



OVERVIEW

Air Liquide Advanced Separations MEDAL **3640** provides users with complete flexibility in nitrogen production. From energy applications to maritime projects, the **3640** delivers results. Its durability and optimized geometry lend well to maximizing N₂ flow within close quarters for projects focused on footprint minimization. The key to this modules success is it's ability to produce a large amount of nitrogen from a compact membrane bundle. Thus reducing the total number of membranes required. The 3640 is a cost effective solution for any nitrogen project. This module is available as a bare bundle or installed in an FRP shell.

SHELL PHOTO



OPERATING CHARACTERISTICS

MAXIMUM OPERATING TEMPERATURE	65°C (149°F)
MAXIMUM OPERATING PRESSURE	13 barg (188 psig)
MAXIMUM FEED AIR OIL CONTENT	< 5 µg/Nm ³
NITROGEN MOISTURE CONTENT	< -70°C (-95°F) Dew Point

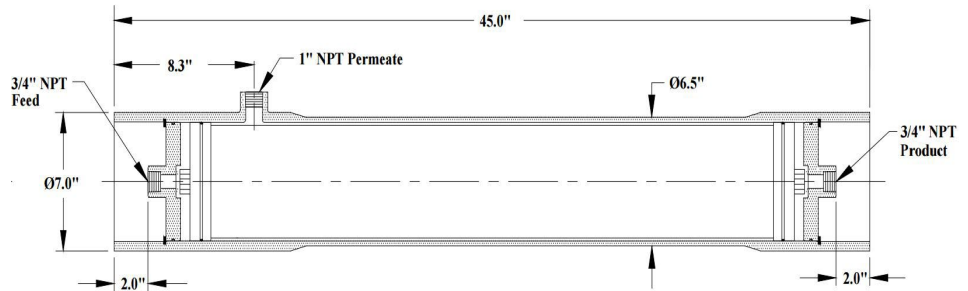
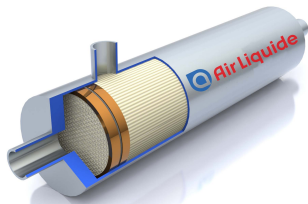
DIMENSIONS

PHYSICAL CHARACTERISTICS

WEIGHT (MODULE ONLY)
6.8 kgs (15 lbs)

WEIGHT (MODULE AND SHELL)
18.1 kgs (40 lbs)

SHELL MATERIAL
Fiberglass Reinforced Plastic (FRP)



3640 NEA Flow Rate (Nm³/hr) / Feed Air Flow Rate (Nm³/hr)

Temperature = 40 C (104 F)

Pressure (BarA)	Purity (%)						
	Nitrogen Flow (Nm ³ /hr) / Feed Air Flow (Nm ³ /hr)						
	95	96	97	98	99	99.5	99.9
4	11/29	9/27	8/25	6/23	4/21	3/20	2/18
6	24/55	20/51	17/47	13/43	9/38	7/35	3/31
8	39/83	33/76	27/70	21/63	15/56	11/51	6/44
10	54/112	46/103	38/94	29/85	20/74	15/67	8/58
12	70/142	59/130	48/118	38/106	26/92	19/83	10/72
14	87/172	73/157	60/142	47/128	32/110	23/99	12/85

Air Liquide Advanced Separations
305 Water St

Newport, DE 19804

TELEPHONE: +1 302-225-1100

EMAIL: usalat-alas@airliquide.com

www.airliquideadvancedseparations.com