

ONYX SAFE®

Refrigerant protection for ONYX
Adiabatic Condenser



Containment and refrigerant fluid recovery device in case
of potential leaks

Fully involved in the customer's needs, JACIR innovates to secure industrial refrigeration equipment and proposes 3 patented options for its ONYX adiabatic range.

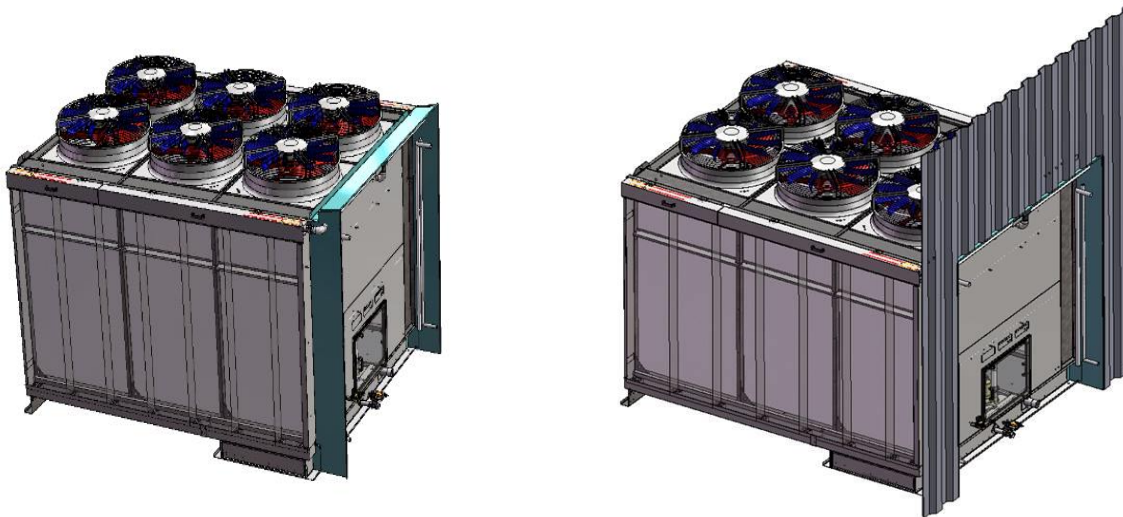
PRODUCT SUPPORT

Containment and refrigerant fluid recovery device in case of potential leaks

SafetyFrame



In order to facilitate containment in the building for the management of condenser fluid, JACIR can supply a containment sleeve factory pre-installed on the control cabinet side.



SafetySide

This option offers to regroup on a single side of the unit the complete equipment dedicated to the maintenance: the ONYX is then totally contained on the refrigerant's connection and regulation interface side. An additional access door also placed on this side allows an easy maintenance carrying out on the motor fan groups. (available option only for double raw motor fan groups ranges)



Consequently, with a complete access to both device sides, additional extra costs for lifting equipment, walkways, external guard rails or safety ropes for work at height are avoided for user's safety.

SafetyPulse

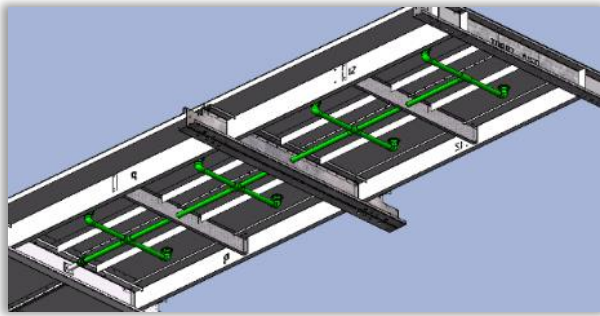


In case of refrigerant leak detection (sensor out of JACIR scope), the protection system can be activated. Two PVC water distribution pipes equipped with irrigation nozzles are installed over both coils on their whole length. The refrigerant is then safely driven towards the bottom of the equipment.

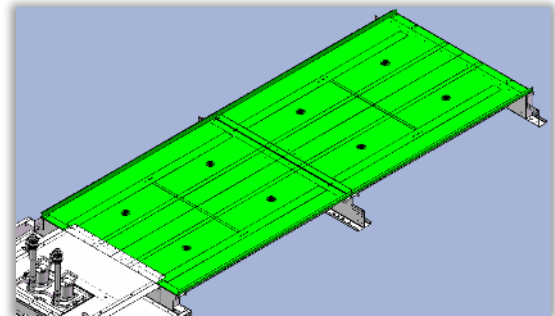
SafetyDrain



ONYX condenser is equipped with a watertight stainless-steel bottom, in addition to the SafetyPulse option, allowing to collect refrigerant leaks. This bottom is equipped with bungs linked by a collection refrigerant network integrated into the equipment frame. This PVC piping is also connected to the basin in order to facilitate safe evacuation of the alkali.



Bottom view



Top view