

LMP SYSTEMS INC.



**MINI PURITY CO2
CONDENSING UNITS**



**A PASSION FOR
REFRIGERATION
+
OUR ENVIRONMENTAL
COMMITMENT
=
LEADING EDGE
TECHNOLOGY**





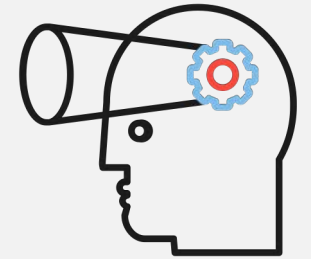
TOMORROW'S REFRIGERANT



WHY ?



- To continue the development of natural refrigerant technologies.
- To expand our technology to a smaller foot print.
- To create an equivalent or more efficient system compared to a synthetic solution.
- A solution against the climate change impacts.
- To educate more people about the advantages when using CO₂ as a refrigerant.



PURITY SERIES : FOR ALL CO₂ REFRIGERATION NEEDS



COMMERCIAL



INDUSTRIAL



HYDROPONIC

Advantages :

- Permutation of compressors from transcritical to subcritical
- Heat recovery with dedicated compressor
- Innovative lubrication system
- Remote parameter controls
- Minimal maintenance and service required
- Most energy efficient system
- ULC/UL certification



Options :

- Total compressor heat recovery
- Preheating of domestic hot water
- Data processing and control system
- Compatibility with different modules
- Hot gas, electric or compressor stop defrost
- Parallel-coupled compressors
- Ejector
- Subcooling



NEW SMALL INDOOR OR OUTDOOR CONDENSING UNIT



Works with CO₂,
a natural refrigerant

For all your small
refrigeration needs

Available from 1 ton

Indoor or outdoor unit

Possibility of
heat recovery

Low or medium
temperature



Precise electronic
controls

www.lmpinc.ca

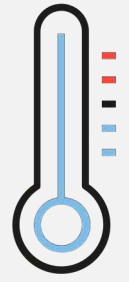
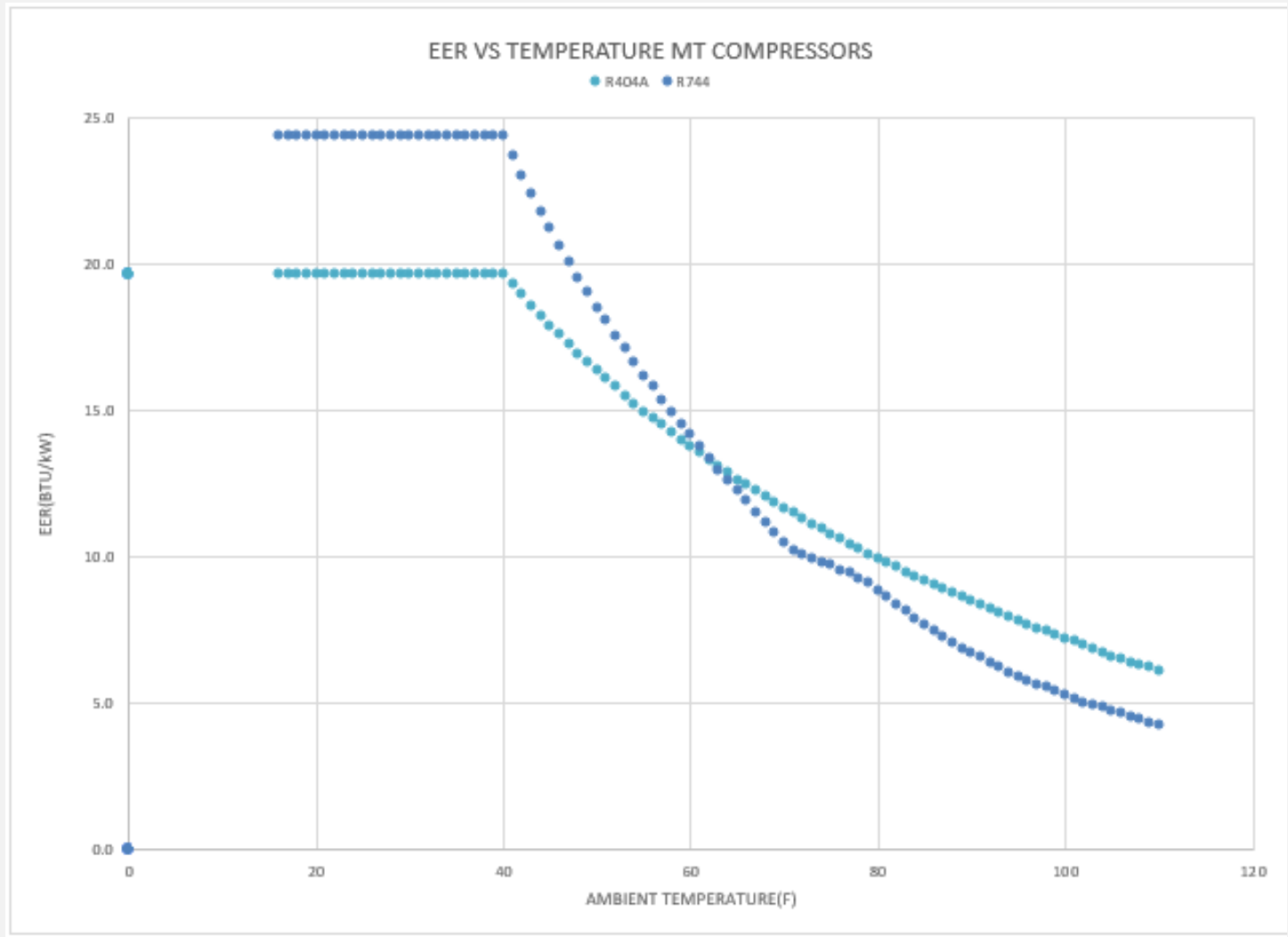
- Air cooled or Adiabatic gas cooling
- A greater market access for all the refrigeration business



