

Technote #058

Air pump accessories

For IRt/c installations in which a purge air source is not convenient or is too costly to install, 3rd party air pump kits are ideal. Most air pumps are rated for continuous duty and produce 120 cubic inches / minute (2,000 cc/min) airflow. This is more than sufficient for purging, and will cool an IRt/c.3x in environments up to 120°C (248°F). Most pumps are available in both 120V AC and 12V DC versions. Air Pump Kits are recommended for installations

in which dust, dirt, or vapors are present which might coat the IRt/c lens. Also, for situations in which long-term operation has been a problem due to fouling of the lens. At low cost and small size, requiring only a few minutes to install, Air Pump Kits offer a convenient and inexpensive assurance of long term, trouble-free operation of your IRt/c temperature control system.

