

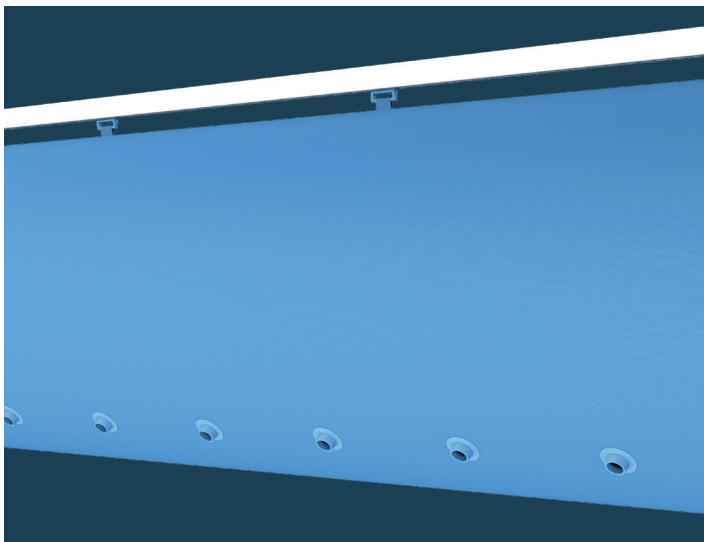


NozzFlow™

NozzFlow™ is used in applications where a very precise directional airflow is needed.

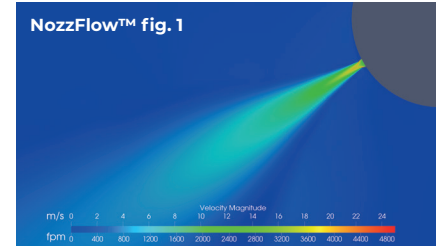
The discharge coefficient is almost equal to 1, due to the conical shape of the nozzle. This also results in higher discharge velocities than equivalently sized orifices, and longer, more precise directional throws.

Typically, NozzFlow™ is used in applications where there is a need to distribute air precisely with a medium to high velocity, such as process air in industrial refrigeration projects, pools, or applications with warm air distribution. The conical nozzle has a high discharge coefficient and the perpendicular air supply makes the airflow very predictable even at longer throws.

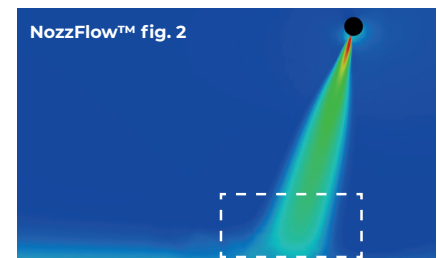


The flow is accelerated due to the conical shape of the nozzle. The acceleration rate depends on the static pressure inside the duct. The characteristics of NozzFlow™ makes it possible to precisely direct the air exactly where it is required.

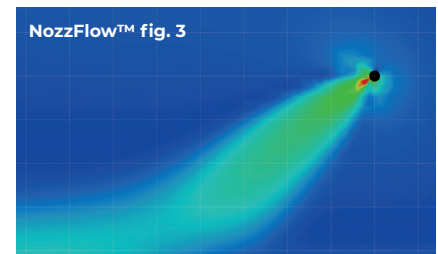
ΔT impact on air pattern



Air discharge through NozzFlow™ nozzle at 120 Pa [≈ 0.5 iwg] static pressure.



Example of Typical Application: Spot cooling at 7m [23 ft], ΔT of -7 K and 120 Pa [≈ 0.5 iwg] static pressure. The air is delivered exactly where it is required – marked by the highlighted box.



Example: Air pattern in cooling at ΔT of -6 K and 120 Pa [≈ 0.5 iwg] static pressure.