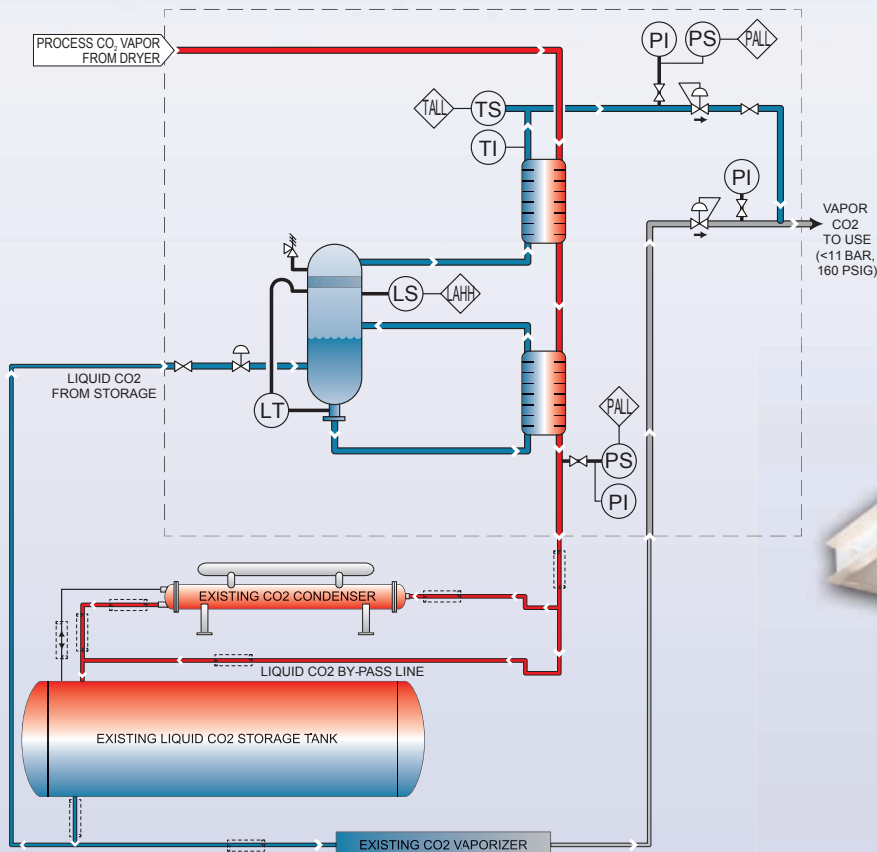


# Economizing Process Vaporizer (EPV) to be installed in Brazil

## Economizing Process Vaporizer (EPV)



In early 2011, **Wittmann** will commission its first Economizing Process Vaporizer (EPV) as part of a Wittmann CO<sub>2</sub> Generation System being installed at one of the world's leading soft drink bottling plants in Brazil. This EPV is the first of a new line of "energy efficient" vaporizers designed to vaporize CO<sub>2</sub> using heat from recovered or generated CO<sub>2</sub> streams. The new EPV will reduce the bottler's system refrigeration load by up to 93 kW per metric ton of CO<sub>2</sub>, without the need for any supplemental electricity, steam, or secondary heat source for liquid CO<sub>2</sub> vaporizing.

The vaporized CO<sub>2</sub> demand is controlled and supplied by the fully automatic EPV. If additional vaporized CO<sub>2</sub> is required, it is automatically drawn from the existing electric, water or steam heated vaporizers.

The EPV is compact and can fit in a space as small as 1.25 m<sup>2</sup>. Because it is so compact, installation costs are low. The unit has no electrical heating elements and few moving parts, so maintenance is minimal.

The attractive pricing of the EPV will allow most users to see a positive return on investment (ROI) in less than one year.

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