



# The Future of Industrial Refrigeration

*Star Refrigeration unveil new CO<sub>2</sub> Refrigeration Packages for smaller industrial applications.*

Industrial refrigeration specialists, Star Refrigeration, have announced the launch of their new Envi range of eco-friendly, industrial CO<sub>2</sub> refrigeration packages to provide a long term solution for smaller scale industrial applications for temperature controlled storage, food processing and inline freezing and chilling. The range of pre-engineered, energy efficient industrial CO<sub>2</sub> refrigeration packages are one of the industry's first industrial CO<sub>2</sub> refrigeration solutions to offer longevity along with high performance and a competitive price tag. Up until now, those seeking refrigeration solutions in an industrial setting but with a capacity of under 300kW faced something of a conundrum.

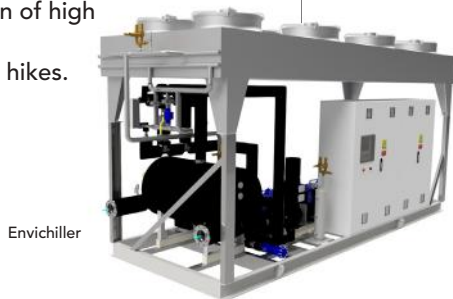
“**We strived to respond to market demand by developing a competitive pre-engineered, industrial CO<sub>2</sub> refrigeration package solution**”

The F-Gas regulation is moving end-users away from HFCs through the imposition of stringent restrictions in the production of high global warming potential refrigerants and sharp price hikes.

Envifreeze: Two stage transcritical plant for food production and temperature controlled storage applications



At the same time, the use of industrial ammonia systems is unsuitable in certain applications due to its capital costs and toxicity potential when used in enclosed environments. As a result, customers have been forced to choose between commercial, line-assembled CO<sub>2</sub> packs, geared towards non industrial applications or HFCs which are subject to phasedown. David Wallace, director of sales at Star Refrigeration said, “From the initial development phase we strived to respond to market demand by developing a competitive solution which allowed customers with smaller industrial applications to move away from HFCs and use natural refrigerants, without compromising quality or life span.” With over 40 MW of project install capacity, Star Refrigeration leveraged their wide experience in delivering bespoke CO<sub>2</sub> refrigeration solutions for industrial applications to engineer the new generation of industrial built, self-contained CO<sub>2</sub> refrigeration packages. Star's range of CO<sub>2</sub> packages are efficient, long term solutions for industrial applications, featuring capacities of up to 300kW.



Envichiller

CO<sub>2</sub> product range

