

file name:94100243

sized:11/21/1994

meter identification: 94100243 tag:
 application customer: ARGONNE LABS
 V-Cone model number: V000A-AL

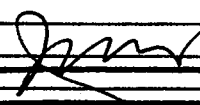
fluid: Water/water

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: _____


Meter Specifications:

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

turndown: 10.0tol Cf: 0.7760

Cf is linear to flowrate -

FLOWRATE (GPM)	DIFF-PRESS (inWC)	VELOCITY (f/s)	REYNOLDS NUMBER	COEFFICIENT OF FLOW
4.0000	56.015	8.52	34393.	0.77600
3.4511	41.697	7.35	29673.	0.77600
3.1962	35.766	6.80	27482.	0.77600
2.9860	31.215	6.36	25674.	0.77600
2.7965	27.378	5.95	24045.	0.77600
2.6182	23.998	5.57	22512.	0.77600
2.4458	20.942	5.21	21029.	0.77600
2.2758	18.132	4.84	19568.	0.77600
2.1052	15.516	4.48	18101.	0.77600
1.9314	13.060	4.11	16607.	0.77600
1.7512	10.736	3.73	15057.	0.77600
1.5606	8.5262	3.32	13418.	0.77600
1.3536	6.4146	2.88	11639.	0.77600
1.1197	4.3893	2.38	9627.5	0.77600
0.83492	2.4405	1.78	7178.8	0.77600
0.39998	0.56010	0.852	3439.1	0.77600

sized by Cavalry-fisher, 11/21/94, approval: _____