

## APJ-1 Air Purge Jacket P/N 150066

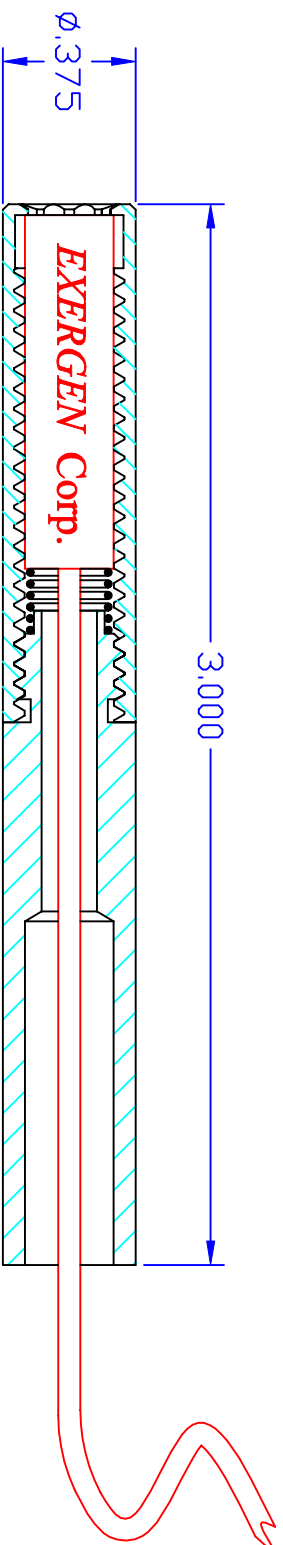
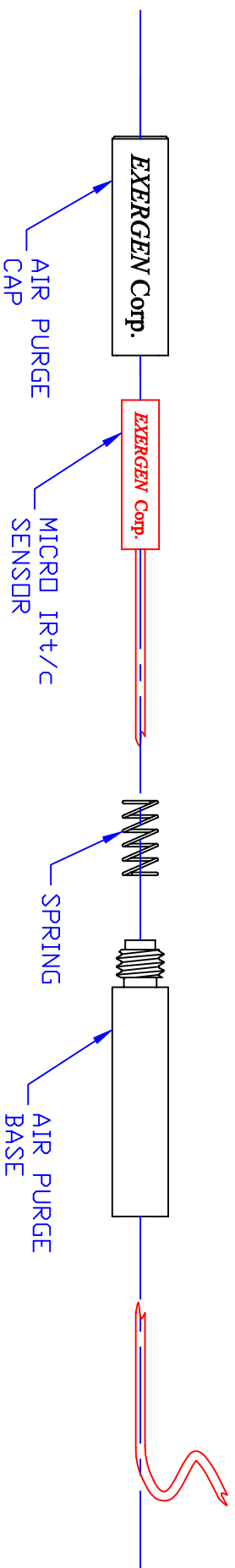


This convenient and inexpensive kit makes it possible to use the micro IRt/c™ with air for service in harsh environments. Measuring only 3/8" x 3" (9.5 x 76 mm) overall, the APJ-1 is physically small enough to fit into tight areas and closely monitor process temperatures from the optimum position - up 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 APJ-1 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 347 °F (175 °C) with only 35 SCFH (17 L/min) at 5 psig (0.33 bar).

### Features

- Small Size - 3/8" dia. x 3" long (9.5 x 76 mm)
- Aluminum housing
- Attaches to standard 3/8" tube fitting or 3/8" ID tubing
- Air purge and cooling

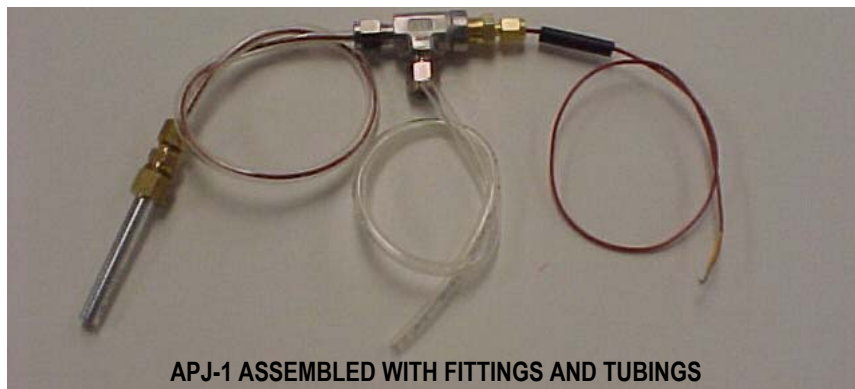
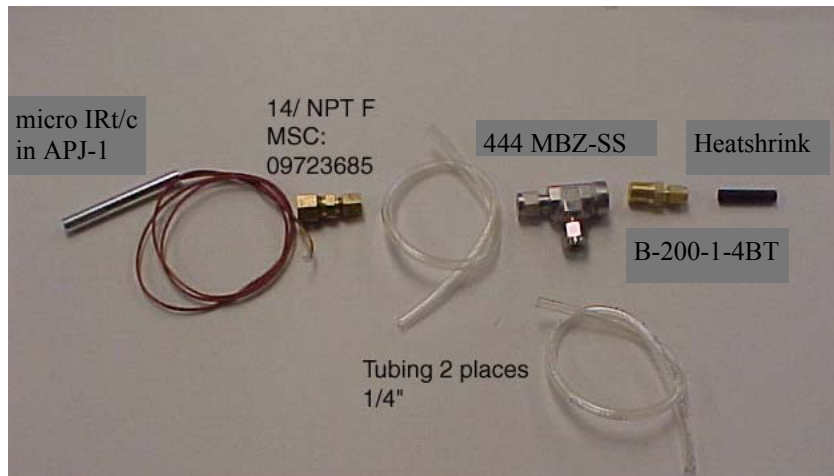
REV	ZONE	DESCRIPTION	ECO	DATE	APPROVED
1		Release to MFG	2045		



**SECTION OF ASSEMBLY**

<p><b>Exergen Corporation</b></p> <p>51 Water St. Watertown, MA 02472 617.923.9900 (F) 617.923.9911 www.exergen.com</p>		<p>UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES XX±.01 .XXX±.005 ANGLE±.1°</p>	
		<p>DR: G.Mannoogian 3/17/03</p> <p>CHK:</p> <p>APPD:</p> <p>APPD:</p>	<p><b>EXERGEN CORPORATION</b></p> <p>TITLE: DFU</p> <p>Air Purge Assembly Micro IRt/c</p>
<p>MATERIAL: N/A</p> <p>FINISH: N/A</p>		<p>SIZE: A</p> <p>DRAWING NO.: 818562</p> <p>SCALE: N/A</p>	<p>REV.: 1</p> <p>SHEET: 1 OF 1</p>

**RECOMMENDED (not included) FITTINGS AND TUBINGS FOR APJ-1 ASSEMBLY**



**PARTS LIST**

1. 1/4" NPT FEMALE COUPLING—MSC PART # 09723685
2. Polyurethane, vinyl, or copper tubing 1/4" (6mm)OD, 0.17" (4mm) ID.
3. Parker 444 MBZ-SS (or 444 MBZ-B) female run tee
4. Swagelock B-200-1-4BT (brass fitting) or SS-200-1-4BT (stainless fitting)
5. 3M 051135-36563—1/8" diameter adhesive lined semi rigid polyolefin MW heat shrink tubing (3/4" length)

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