

CMS Industrial Solvent Recovery

CMS MEMBRANES ARE

1

A **simple, compact & efficient** way to turn burdensome waste into usable material

2

Robust to **virtually all** chemicals, high temperatures, harsh pH pressures, and additives

3

Modular allowing recovery across a range of volumes

COMPATIBLE SOLVENTS

- ✓ Alcohols like IPA
- ✓ Ketones like MEK
- ✓ Esters
- ✓ Ethers
- ✓ Furans
- ✓ Benzenes
- ✓ Oils
- ✓ Acetate
- ✓ Ionic Liquids
- ✓ Hexanes
- ✓ Xylene
- ✓ TBHP

WHY USE MEMBRANES?

Drying Past an Azeotrope

On Demand Production of Anhydrous Solvent

Temperature Constraints



Increase Capacity

Harsh Solvents

96%

Recovery of Solvent

\$400K

Saved in solvent for \$10/gal IPA

Pays for itself within

1 YEAR

only

30 ft²

Of factory floor space used

THE BENEFITS OF SOLVENT RECOVERY

With a CMS membrane using isopropyl alcohol drying 53,000 gallons of wet waste per year



BENEFITS OF CMS MEMBRANES

PHARMA

Decrease raw material costs
Improve efficient of solvent exchange steps
Improve reactant conversion

-Decrease raw material costs
-Improve efficient of solvent exchange steps
-Improve reactant Conversion

SEMICON. PRODUCTION

PAINT & COATINGS

Decrease solvent costs
Increase efficiency of rising operations
Stay in regulatory compliance

-Decrease raw material costs
-Improve efficient of solvent exchange steps
-Improve reactant Conversion

BULK CHEMICALS