

file name: 94102250

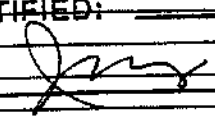
sized: 12/20/1994

meter identification: 94102250 tag:
 application customer: ARGONNE LABS
 V-Cone model number: V000A-1L

fluid: Water/water

comments: _____

fluid boiling point: 671.800 R

CERTIFIED: _____ 

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: 0.371in
 beta ratio: 0.5315
 Fa: 1.0001

turndown: 10.0tol Cf: 0.8080
 - Cf is linear to flowrate -

FLOWRATE (GPM)	DIFF-PRESS (inWC)	VELOCITY (f/s)	REYNOLDS NUMBER	COEFFICIENT OF FLOW
1.9999	59.382	4.26	17195.	0.80800
1.7254	44.203	3.67	14836.	0.80800
1.5980	37.915	3.40	13740.	0.80800
1.4929	33.091	3.18	12836.	0.80800
1.3981	29.024	2.98	12022.	0.80800
1.3090	25.441	2.79	11255.	0.80800
1.2228	22.201	2.60	10514.	0.80800
1.1378	19.222	2.42	9783.2	0.80800
1.0525	16.449	2.24	9050.1	0.80800
0.96564	13.845	2.06	8302.8	0.80800
0.87553	11.382	1.86	7528.1	0.80800
0.78023	9.0387	1.66	6708.7	0.80800
0.67676	6.8002	1.44	5818.9	0.80800
0.55981	4.6531	1.19	4813.4	0.80800
0.41743	2.5872	0.889	3589.2	0.80800
0.19998	0.59377	0.426	1719.5	0.80800

sized by Caulyparker, 12/20/94 approval: _____