

Electronic Supplementary Information

The separative performance of modules with polymeric membranes for a hybrid, adsorptive/membrane process of CO₂ capture from flue gas.

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Table S1. Comparison of modules

Module type	PRISM PA1020	UMS-A5
Manufacturer	Air Products	UBE
Housing material	ABS + aluminium	stainless steel
Membrane material	modified polysulfone	modified polyimide
Length, mm	660	680*
Diameter of the wider part of the module / diameter of the working part	53 / 42	47 / 29*
Weight, kg	0.7	2.2*
Maximum inlet temperature, °C	55	40
Maximum inlet pressure, bar(g)	15	9.9
Maximum particle size in the feed gas, µm	0.01	0.01
Maximum oil content in the feed gas, ppm	0.001	0.001
Lifetime	8-12	no data available

*) self-measurement