ENVIROLINER

Safe, cost effective, quickly assembled, controlled humidity storage

The Enviroliner package includes special grade Thermoplastic material, Framework, chemical Dehumidifier with Trolley and Flexible pipes

* Enviroliner is cost effective, energy efficient, short or long term low humidity storage.
* Each Enviroliner is serviced by a chemical dehumidifier to maintain 35 ~ 40 % RH, although other levels can be achieved, if required.
* Enviroliners are available in 13 standard modules/sizes with three (3) different height options of 3 mt, 3.5 mt and 4 mt.
* Option for provision of internal lighting available.
* Doors can be fitted to suit individual needs e.g personnel access, fork lift access, etc.
* Provided with humidity indicator windows.
* Especially sealed walls / panels and doors to minimize air infiltration.
* Panel wall : Special grade thermo plastic material olive green in colour. Transparent and Translucent options also available.

**Enviroliner material (Brypol)**

* Made of special grade Thermo Plastic material.
* Stringently tested both in the laboratory and in then field under all climatic conditions.
* Highly flexible/stretchable, reusable and moisture vapor resistant.
* Weather resistant and is resistant to temperature ranging from 0°C to 60°C.
* Has very low MVTR i.e moisture vapor transmission rate.
* Resistant to UV, organism fungus, rodent, wind, oils, chemicals, grease, alcohol, air pollution and sea water
* Flame/fire retardant and is self extinguishing, does not support combustion.
* Light in weight and easily handled.
* Has minimum life span of 7 to 8 years.

**Chemical dehumidifier :**

* A totally self contained, CNC fabricated, powder coated finished unit.
* High performance metal silicates synthesized in situ rotor media
* Non flammable, water washable Rotor
* Easy to install, operate & maintain
* Suitable for continuous operation
* Mounted on trolley

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Date : May 20, 2004
Enviroliner is available as per the following standard Dimensions:

<table>
<thead>
<tr>
<th>Length (mt)</th>
<th>Width (mt)</th>
<th>Height-3.0 m Volume (Cumt)</th>
<th>Height-3.5 m Volume (Cumt)</th>
<th>Height-4.0 m Volume (Cumt)</th>
</tr>
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<tbody>
<tr>
<td>3 (9.8)</td>
<td>3 (9.8)</td>
<td>27 (953)</td>
<td>31.5 (1112)</td>
<td>36 (1270)</td>
</tr>
<tr>
<td>3.0 (9.8)</td>
<td>4.0 (13.1)</td>
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<td>48 (1694)</td>
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<tr>
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</tr>
<tr>
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<td>100 (3529)</td>
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<tr>
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<td>105 (3705)</td>
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<td>8.0 (26.2)</td>
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<tr>
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<td>6.0 (19.7)</td>
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<td>144 (5081)</td>
</tr>
<tr>
<td>6.0 (19.7)</td>
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<tr>
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<td>210 (7410)</td>
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<td>7.0 (23.0)</td>
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<td>171.5 (6052)</td>
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<tr>
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<td>245 (8645)</td>
<td>280 (9881)</td>
</tr>
<tr>
<td>7.0 (23.0)</td>
<td>12.0 (39.4)</td>
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<td>294 (10375)</td>
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</tr>
</tbody>
</table>

**Note:**
1. Dehumidifier selection is at 35± 5% RH internal design (space) of 35°F temperature at ambient humidity of 155 grs/# (max.)
2. For Volume > 336 cu mt or Volume < 27 Cu mt P.O.R
3. Enviroliner prices are inclusive of Material, framework, dehumidifier, trolley & Standard flexible pipes.

*For designating the size selected and for ordering, the following nomenclature referencing system is provided:*

Model number shall be designated as: "ENV- L B H"

L = Length of enviroliner
B = Width of enviroliner
H = Height of enviroliner

*e.g*

For Enviroliner of 3 mt x 3 mt x 3.0 mt (Ht) size, the model no. shall be: "ENV-030303"
For Enviroliner of 3 mt x 3 mt x 3.5 mt (Ht) size, the model no. shall be: "ENV-030335"
For Enviroliner of 7 mt x 12 mt x 3.5 mt (Ht) size, the model no. shall be: "ENV-071235"