

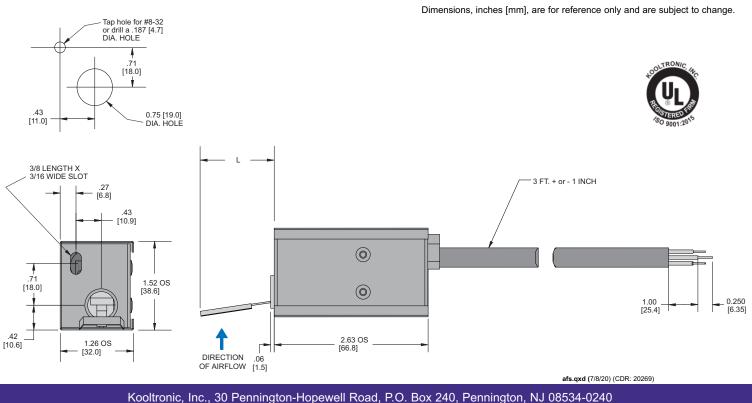
AIRFLOW SWITCH: Protects equipment against damage caused by loss of cooling airflow by activating an alarm or turning off power. The switch can be mounted on any suitable surface which allows the stainless steel air vane to be placed in the critical airstream. This switch is a single-pole double-throw type, with normally open and normally closed contacts.

The UL rating for the level actuated switch is 11 amps at 250 volts AC. A three foot [0.9m], three-wire power cord is provided, allowing connection to normally open or normally closed circuits.

The choice of air vanes is determined by location and orientation in the airstream, and the normal operating air velocity at the point of installation. Refer to the chart below or consult KOOLTRONIC Engineering for assistance.

