

**ELECTRA-flo PROBE & SENSOR DENSITY
THERMAL AIRFLOW MEASURING SYSTEM
LEVEL 1, LEVEL 2 & LEVEL 3**

PROBE QUANTITY/SENSOR DENSITY - RECTANGULAR PROBE ARRAYS & STATIONS

LEVEL 1

Probe Length Dimension in inches

Adjacent Side Dimension in inches		18	24	30	36	44	48	54	60	66	72	84	96	108	120	
	18	2/2	2/3	2/3	2/4	2/4	2/4	2/4	2/5	2/6	2/6	2/7	2/7	2/8	2/8	
	24	3/2	3/3	3/3	3/3	3/3	3/4	3/4	3/5	3/6	3/6	3/6	3/6	3/7	3/7	3/7
	30	3/2	3/3	3/3	3/3	3/4	3/4	3/5	3/6	3/6	3/6	3/6	3/6	3/7	3/7	3/7
	36	4/2	3/3	3/3	3/4	3/4	3/5	3/6	3/6	3/6	3/6	3/6	3/6	3/7	3/7	3/7
	44	4/2	3/3	4/3	4/3	3/5	3/6	3/6	3/6	3/6	3/6	3/6	3/6	3/7	3/7	3/8
	48	4/2	4/3	4/3	5/3	6/3	3/6	3/6	3/6	3/6	3/6	3/6	3/7	3/7	3/8	3/8
	54	4/2	4/3	5/3	6/3	6/3	6/3	3/6	3/6	3/6	3/6	3/7	3/7	3/8	3/8	3/8
	60	5/2	5/3	6/3	6/3	6/3	6/3	6/3	3/6	3/7	3/7	3/8	3/8	3/8	3/8	4/7
	66	6/2	6/3	6/3	6/3	6/3	6/3	6/3	7/3	3/7	3/8	3/8	3/8	3/8	4/7	4/7
	72	6/2	6/3	6/3	6/3	6/3	6/3	7/3	7/3	4/6	3/8	3/8	4/7	4/7	4/7	4/7
	84	7/2	6/3	6/3	6/3	6/3	7/3	7/3	6/4	4/6	4/6	4/7	4/7	4/7	4/7	4/8
	96	7/2	7/3	7/3	7/3	7/3	7/3	6/4	6/4	4/6	7/4	4/7	4/7	4/7	4/8	4/8
	108	8/2	7/3	7/3	7/3	7/3	6/4	6/4	6/4	7/4	7/4	4/7	4/8	4/8	4/8	4/8
120	8/2	7/3	7/3	7/3	6/4	6/4	6/4	7/4	7/4	7/4	4/7	4/8	4/8	4/8	4/8	

LEVEL 2

Probe Length Dimension in inches

Adjacent Side Dimension in inches		18	24	30	36	44	48	54	60	66	72	84	96	108	120	
	18	1/3	2/2	2/2	2/3	2/3	2/3	2/3	2/3	2/4	2/4	2/4	2/6	2/6	2/6	
	24	2/2	2/3	2/3	2/3	2/3	2/4	2/4	2/4	2/4	2/4	2/6	2/6	2/8	2/8	2/8
	30	2/2	3/2	2/3	2/3	2/4	2/4	2/4	2/6	2/6	2/6	2/8	2/8	2/8	2/8	
	36	3/2	3/2	3/2	3/3	3/3	3/4	3/4	3/4	4/4	4/4	4/4	4/4	4/4	4/4	3/6
	44	3/2	3/2	4/2	3/3	3/4	3/4	3/4	4/4	4/4	4/4	4/4	4/4	4/4	3/6	3/6
	48	3/2	4/2	4/2	3/4	3/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	3/6	3/6	3/6
	54	3/2	4/2	4/2	3/4	3/4	4/4	4/4	4/4	4/4	4/4	4/4	3/6	3/6	3/6	4/5
	60	3/2	4/2	4/3	3/4	4/4	4/4	4/4	4/4	4/4	4/4	3/6	3/6	3/6	4/5	4/5
	66	3/3	4/2	4/3	4/4	4/4	4/4	4/4	4/4	4/4	3/6	3/6	3/6	4/5	4/5	4/5
	72	3/3	4/3	4/3	4/4	4/4	4/4	4/4	4/4	3/6	3/6	3/6	4/5	4/5	4/5	4/5
	84	3/3	4/3	5/3	4/4	4/4	4/4	3/6	3/6	3/6	4/5	4/5	4/5	4/5	4/5	4/6
	96	4/3	5/3	5/3	4/4	4/4	3/6	3/6	3/6	4/5	4/5	4/5	4/5	4/5	4/6	4/6
	108	4/3	5/3	5/3	4/4	4/4	3/6	3/6	4/5	4/5	4/5	4/5	4/5	4/6	4/6	4/6
120	4/3	5/3	5/3	4/4	4/4	3/6	4/5	4/5	4/5	4/5	4/5	4/6	4/6	4/6	4/6	

