



**MATHESON**

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**MATHESON**

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|                |                 |                  |                       |
|----------------|-----------------|------------------|-----------------------|
| UNITS          | : SCCM FREON 12 | DATE             | : 09-28-93 (F)        |
| TUBE NUMBER    | : 601 (E200)    | STD CONDITIONS   | : 1 ATMOS. & 70 DEG F |
| SERIAL NUMBER  | : TYPICAL       | GAS TEMPERATURE  | : 70 DEG F            |
| FLOAT MATERIAL | : GLASS         | PRESSURE IN TUBE | : 20 PSIG             |

E201FR20.DAT

| SCALE<br>READING | FLOW<br>RATE | SCALE<br>READING | FLOW<br>RATE | SCALE<br>READING | FLOW<br>RATE | SCALE<br>READING | FLOW<br>RATE |
|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| 150.0            | 70.4510      | 110.0            | 40.1910      | 70.0             | 19.0518      | 30.0             | 6.5093       |
| 149.0            | 69.5928      | 109.0            | 39.5488      | 69.0             | 18.6405      | 29.0             | 6.2864       |
| 148.0            | 68.7393      | 108.0            | 38.9125      | 68.0             | 18.2347      | 28.0             | 6.0671       |
| 147.0            | 67.8907      | 107.0            | 38.2820      | 67.0             | 17.8343      | 27.0             | 5.8514       |
| 146.0            | 67.0469      | 106.0            | 37.6573      | 66.0             | 17.4392      | 26.0             | 5.6393       |
| 145.0            | 66.2080      | 105.0            | 37.0385      | 65.0             | 17.0496      | 25.0             | 5.4307       |
| 144.0            | 65.3741      | 104.0            | 36.4256      | 64.0             | 16.6653      | 24.0             | 5.2255       |
| 143.0            | 64.5451      | 103.0            | 35.8185      | 63.0             | 16.2864      | 23.0             | 5.0236       |
| 142.0            | 63.7211      | 102.0            | 35.2173      | 62.0             | 15.9127      | 22.0             | 4.8250       |
| 141.0            | 62.9022      | 101.0            | 34.6219      | 61.0             | 15.5443      | 21.0             | 4.6296       |
| 140.0            | 62.0884      | 100.0            | 34.0324      | 60.0             | 15.1811      | 20.0             | 4.4373       |
| 139.0            | 61.2797      | 99.0             | 33.4488      | 59.0             | 14.8231      | 19.0             | 4.2481       |
| 138.0            | 60.4761      | 98.0             | 32.8711      | 58.0             | 14.4702      | 18.0             | 4.0619       |
| 137.0            | 59.6778      | 97.0             | 32.2992      | 57.0             | 14.1225      | 17.0             | 3.8786       |
| 136.0            | 58.8847      | 96.0             | 31.7332      | 56.0             | 13.7798      | 16.0             | 3.6982       |
| 135.0            | 58.0968      | 95.0             | 31.1731      | 55.0             | 13.4422      | 15.0             | 3.5206       |
| 134.0            | 57.3142      | 94.0             | 30.6189      | 54.0             | 13.1096      | 14.0             | 3.3457       |
| 133.0            | 56.5370      | 93.0             | 30.0705      | 53.0             | 12.7819      | 13.0             | 3.1733       |
| 132.0            | 55.7652      | 92.0             | 29.5279      | 52.0             | 12.4592      | 12.0             | 3.0036       |
| 131.0            | 54.9987      | 91.0             | 28.9912      | 51.0             | 12.1413      | 11.0             | 2.8363       |
| 130.0            | 54.2376      | 90.0             | 28.4604      | 50.0             | 11.8283      | 10.0             | 2.6714       |
| 129.0            | 53.4820      | 89.0             | 27.9354      | 49.0             | 11.5200      | 9.0              | 2.5088       |
| 128.0            | 52.7319      | 88.0             | 27.4162      | 48.0             | 11.2165      | 8.0              | 2.3485       |
| 127.0            | 51.9872      | 87.0             | 26.9028      | 47.0             | 10.9177      | 7.0              | 2.1903       |
| 126.0            | 51.2481      | 86.0             | 26.3952      | 46.0             | 10.6236      | 6.0              | 2.0342       |
| 125.0            | 50.5145      | 85.0             | 25.8935      | 45.0             | 10.3341      | 5.0              | 1.8801       |
| 124.0            | 49.7866      | 84.0             | 25.3975      | 44.0             | 10.0491      |                  |              |
| 123.0            | 49.0642      | 83.0             | 24.9072      | 43.0             | 9.7686       |                  |              |
| 122.0            | 48.3474      | 82.0             | 24.4228      | 42.0             | 9.4927       |                  |              |
| 121.0            | 47.6363      | 81.0             | 23.9441      | 41.0             | 9.2211       |                  |              |
| 120.0            | 46.9308      | 80.0             | 23.4711      | 40.0             | 8.9538       |                  |              |
| 119.0            | 46.2310      | 79.0             | 23.0038      | 39.0             | 8.6909       |                  |              |
| 118.0            | 45.5369      | 78.0             | 22.5422      | 38.0             | 8.4322       |                  |              |
| 117.0            | 44.8485      | 77.0             | 22.0863      | 37.0             | 8.1778       |                  |              |
| 116.0            | 44.1658      | 76.0             | 21.6360      | 36.0             | 7.9275       |                  |              |
| 115.0            | 43.4889      | 75.0             | 21.1913      | 35.0             | 7.6812       |                  |              |
| 114.0            | 42.8177      | 74.0             | 20.7523      | 34.0             | 7.4390       |                  |              |
| 113.0            | 42.1524      | 73.0             | 20.3189      | 33.0             | 7.2008       |                  |              |
| 112.0            | 41.4928      | 72.0             | 19.8910      | 32.0             | 6.9665       |                  |              |
| 111.0            | 40.8390      | 71.0             | 19.4687      | 31.0             | 6.7360       |                  |              |