



Characteristics

This air curtain is a combination of the Duojet air curtain and the Kool air curtain, resulting in a system that produces a combination of three air jets at different temperatures and speeds.

It is specially designed for cold rooms and freezers where the thermal difference with the environment is very high. Thanks to this system, fog, snow and ice are reduced, so that the risk of accidents is reduced.



- Specially designed to be installed on doors of industrial cold stores and freezers with big temperature differences.
- Reduces mist, snow and ice decreasing risk of accidents.
- System composed by two air curtains: Special Duojet air curtain with plenum and Kool air curtain. The result is a combination system of 3 jets at different temperatures and different speeds.
- High efficiency barrier against big amount of thermal losses due to a big temperature difference (shorter payback).
- Structure support with lateral walls to cover 100% of the opening with 3 jets should be provided by others.
- Self-supporting casing construction made of stainless steel plate. Galvanized steel structural epoxy-polyester painting white RAL9016 or other colors under request.
- Large faceted inlet grille avoiding intensive maintenance.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Duojet with IP55 AC centrifugal fans and Kool with EC fans (both double inlet, external rotor motors and built-in thermal protection contact). All provided with 5-speed selection, very low noise level.
- Includes electrical shielded element of 3 power stages with integrated regulation.
- Triojet is automatically fully controlled by Clever Control. Electronics and controller protected inside IP65 boxes. Plug & Play connections.
- Ready for BMS connection via Modbus RTU.

Specifications

50Hz

Model	Nominal Airflow (m³/h)	Electrical Heating	
		Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)
TRIOJET SYSTEM 1000	5900	3/6/9	2-4
TRIOJET SYSTEM 1000 INOX	5900	3/6/9	2-4
TRIOJET SYSTEM 1500	8400	4/8/12	2-4
TRIOJET SYSTEM 1500 INOX	8400	4/8/12	2-4
TRIOJET SYSTEM 2000	11800	6/12/18	2-4
TRIOJET SYSTEM 2000 INOX	11800	6/12/18	2-4
TRIOJET SYSTEM 2500 INOX	14300	6/12/18	2-4
TRIOJET SYSTEM 2500	14300	6/12/18	2-4
TRIOJET SYSTEM 3000 INOX	16800	8/16/24	2-4
TRIOJET SYSTEM 3000	16800	8/16/24	2-4

60Hz

Model	Nominal Airflow (m³/h)	Electrical Heating	
		Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)
TRIOJET SYSTEM 1000 60Hz	5620	3/6/9	2-4



Model	Nominal Airflow (m³/h)	Electrical Heating	
		Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)
TRIOJET SYSTEM 1000 60Hz INOX	5620	3/6/9	2-4
TRIOJET SYSTEM 1500 60Hz INOX	8240	4/8/12	2-4
TRIOJET SYSTEM 1500 60Hz	8240	4/8/12	2-4
TRIOJET SYSTEM 2000 60Hz INOX	11240	6/12/18	2-4
TRIOJET SYSTEM 2000 60Hz	11240	6/12/18	2-4
TRIOJET SYSTEM 2500 60Hz	13600	6/12/18	2-4
TRIOJET SYSTEM 2500 60Hz INOX	13600	6/12/18	2-4
TRIOJET SYSTEM 3000 60Hz	15960	8/16/24	2-4
TRIOJET SYSTEM 3000 60Hz INOX	15960	8/16/24	2-4

Dimensions

