

file name:94100226

sized:11/11/1994

meter identification: 94100226 tag:
 application customer: ARGONNE LABS
 V-Cone model number: V000A - A L

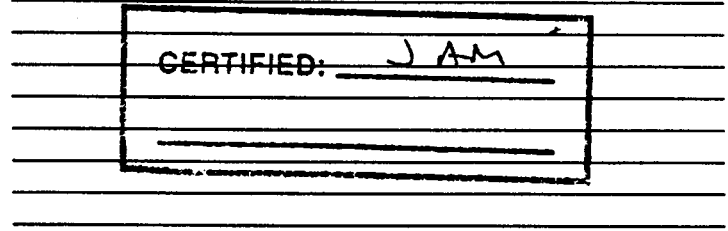
fluid: Water/water

comments: _____

fluid boiling point: 671.800 R

Operating Conditions:

temperature: 75.000 F
 pressure: 150.000 psiG
 fluid mass: 62.098#/ft3
 viscosity: 0.834 cP
 Z-factor: 0.003



Meter Specifications:

inside diameter: 0.438in
 cone diameter: 0.299in
 beta ratio: 0.7307
 Fa: 1.0001

turndown: 10.0to1 Cf: 0.7660
 - Cf is linear to flowrate -

| FLOWRATE (GPM) | DIFF-PRESS (inWC) | VELOCITY (f/s) | REYNOLDS NUMBER | COEFFICIENT OF FLOW |
|---------------------|------------------------|---------------------|--------------------|------------------------|
| 4.0002 | 57.492 | 8.52 | 34394. | 0.76600 |
| 3.4512 | 42.796 | 7.35 | 29675. | 0.76600 |
| 3.1964 | 36.709 | 6.80 | 27483. | 0.76600 |
| 2.9861 | 32.038 | 6.36 | 25675. | 0.76600 |
| 2.7966 | 28.100 | 5.95 | 24046. | 0.76600 |
| 2.6183 | 24.631 | 5.57 | 22512. | 0.76600 |
| 2.4459 | 21.494 | 5.21 | 21030. | 0.76600 |
| 2.2759 | 18.610 | 4.85 | 19569. | 0.76600 |
| 2.1053 | 15.926 | 4.48 | 18102. | 0.76600 |
| 1.9315 | 13.404 | 4.11 | 16607. | 0.76600 |
| 1.7513 | 11.019 | 3.73 | 15058. | 0.76600 |
| 1.5606 | 8.7510 | 3.32 | 13419. | 0.76600 |
| 1.3537 | 6.5837 | 2.88 | 11639. | 0.76600 |
| 1.1198 | 4.5050 | 2.38 | 9627.9 | 0.76600 |
| 0.83495 | 2.5048 | 1.78 | 7179.1 | 0.76600 |
| 0.40000 | 0.57487 | 0.852 | 3439.3 | 0.76600 |

sized by: J Am, approval: _____