SCAN-AIR
VENTILATION & WELFARE

For a complete climate solution

Prevent heat stress:
Cool up to 8° C

High pressure evaporative cooling

Prevents heat stress

Keeps animal growth on track

SS nozzles with ultra-fine mist

www.scan-air.com

03-2026

The Scan-Air high pressure evaporative cooling system is engineered for ultra-precise climate control in modern livestock facilities and greenhouses. By atomizing water into a microscopic mist at 70 bar, the system achieves immediate and powerful cooling of the ambient air.

The process is designed for maximum efficiency: the mist evaporates instantaneously, extracting heat directly from the surrounding air. This results in a significant temperature drop without wetting surfaces or livestock. It provides a sustainable, fully controllable solution to heat stress, while simultaneously optimizing humidity and suppressing dust. The result is a superior, consistent climate that safeguards health and productivity year-round.



Nozzles - Technical specifications:

- Cleanable SS nozzles including slip-lock fitting
- Sizes: 15 micron (2.76 LPH) | 20 micron (4.72 LPH) | 30 micron (6.48 LPH)
- Various accessories (e.g. end fitting, T-piece, elbow, on/off slip-lock valve)
- Various options (e.g. nozzle head with 5x nozzle, misting ring with 4 or 8 holes)

Recommended dosage: 3.5 - 4 grams of water per m^3/hr of air.

Pump - Technical specifications:

- 70 bar (1015 PSI) pump (EVO | PRO HW | NT-FOG)
- Various capacities (range of 1-43 LPM)
- Various models (1~/230V & 3~/400V)
- Including pump brackets, filter set, and filter wrench
- Control: puls/pause on climate controller

Note: Always ensure the system is deactivated based on the relative humidity (RH) in the room.



System - Characteristics:

- Nylon tubing (available on rolls (25/50/100m) and pre-cut lengths (80/120cm))
- Tubing including clamps and tube cutter
- Modular system
- Easy to install (plug & play)

Note: Installation hardware (screws, plugs, tensioners, etc.) is not included as standard.