



**KANOMAX**  
The Ultimate Measurements

# Airflow Transducer

## Models 6332 / 6332D

The airflow transducer model 6332/D is designed for fixed installation. The units can be wired with local electric for power and can be connected to any device that can accept analog output. Transducers are a good choice if you need to simultaneously measure airflow at multiple fixed points that may not be in proximity to other points. The relatively low cost of this solution makes it a good choice for facility management and integration into other equipment such as dataloggers, alarms or controllers.

### Features & Benefits

- 10 interchangeable probe options
- Probes quickly and easily attach/detach
- Digital Display Option (model 6332D)
- Selectable Output (Output can be set to either voltage (0 to 5V) or current (4 to 20mA))

### Applications

- Product Line Quality Control
- PCB Temperature Monitoring
- Air Velocity Monitor for Local Exhaust Ventilation and FFU (Fan Filter Unit)
- Residential Air Ventilation Monitoring



0963-00



0965-00 (80mm long w/horn)  
0965-01 & -09 (80mm long)  
0965-10 (400 mm long)



0965-03



0965-04



0965-07



0965-08



0962-00

## Main Unit Specifications

<b>Model</b>	<b>6332 / 6332D</b>				
<b>Measuring Object</b>	Clean air and compatible, non-combustible gases				
<b>Measuring Range</b>	Maximum range 0.1 ~ 50 m/s (Range dependant on probe type*)				
<b>Temperature Compensation Range</b>	0.1-4.99 m/s	5.00-9.99 m/s	10.0-24.9 m/s	25.0-50.0 m/s	
	5~40°C	±0.25 m/s	±0.50 m/s	±1.25 m/s	±2.50 m/s
	40~80°C	±0.35 m/s	±0.70 m/s	±1.75 m/s	±3.50 m/s
<b>Selectable Output Option</b>	(Set via onboard DIPswitch) Current output: DC 4~20mA (Max. load resistance: 250Ω) Voltage output: DC 0~5V				
<b>Selectable Range Option</b>	(Rotary Switch selectable) 0~2, 0~5, 0~10, 0~25, or 0~50 m/s				
<b>Display Resolution (Model 6332D only)</b>	Velocity Range: 0~2, 0~5, 0~10 m/s : Display Resolution: 0.01m/s Velocity Range: 0~25, 0~50 m/s : Display Resolution: 0.1m/s				
<b>Power Supply</b>	DC 12~24V				
<b>Power Consumption (Reference Value)</b>	Approx. 2.0W (Under the following conditions - power supply: 12V, air velocity: approx. 10m/s, using a unit with a display with probe model 0965-03.) Power consumption rate is subject to change according to conditions such as air velocity, probe type and use of display.				
<b>Connection Wire Size</b>	0.5 ~ 1.5 mm <sup>2</sup>				
<b>Operating Temperature Range</b>	5 ~ 40°C				
<b>Storage Temperature Range</b>	-10 ~ 50°C				
<b>Dimensions</b>	Approx. 128(W)×78(D)×30(H) mm				
<b>Weight</b>	Approx. 320g (11oz.)				
<b>Standard Accessory</b>	Operation Manual : 1, Main Unit Case: 1				
<b>Optional Accessory</b>	Probe Cable (10m, 20m, 30m), Display Unit (Supplied with a case with a display window and 2 installation screws.), Dedicated AC Adapter (DC12V)				

## Probe Specifications

Model	Probe Type	Velocity Range	Primary Feature
0962-00	Uni-Directional	20-9840 fpm (0.10-50.0 m/s)	tip is designed so it can easily be mounted in place
0963-00	Uni-Directional	20-9840 fpm (0.10-50.0 m/s)	basic probe
0965-00	Omni-Directional	20-4920 fpm (0.10-25.0 m/s)	spherical-tip probe with horn
0965-01	Omni-Directional	20-4920 fpm (0.10-25.0 m/s)	spherical-tip probe (no horn)
0965-03	Omni-Directional	20-4920 fpm (0.10-25.0 m/s)	miniature i-shaped probe
0965-04	Omni-Directional	20-4920 fpm (0.10-25.0 m/s)	miniature L-shaped probe
0965-07	Omni-Directional	20-4920 fpm (0.10-25.0 m/s)	miniature i-shaped probe, with independent temperature compensation
0965-08	Omni-Directional	20-4920 fpm (0.10-25.0 m/s)	miniature L-shaped probe, with independent temperature compensation
0965-09	Omni-Directional	20-9840 fpm (0.10-50.0 m/s)	spherical-tip probe, 80mm long
0965-10	Omni-Directional	20-9840 fpm (0.10-50.0 m/s)	spherical-tip probe, 400 mm long



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