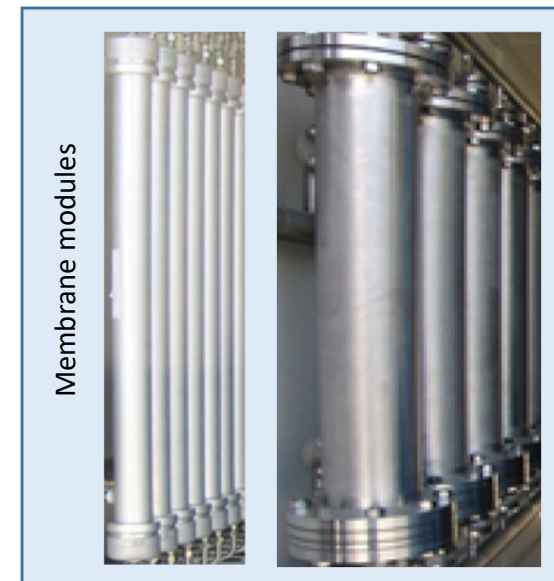
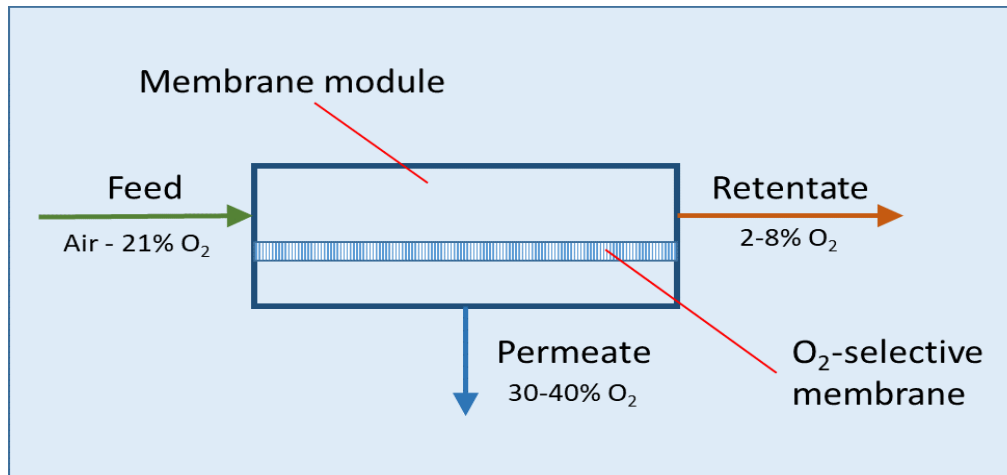


Oxygen enrichment using O₂-selective membranes (enrichment as permeate for low delivery gauge pressures) for the supply of COVID-19 patients

Design example for 100 m ³ /h compressed air feed - process can be scaled easily according to supply need						
Feed	O ₂	Permeate	O ₂	Retentate	O ₂	Delivery for patients
[m ³ /h]	[vol%]	[m ³ /h]	[vol%]	[m ³ /h]	[vol%]	[L/min]
100	21%	41	40%	59	8%	683
100	21%	55	35%	45	4%	917
100	21%	68	30%	32	2%	1133

Feed side operating pressure typically 8-10 bar(g) - other pressures possible
 Permeate typically at 10-50 mbar(g)



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