

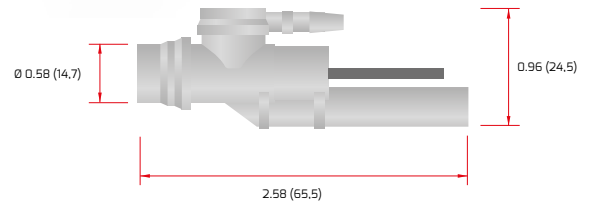
Datasheet

Micro IRt/c airpurge

Product Overview

This convenient and inexpensive kit makes it possible to use the micro IRt/c with air for service in harsh environments. Measuring only 65.5 mm (2.58) overall, the Micro IRt/c airpurge is physically small enough to fit into tight areas and closely monitor process temperatures from the optimum position - up close. This air purge kit ensures that the performance of a micro IRt/c does not degrade because of contamination by deposits of airborne chemicals or particles on the sensor.

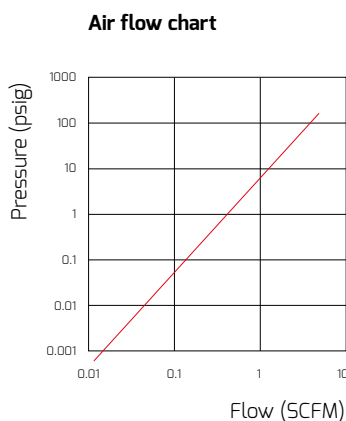
Efficient in design, the Micro IRt/c airpurge requires as little as 3.5 SCFH (1.7 L/min) of air to protect a micro IRt/c. In addition to keeping a micro IRt/c clean, the airflow through the air purge jacket can cool a micro IRt/c, allowing it to operate in environments of up to 175°C (347°F) with only 17 L/min (35 SCFH) at 0.33 bar (5 psig).



Technical Data

Ambient temperature without airpurge	-20 to 85°C (-29 to 185°F) permanent -20 to 100°C (-29 to 212°F) non permanent
Ambient temperature with airpurge	175°C (347°F)
Material	Makrolon-9415 GTX Resin GTX4110
Flow rate - pressure	17 L/min (35 SCFH) at 0.33 bar (5 psig)
Dimensions	See drawing
Tubing required	Attaches to standard 3/8" tube fitting or 3/8" ID tubing

Air flow chart



Air cooling chart

