#### ZERO LEAK PROJECTION

■ Gives Area of Search.

HIT DIVIDE HIT HIT HIT MULTIPLY EQUAL DIVIDE BUTTON BUTTON BUTTON BUITTON  $\times$  1000 = AIR INPLIT FLOW BATE UNITS OF MAXIMUM FEET PRESSURE OF CABLE RESISTANCE LEAK CAN BE

HIT HIT HIT HIT HIT MINUS DIVIDE DIVIDE MULTIPLY **EQUAL** BUTTON BUTTON BUTTON BUTTON BUTTON  $\times 1000$ =

OF CABLE

(SEE CHART)

- Single feed only.
- Must do a ZLP first.
- Gives exact location of leak.

**BACK PROJECTION** 

AIR INPUT PRESSURE READING FLO

PRESSURE

(PSI)

(PSI)

PRESSURE READING FLOW RATE PAST ZERO LEAK OF CABLE PROJECTION (SCFH)

(SCFH)

- UNITS OF RESISTANCE OF CABLE (PER 1000')
- LOCATION IN FEET OF LEAK FROM FIRST PRESSURE MEASUREMENT POINT

FROM AIR

## CALCULATING AIR FLOW (SCFH)

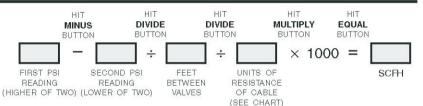
■ How much air is going where?

50

25

6.0

10.0



### System Studies Incorporated



# Pocket Pressurization Calculator Card™

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#### **PULP CABLE RESISTANCE** PNEUMATIC RESISTANCE VALUES PER 1000 FEET NUMBER 49 OF PAIRS 9 26 3600 0.6 3000 0.7 2700 0.8 2400 1.0 2100 1.3 1800 0.9 1.6 1500 1.2 1.8 1200 0.7 1.5 2.2 1100 0.8 900 1.0 1.9 3.0 600 1.5 2.5 4.5 450 0.7 1.8 400 0.8 2.0 4.0 6.0 7.5 300 1.0 3.0 5.0 200 1.5 4.0 8.0 11.5 5.0 15.0 150 2.0 10.0 100 3.0 7.5 13.0 20.0 75 4.0 10.0 16.0 25.0

15.0

25.0

20.0

40.0

40.0

50.0

PIC CABLE RESISTANCE				
NUMBER	PNEUMATIC RESISTANCE VALUES PER 1000 FEET			
OF PAIRS	19 <sup>1</sup>	22°	249	26ag
3600	_	_	_	0.1
3000	_	_	_	0.1
2700	_	_	_	0.2
2400	_	_	_	0.3
2100	_	_	_	0.4
1800	1 <del></del>		0.2	0.4
1500	<del>-</del>	_	0.3	0.5
1200	_	_	0.4	0.6
900	_	_	0.4	0.6
600	_	0.2	0.5	0.8
400		0.3	0.6	1.4
300	0.1	0.4	0.8	1.8
200	0.2	0.6	1.2	2.7
150	0.3	0.8	1.7	3.7
100	0.4	1.2	2.5	5.5
75 50	0.5	1.6	3.4	7.4
50	0.7	2.4	5.1	11.0
25 16	1.4	5.1	11.0	22.0
11	2.2	8.2	17.0	33.0 51.0
	3.2	12.0	26.0	51.0

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