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PROBE QUANTITY/SENSOR DENSITY - RECTANGULAR PROBE ARRAYS & STATIONS

LEVEL 3

Probe Length Dimension in inches

Adjacent Side Dimension in inches		18	24	30	36	44	48	54	60	66	72	84	96	108	120		
	18	1/2	1/2	1/3	1/4	1/4	1/4	1/4	1/4	1/6	1/6	1/6	1/6	1/6	1/6	1/6	
	24	1/3	1/3	2/2	2/2	2/2	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/4	2/4	2/4	
	30	1/3	2/2	2/2	2/2	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/4	2/4	2/4	2/4	
	36	2/2	2/2	2/2	2/3	2/3	2/3	2/3	2/3	2/3	2/4	2/4	2/4	2/4	2/4	2/4	
	44	2/2	2/2	2/3	2/3	2/3	2/3	2/3	2/3	2/4	2/4	2/4	2/4	2/4	2/4	2/4	2/6
	48	2/2	2/3	2/3	2/3	2/3	2/4	2/4	2/4	2/4	2/4	2/4	2/4	2/4	2/4	2/6	2/6
	54	2/2	3/2	3/2	2/3	3/2	2/4	2/4	3/3	3/3	3/3	3/3	3/3	3/4	3/4	3/4	3/4
	60	2/2	3/2	3/2	3/2	3/2	3/3	3/3	3/3	3/3	3/3	3/3	3/4	3/4	3/4	3/4	3/4
	66	2/2	3/2	3/2	3/2	4/2	3/3	3/3	3/3	3/3	3/3	3/4	3/4	3/4	3/4	3/4	3/4
	72	3/2	3/2	3/2	3/2	4/2	3/3	3/3	3/3	3/3	3/4	3/4	3/4	3/4	3/4	3/4	3/4
	84	3/2	3/2	4/2	4/2	4/2	3/3	3/3	4/3	4/3	4/3	4/3	3/4	3/4	3/4	3/4	3/4
	96	3/2	4/2	4/2	4/2	4/2	3/3	4/3	4/3	4/3	4/3	4/3	4/3	3/4	4/4	4/4	4/4
	108	3/2	4/2	4/2	4/2	4/2	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/4	4/4	4/4	4/4
120	3/2	4/2	4/2	4/2	4/3	4/3	4/3	4/3	4/3	4/3	4/3	4/4	4/4	4/4	4/4	4/4	

PROBE QUANTITY/SENSOR DENSITY - CIRCULAR PROBE ARRAYS & STATIONS

LEVEL 1

Diameter	QTY
18 to <26	2/2
26 to <36	2/4
36 to <42	2/4
42 to <48	2/4
48 to <66	3/6
66 to <84	3/8
84 to <120	4/8

LEVEL 2

Diameter	QTY
18 to <26	1/2
26 to <36	2/2
36 to <42	2/4
42 to <48	3/4
48 to <66	3/4
66 to <84	3/6
84 to <120	4/6

LEVEL 3

Diameter	QTY
18 to <26	1/2
26 to <36	1/4
36 to <42	2/2
42 to <48	2/4
48 to <66	2/4
66 to <84	3/4
84 to <120	4/4