| im. L" ax. | Vane | Airstr Increasing Air | Vertical Air eam Up Decreasing Air | Airstrea | | Arm Ho Increasing | Horizontal orizontal Decreasing | Arm V Vane | Vertical 2 Down |
|------------------|--|---|---|---|---|--|---|---|---|
| L" | · · · · · · | Increasing Air | Decreasing | Increasing | Decreasing | Increasing | | Vane | e Down |
| L" | · · · · · · | Air | - | - | | - | Decreasing | Increasing | Decreasing |
| L" | · · · · · · | | Air | Air | Air | | Decreasing Air Deactuate ft/min | Increasing Air Actuate ft/min | Decreasing Air Deactuate ft/min |
| - | · · · · · · | Actuate | | Air Actuate ft/min | Air Deactuate ft/min | Air Actuate ft/min | | | |
| ax. | | Actuate ft/min | Deactuate ft/min | | | | | | |
| члі | Length | | | | | | | | |
| [74.7] | 2.500 [63.5] | 550 | 400 | 700 | 600 | 500 | 400 | 600 | 400 |
| [68.0] | 1.875 [47.6] | 850 | 750 | 800 | 750 | 750 | 650 | 800 | 750 |
| [63.2] | 1.688 [42.9] | 950 | 800 | 900 | 800 | 1000 | 900 | 1200 | 1100 |
| [44.1] | 1.500 [38.1] | 1150 | 1000 | 1100 | 1000 | 1100 | 1050 | 1400 | 1300 |
| [52.1] | 1.250 [31.7] | 1200 | 1100 | 1100 | 900 | 1200 | 1100 | 1300 | 1200 |
| [45.8] | 1.000 [25.4] | 1400 | 1300 | 1300 | 1200 | 1350 | 1300 | 1600 | 1550 |
| [39.4] | 0.750 [19.0] | 1900 | 1850 | 1900 | 1800 | 1650 | 1450 | 1900 | 1800 |
| [37.8] | 0.687 [17.4] | 2100 | 1900 | 1800 | 1700 | 1950 | 1850 | 2000 | 1950 |
| [31.5] | 0.875 [22.2] | 2200 | 2000 | 2250 | 2150 | 2250 | 2150 | 2200 | 2100 |
| | [68.0] [63.2] [44.1] [52.1] [45.8] [39.4] [37.8] [31.5] | [68.0] 1.875 [47.6] [63.2] 1.688 [42.9] [44.1] 1.500 [38.1] [52.1] 1.250 [31.7] [45.8] 1.000 [25.4] [39.4] 0.750 [19.0] [37.8] 0.687 [17.4] [31.5] 0.875 [22.2] | [68.0] 1.875 [47.6] 850 [63.2] 1.688 [42.9] 950 [44.1] 1.500 [38.1] 1150 [52.1] 1.250 [31.7] 1200 [45.8] 1.000 [25.4] 1400 [39.4] 0.750 [19.0] 1900 [37.8] 0.687 [17.4] 2100 [31.5] 0.875 [22.2] 2200 | [68.0] 1.875 [47.6] 850 750 [63.2] 1.688 [42.9] 950 800 [44.1] 1.500 [38.1] 1150 1000 [52.1] 1.250 [31.7] 1200 1100 [45.8] 1.000 [25.4] 1400 1300 [39.4] 0.750 [19.0] 1900 1850 [37.8] 0.687 [17.4] 2100 1900 | [68.0] 1.875 [47.6] 850 750 800 [63.2] 1.688 [42.9] 950 800 900 [44.1] 1.500 [38.1] 1150 1000 1100 [52.1] 1.250 [31.7] 1200 1100 1100 [45.8] 1.000 [25.4] 1400 1300 1300 [39.4] 0.750 [19.0] 1900 1850 1900 [37.8] 0.687 [17.4] 2100 1900 1800 [31.5] 0.875 [22.2] 2200 2000 2250 | [68.0] 1.875 [47.6] 850 750 800 750 [63.2] 1.688 [42.9] 950 800 900 800 [44.1] 1.500 [38.1] 1150 1000 1100 1000 [52.1] 1.250 [31.7] 1200 1100 1100 900 [45.8] 1.000 [25.4] 1400 1300 1300 1200 [39.4] 0.750 [19.0] 1900 1850 1900 1800 [37.8] 0.687 [17.4] 2100 1900 1800 1700 [31.5] 0.875 [22.2] 2200 2000 2250 2150 | [68.0] 1.875 [47.6] 850 750 800 750 750 [63.2] 1.688 [42.9] 950 800 900 800 1000 [44.1] 1.500 [38.1] 1150 1000 1100 1000 1100 [52.1] 1.250 [31.7] 1200 1100 1100 900 1200 [45.8] 1.000 [25.4] 1400 1300 1300 1200 1350 [39.4] 0.750 [19.0] 1900 1850 1900 1800 1650 [37.8] 0.687 [17.4] 2100 1900 1800 1700 1950 [31.5] 0.875 [22.2] 2200 2000 2250 2150 2250 | [68.0] 1.875 [47.6] 850 750 800 750 750 650 [63.2] 1.688 [42.9] 950 800 900 800 1000 900 [44.1] 1.500 [38.1] 1150 1000 1100 1000 1100 1050 [52.1] 1.250 [31.7] 1200 1100 1100 900 1200 1100 [45.8] 1.000 [25.4] 1400 1300 1300 1200 1350 1300 [39.4] 0.750 [19.0] 1900 1850 1900 1800 1650 1450 [37.8] 0.687 [17.4] 2100 1900 1800 1700 1950 1850 [31.5] 0.875 [22.2] 2200 2000 2250 2150 2250 2150 | [68.0]1.875[47.6]850750800750750650800[63.2]1.688[42.9]95080090080010009001200[44.1]1.500[38.1]1150100011001000110010501400[52.1]1.250[31.7]120011001100900120011001300[45.8]1.000[25.4]1400130013001200135013001600[39.4]0.750[19.0]1900185019001800165014501900[37.8]0.687[17.4]2100190018001700195018502000[31.5]0.875[22.2]2200200022502150225021502200 |

DRAWINGS



Tel: (609) 466-3400 Fax: (609) 466-1114 kooltronic.com sales@kooltronic.com