BENEFIT OF THE NEW SMALL CO₂ CONDENSING UNIT



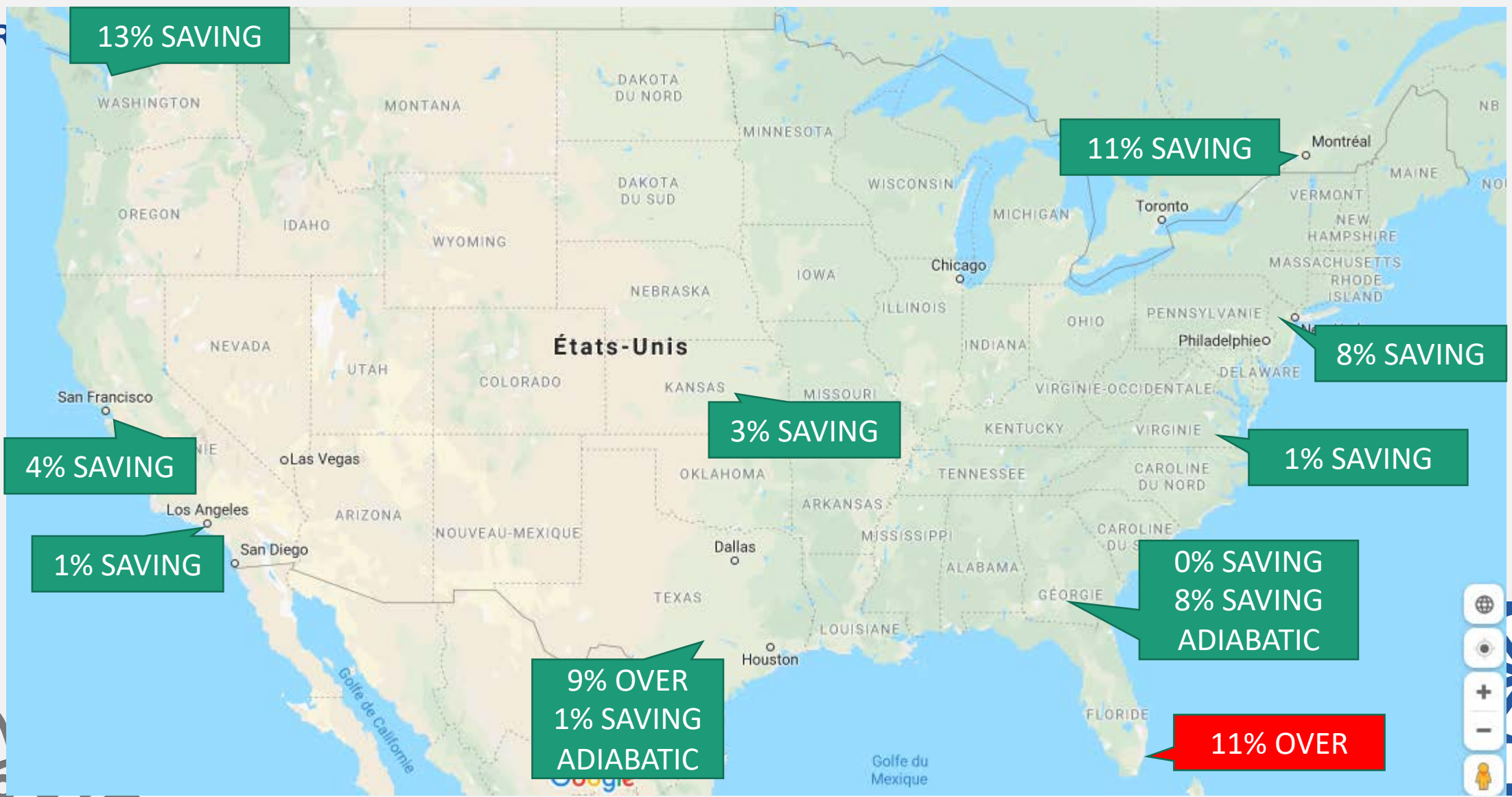
- ENERGY EFFICIENCY



BENEFIT OF THE NEW SMALL CO₂ CONDENSING UNIT



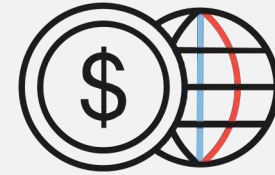
ENER



DESIGN PROCESS CHALLENGES



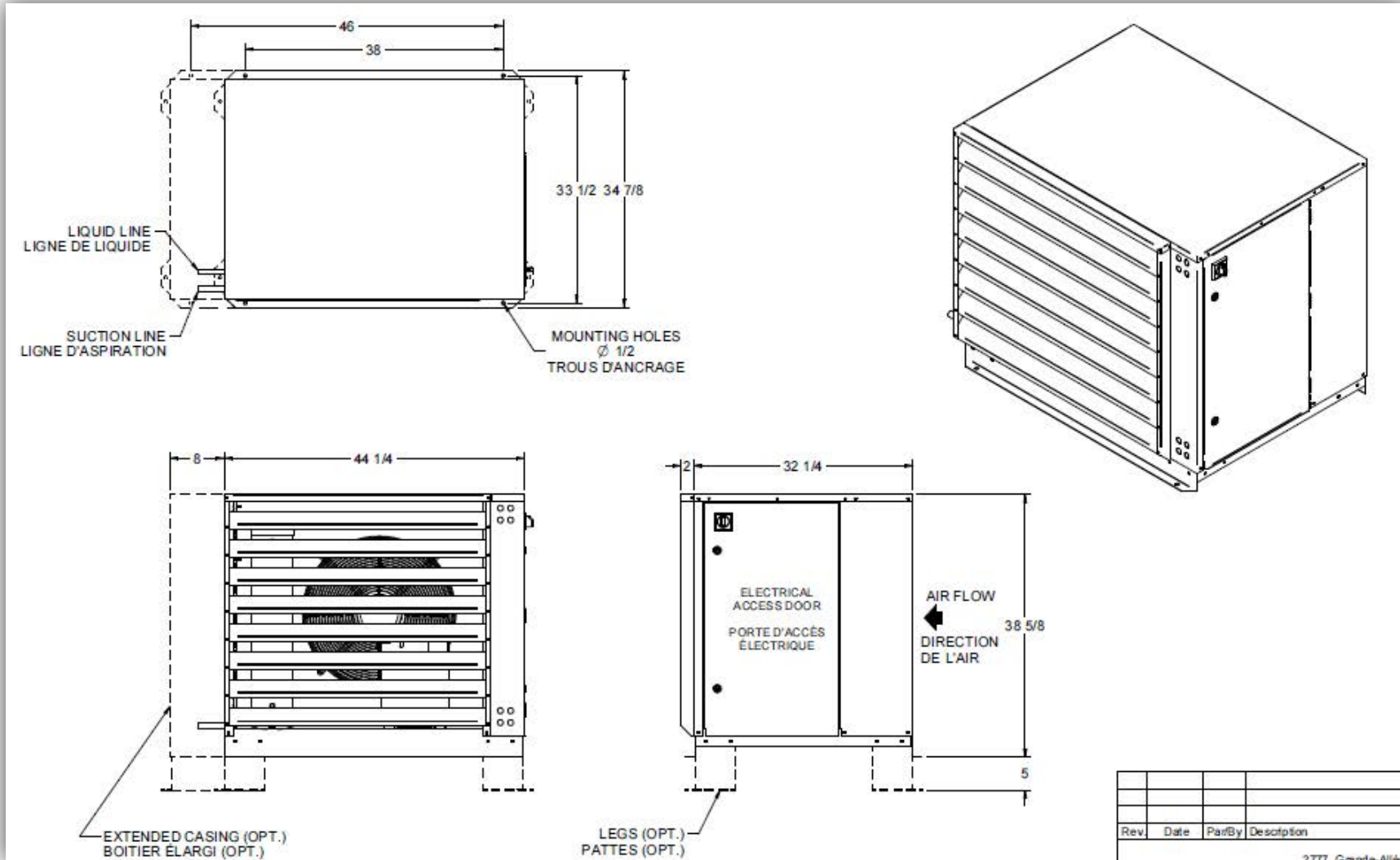
- Stand alone pressure
- Electronic controls
- Price competitiveness
- Will be available in late June 2020
- Find the most effective and reliable parts available



OUTDOOR CONCEPT



- CONDENSING UNIT





VISIT OUR WEBSITE : www.Impinc.ca

QUESTIONS ?

THANK YOU

