

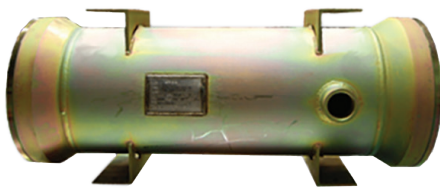
4240 Air Separation Membrane



OVERVIEW

Air Liquide Advanced Separations MEDAL **4240** delivers uncompromising performance within a compact design. By utilizing a proven polymer blend and advanced hollow fiber technology, the unit generates an optimal balance of productivity and recovery for on-site nitrogen supply. The **4240** is deployed into large volume applications that require sustained N₂ production over an extended duration, while minimizing feed-air/compression costs. The **4240** provides an available option to supply the bare bundle separately from the housing vessel.

VESSEL PHOTO



OPERATING CHARACTERISTICS

MAXIMUM OPERATING TEMPERATURE*	65°C (149°F)
MAXIMUM OPERATING PRESSURE*	24.1 barg (350 psig)
MAXIMUM FEED AIR OIL CONTENT	< 5 µg/Nm ³
NITROGEN MOISTURE CONTENT	< -70°C (-95°F) Dew Point

* Subject to other operating parameters: Consult Air Liquide for further details

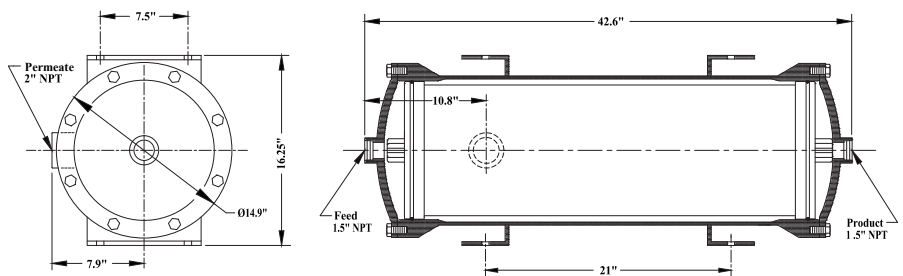
PHYSICAL CHARACTERISTICS

WEIGHT (MODULE ONLY)
29.4 kgs (65 lbs)

WEIGHT (MODULE AND VESSEL)
159 kgs (350 lbs)

VESSEL MATERIAL
Zinc chromate plated carbon steel
Stainless steel optional

DIMENSIONS



PERFORMANCE DATA

Temp 40°C	Purity (%)						
	95	96	97	98	99	99.5	99.9
	Nitrogen Flow (Nm ³ /hr) / Feed air Flow (Nm ³ /hr)						
3	25/64	22/60	18/56	14/52	10/47	7/43	4/39
6	73/157	62/145	51/133	40/121	28/105	20/96	11/84
9	128/258	108/237	89/215	70/194	48/167	35/150	19/129
12	186/363	156/331	129/300	101/269	69/229	51/205	27/176
15	245/469	206/427	169/386	133/345	91/293	66/261	35/222
18	304/576	256/524	210/473	165/422	113/356	82/317	43/269
21	364/684	307/621	252/560	198/499	135/420	98/373	52/315
24	425/792	358/718	294/647	230/576	158/484	114/430	60/362

All values are based on mid aged condition (10,000 to 15,000 operating hours)

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