CO_2 RECOVERY SYSTEMS

RE-CO_2

SERIES

RE-CO_2 80

RE-CO_2 160

LIQUEFACTION CAPACITY

RE-CO_2 80	RE-CO_2 160
Up to 176.3 lb/h (80 kg/h)	Up to 352.7 lb/h (160 kg/h)

POWER CONNECTION & AVERAGE CONSUMPTION

RE-CO_2 80	RE-CO_2 160
32A/3P + N + E 12 kWh	63A/3P + N + E 24 kWh

DIMENSIONS (LxWxH) *with buffer tank*

RE-CO_2 80	RE-CO_2 160
77.2 in x 51.9 in x 113.2 in (1960 mm x 1320 mm x 2875 mm)	95.3 in x 53.9 in x 118 in (2420 mm x 1370 mm x 2995 mm)

WEIGHT *with buffer tank*

RE-CO_2 80	RE-CO_2 160
2,756 lb (1,250 kg)	3,373 lb (1,530 kg)

OPTIMAL AMBIENT TEMPERATURE

RE-CO_2 80	RE-CO_2 160
Up to 104° F (40° C)	Up to 104° F (40° C)

POWER SUPPLY

3 x 400V / 50 Hz
– or –
3 x 480V / 60Hz
** Other configurations upon request*

REFRIGERANT TYPE

R452A

HOSE LENGTH

Max 118 in (3 m)
Between pelletizer and recovery system

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RECOVERY SYSTEMS

Greater Sustainability.

Customers utilizing our RE-CO_2 Recovery Systems have experienced production increases of up to 70% more dry ice while utilizing the same amount of liquid CO_2.

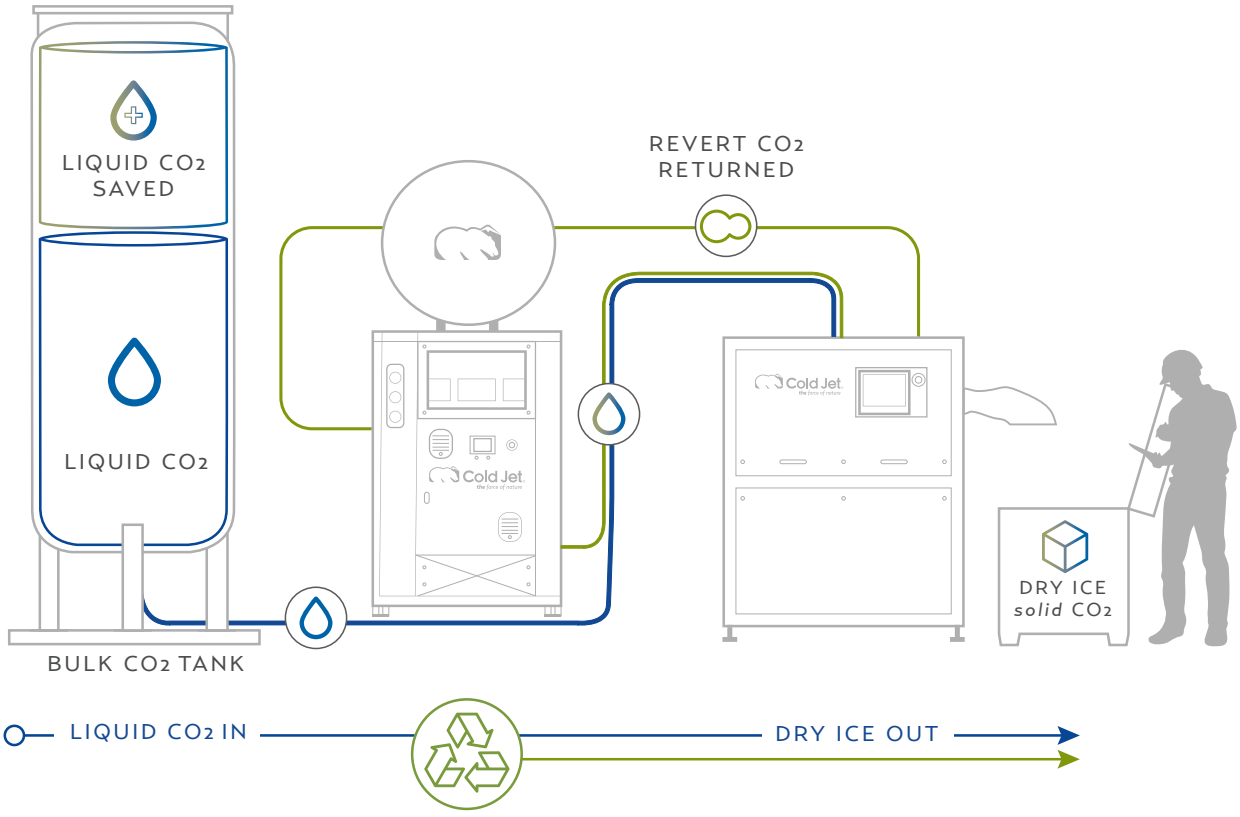
This process recycles an already recycled product and greatly reduces the amount of revert CO_2 that is vented into the atmosphere from typical dry ice production.

"We saw an immediate effect on our CO_2 ratio from 2.4:1 now to 1.35:1. Profit, production capability, and overall company performance is greatly improved."

- Richard Nimmons
Carbon Capture Scotland

How Does it Work?

The CO_2 Recovery Systems capture revert CO_2 from the vent of a dry ice pelletizer and circulates it back into themselves. Within the recovery unit, the gaseous CO_2 is cooled and compressed to create liquid CO_2 that is then piped right back to the dry ice pelletizer. This procress reduces liquid CO_2 consumption by almost half in most installations.



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