



CO<sub>2</sub> Recovery unit for dry ice pelletizers

## RE320-UNI

Capture, re-liquefaction and reutilization of the exhaust gas.



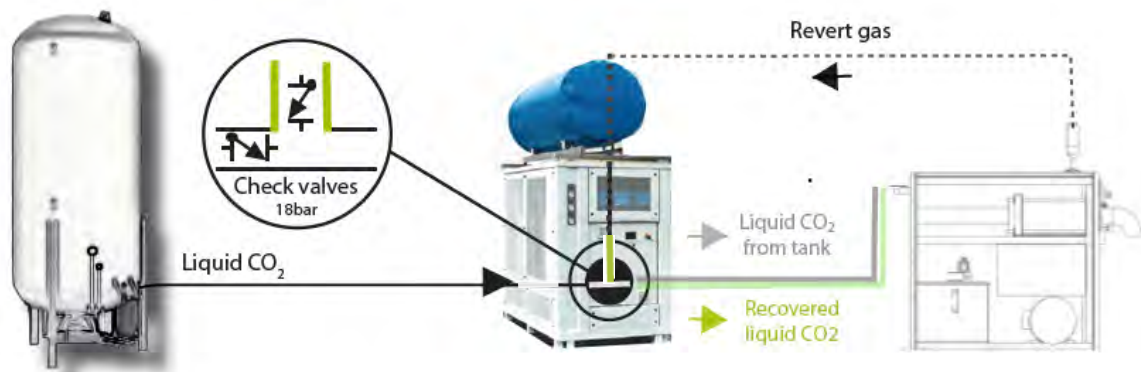
### The most efficient and sustainable way of producing dry ice

*Only 40% of the liquid CO<sub>2</sub> transported by truck and charged into the storage tank ever become solid product. After the liquid is injected into the dry ice pelletizer, 60% transform into gas. In most cases, the gas is vented out through an exhaust pipe.*

*All of the CO<sub>2</sub> coming out of the "chimney" can be captured and turned into useful solid product, instead of being transported in vain and forever wasted, causing unnecessary costs and carbon emissions*

# AQUILA TRIVENTEK

A truly simple solution for all dry ice production plants.



## TECHNICAL DATA

- Capture & liquefaction capacity: 320 kg/h  
3x400V/50Hz
- Power supply  
*other voltages and frequencies upon request*
- Power connection: 125A/3P+N+E
- Power consumption: Variable - Max. 45 kWh  
*Effective Power consumption depends upon flow of gas, ambient temperature, dimensions and insulation properties of existing CO2 pipeline )*
- Max. ambient temperature: 35°C
- Dimensions (LxWxH mm): 2.570 x 1.433 x 2.162
- Weight (kg): 2500 kg  
(without buffer tank)

## FEATURES AND ADVANTAGES

The RE320-UNI from Aquila Triventek is the only CO<sub>2</sub> gas recovery unit for dry ice pelletizers on the market, that is suitable for low, medium and high scale dry ice production, all along. **A truly feasible solution in terms of investment and operation costs**

- ✓ Compact and robust construction
- ✓ Minimal footprint.
- ✓ Easy to install - Does not require modifications of existing pipelines and tank installations
- ✓ Low power consumption - Adjustable to production
- ✓ Extremely user friendly- JUST START & STOP
- ✓ MODULAR SYSTEM, adaptable to all dry ice production plants and situations. Can consist of one stand-alone or several units working parallely

