

EBT720/EBT721 Specifications

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range	differential pressure	±15 in. H ₂ O, (3735 Pa) 150 in. H ₂ O maximum safe operating pressure
	absolute pressure	15 to 40 in. Hg (356 to 1016 Hg)
	velocity	25 to 8,000 ft/min (0.125 to 40 m/s) pitot probes; 25 to 5,000 ft/min (0.125 to 25 m/s) air flow probe; 25 to 2,500 ft/min (0.125 to 12.5 m/s) velocity matrix;
	volume	25 to 2,500 ft ³ /m (42 to 4250 m ³ /h) capture hood
	RH	0 to 95% RH (optional probe)
	temperature	-40 to 250 degrees F (-40 to 121 degrees C) probe dependant
resolution	pressure	0.00001 in. H ₂ O (0.001 Pa) Static & Differential Pressure 0.001 in. Hg (1 mm Hg) Absolute Pressure
	velocity	0.1 ft/min (0.1 m/s)
	volume	0.1 ft ³ /min (0.1 m ³ /h)
	RH	0.1% RH
	temperature	0.1 degrees F (0.1 degrees C)
accuracy	pressure	±2% of reading ±0.001 in. H ₂ O, (0.025 mm H ₂ O); ±2% of reading ±0.001 in. Hg) Absolute
	velocity	±3% of reading ±7 ft/min (0.04 m/s) 25 to 8,000 ft/min (all velocity probes) > 50 ft/min
	volume	±3% of reading ±7 ft ³ /min 25 to 2,500 ft ³ /min > 50 ft/min
	RH	±3% RH
	temperature	±0.5 degrees F (0.3 degrees C) from 32 to 160 degrees F (0 to 71 degrees C) typically ±1.0 degrees F (0.6 degrees C) from -40 to 32 degrees F (-40 to 0 degrees C) and from 160 to 250 degrees F (71 to 121 degrees C)
units	pressure	in. H ₂ O, Pa, mm Hg, in. Hg
	velocity	ft/min, m/s, m/h
	volume	ft ³ /min, m ³ /h, m ³ /m, l/s
	temperature	degrees F, degrees C