

file name: 94100160

sized: 11/30/1994

meter identification: 94100160 tag:
 application customer: ARGONNE LABS
 V-Cone model number: V000B *AL*

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: 0.7830
 - Cf is linear to flowrate -

FLOWRATE (GPM)	DIFF-PRESS (inWC)	VELOCITY (f/s)	REYNOLDS NUMBER	COEFFICIENT OF FLOW
10.000	50.513	9.49	57410.	0.78300
8.6279	37.601	8.19	49532.	0.78300
7.9908	32.253	7.58	45874.	0.78300
7.4651	28.149	7.08	42856.	0.78300
6.9913	24.689	6.64	40136.	0.78300
6.5455	21.641	6.21	37577.	0.78300
6.1146	18.885	5.80	35103.	0.78300
5.6896	16.351	5.40	32663.	0.78300
5.2632	13.992	5.00	30216.	0.78300
4.8286	11.777	4.58	27721.	0.78300
4.3781	9.6818	4.16	25134.	0.78300
3.9015	7.6888	3.70	22398.	0.78300
3.3841	5.7846	3.21	19428.	0.78300
2.7993	3.9582	2.66	16071.	0.78300
2.0873	2.2008	1.98	11983.	0.78300
0.99997	0.50509	0.949	5740.8	0.78300

sized by: *Cathy Jaker*, 11/30/94, approval: _____