

ECON-ZIP-10K

ZIP Economizer™ Temperature Sensor



Application

ECON-ZIP-10K allows for reliable temperature air readings. The sensor may be used for outdoor air (OAT), return air (RAT), or supply air (SAT) temperature measurements and control, with no configuration required. A minimum of one SAT and one OAT sensor is required for the ZIP Economizer to function. An RAT sensor can be added for differential temperature change over strategy. For best control results, sensors should be placed in the air stream. With the T-Bracket mounting is universal and can be inserted through the ductwork, fan housing or surface mounted.

Technical Data

Temperature Output Signal	NTC 10k Ohm, Type II
Connectors	1/4" female spade insulated connectors, 3 ft. cable
Accuracy	$\pm 0.36^{\circ}\text{F}$, ($\pm 0.2^{\circ}\text{C}$)
Stability Drift	less than $0.036^{\circ}\text{F}/\text{yr}$ [$0.02^{\circ}\text{C}/\text{yr}$]
Material	Etched Teflon, Plenum-Rated & FEP Jacketed Cable; Galvanized t-bracket
Ambient Temperature Range	-67°F to $+176^{\circ}\text{F}$ (-55°C to $+80^{\circ}\text{C}$)