

file name:94100169

sized:11/30/1994

meter identification: 94100169 tag:
 application customer: ARGONNE LABS
 V-Cone model number: V000B

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

CERTIFIED: *JAM*

Meter Specifications:

inside diameter: 0.656in
 cone diameter: 0.419in
 beta ratio: 0.7694
 Fa: 1.0001

turndown: 10.0 to 1 Cf: 0.7710

- Cf is linear to flowrate -

FLOWRATE (GPM)	DIFF-PRESS (inWC)	VELOCITY (f/s)	REYNOLDS NUMBER	COEFFICIENT OF FLOW
10.000	52.098	9.49	57410.	0.77100
8.6279	38.781	8.19	49532.	0.77100
7.9908	33.265	7.58	45874.	0.77100
7.4651	29.032	7.08	42856.	0.77100
6.9913	25.464	6.64	40136.	0.77100
6.5455	22.320	6.21	37577.	0.77100
6.1146	19.478	5.80	35103.	0.77100
5.6896	16.864	5.40	32663.	0.77100
5.2632	14.431	5.00	30216.	0.77100
4.8286	12.147	4.58	27721.	0.77100
4.3781	9.9855	4.16	25134.	0.77100
3.9015	7.9300	3.70	22398.	0.77100
3.3841	5.9661	3.21	19428.	0.77100
2.7993	4.0824	2.66	16071.	0.77100
2.0873	2.2698	1.98	11983.	0.77100
0.99997	0.52094	0.949	5740.8	0.77100

sized by: *Candy Parker*, 11/30/94 approval: _____