

Model Comparisons

Advantage IV / EB-Flow II

	GTx116e-PC	GTx116e-P+	HTx104-PE	HTx104-T	EF-x2000-T	EF-x1000-T	EF-x2000-U	GTx108e-F/An	GTx108e-F /SI & /DI	HTx104-F /SI & /DI	HTx104-B	EF-x2000-B
Thermal Dispersion Sensor Node Assembly												
	DUCT & PLENUM PROBES							FAN INLETS			BLEED	
Bead-in-glass Self-heated Thermistor	•	•	•	•	•	•	•	•	•	•	•	•
Bead-in-glass Temperature Sensor	•	•	•	•	•	•	•	•	•	•	•	•
Maximum Sensor Nodes per Transmitter	16	16	4	2	2	2	2	8	4	4	1	1
Maximum Probes per Transmitter	4	4	2	1	1	1	2	8	4	4	1	1
Maximum Sensors/Probe	8	8	4	2	2	2	1	1	1	1	1	1
Humidity Sensor Assembly (Requires /H Option)												
Ruggedized Capacitive Polymer Sensor	•											
Maximum Sensor Assemblies per Transmitter	1											
Mounting Options												
Duct & Plenum Probes												
Insertion, Internal and Standoff (Round, Rectangle, Oval)	•	•	•									
Insertion (Round)				•	•	•						
Insertion and Standoff (Universal Mounting)							•					
Fan Inlets (Adjustable)												
Fan Throat Mount (Traditional Brackets)								•	•			
Fan Face Mount (Traditional Brackets)								•	•	•		
Fan Forward Mount (Traditional Brackets)								•	•	•		
Backdraft Damper Mount (Traditional Brackets)								•	•	•		
"Bleed" Airflow Sensors - 1/2" NPT Female Connections											•	•
Probe to Transmitter Connections												
FEP Plenum Rated Cable (10 ft. standard, up to 50 ft.)	•	•	•	•	•	N/A	•	•	•	•	•	•
Airflow Measurement												
NIST Traceable Calibration Standard	•	•	•	•	•	•	•	•	•	•	•	•
Individual Sensor Node Accuracy (% of reading)	±2	±2	±2	±3	±3	±3	±3	±2	±2	±2	±2	±2
Installed Accuracy without Adjustment (% of reading) ¹	±3	±3	±3/10	±3	±3	±3	< ±15	< ±10	< ±10	< ±10	N/A	N/A
Adjusted Accuracy to Third Party Reference (% of reading)	±3	±3	±3	±3	±3	±3	±3	±3	±3	±3	N/A	N/A
Airflow Measurement Range (Min/Max FPM)	0/5000	0/5000	0/5000	0/3000	0/2000 ²	0/2000 ²	0/2000 ²	0/10000	0/10000	0/10000	±3000	±2000 ²
Temperature Measurement												
NIST Traceable Calibration Standard	•	•	•	•	•	•	•	•	•	•	•	•
Velocity Weighted Temperature	•	•	•	•	•	•	•	•	•	•	N/A	N/A
Sensor Node Accuracy (°F)	±0.15	±0.15	±0.15	±0.15	±0.15	±0.15	±0.15	±0.15	±0.15	±0.15	±0.15	±0.15
Humidity Measurement (Requires /H Option)												
	DUCT & PLENUM PROBES							FAN INLETS			BLEED	
Accuracy @ 77°F (%RH, 20 to 80%RH/<20 and >80%RH)	±2/3.5											
Temperature Coefficient (%/°F)	0.07											
Long Term Drift (%RH/year)	0.5											
Velocity Weighted RH and Enthalpy	•											
Dewpoint	•											
Alarm Capability												
High/Low Airflow Alarms	•	•	•	•	•	•	•	•	•	•	•	•
Fan Airflow Alarm								•				
System Status Alarm	•	•	•	•	•	•	•	•	•	•	•	•
Contact Closure Alarm Relay (Assignable)					•	•						•
Display												
16 Character x 2 Row Alpha-numeric LCD (backlit)	•	•						•	•			
16 Character x 1 Row Alpha-numeric LCD (non backlit)			•	•	•		•			•	•	•

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Connectivity Options (Model code placeholder x=A, C, F, M, N, or U)												
Linear Analog Output Signals (AO1, AO2, AO3) ³	A,C,F,M,U	A,C,F,M,U	A	A	A	A	A ⁴	A,C,F,M,U	A,C,F,M,U	A	A	A
RS-485 BACnet/Modbus	C	C	N	N	N	N	N	C	C	N	N	N
Ethernet BACnet/Modbus	M	M						M	M			
Lonworks Free Topology	F	F						F	F			
USB "Thumb Drive" Datalogger	U	U						U	U			
Phone/Tablet Applications (Free Download for Android® and iOS systems®)												
EB-Link Reader w/Bluetooth® low energy Interface	•	•						•	•			
Operating Ranges												
Probe Temperature Range (Min/Max °F)	-20/160	-20/160	-20/160	-20/160	-20/160 ²	-20/120 ²	-20/160 ²	-20/160	-20/160	-20/160	-20/160	-20/160 ²
Transmitter Temperature Range (Min/Max °F)	-20/120	-20/120	-20/120	-20/120	-20/120	-20/120	-20/120	-20/120	-20/120	-20/120	-20/120	-20/120
Probe Humidity Range (% RH, non-condensing)	0/100	0/100	0/100	0/100	0/100	0/100	0/100	0/100	0/100	0/100	0/100	0/100
Transmitter Humidity Range (% RH)	5/95	5/95	5/95	5/95	5/95	5/95	5/95	5/95	5/95	5/95	5/95	5/95
Listings & Ratings												
UL/cUL	•	•	•	•	•	•	•	•	•	•	•	•
CE	•	•	•	•				•	•	•	•	
UKCA	•	•	•	•				•	•	•	•	
BTL Listed (BACnet devices only)	•	•	•	•				•	•	•	•	
FCC Part-15	•	•	•	•	•	•	•	•	•	•	•	•

Note 1 - When installed in accordance to published guidelines.

Note 2 - 0/3000 FPM when minimum temp is greater than 0 °F

Note 3 - AO1=Airflow - AO2=Temperature or Alarm - AO3 (required /H option)=RH, Enthalpy, or Dewpoint

Note 4 - For dual location configurations AO1=Airflow1 (AF1), Airflow1 - Airflow2, or Airflow2 - Airflow1; AO2=Airflow2 (AF2), Airflow1 - Airflow2, or Airflow2 - Airflow1