the membrane which determines the permeation rate through it.

These dryers are usually alluded to as packed air/film or layer/compacted air dryers yet the watchword is a film. There is a major contrast between a "Packed Air Dryer" and a compacted air dryer with a film. A packed air dryer does not create - 40 dew point procedure air (it's progressively similar to 0-20 dew point) and can change week to week and season to season. [Hydrocarbon Separation Membrane](#)

A film improves the compacted air dryer by guaranteeing - 40 dew point procedure air so the drying ability of layer dryer much superior to an ordinary packed air dryer.

There is additionally a major distinction between a layer dryer with an inherent film when contrasted with one with an extra film. Those with extra layers - utilize something like three fold the amount of vitality as those with inherent films.

Film dryers have no moving parts so they require next to no support. [Anti Static For DI Water System](#)

A layer gets together contains a large number of film fibers. As soaked air goes through the fibers, the H<sub>2</sub>O particles go through the sides of the fiber and are diverted, leaving - 40? dew point procedure air to be warmed and circled through the drying container to dry the pitch.

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