

file name: 94100240

sized: 11/21/1994

meter identification: 94100240 tag:
 application customer: ARGONNE LABS
 V-Cone model number: V000A-41

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: 10.0 to 1 Cf: 0.7630
 - Cf is linear to flowrate -

FLOWRATE (GPM)	DIFF-PRESS (inWC)	VELOCITY (f/s)	REYNOLDS NUMBER	COEFFICIENT OF FLOW
4.0000	57.940	8.52	34393.	0.76300
3.4511	43.130	7.35	29673.	0.76300
3.1962	36.995	6.80	27482.	0.76300
2.9860	32.288	6.36	25674.	0.76300
2.7965	28.319	5.95	24045.	0.76300
2.6182	24.823	5.57	22512.	0.76300
2.4458	21.662	5.21	21029.	0.76300
2.2758	18.755	4.84	19568.	0.76300
2.1052	16.050	4.48	18101.	0.76300
1.9314	13.509	4.11	16607.	0.76300
1.7512	11.105	3.73	15057.	0.76300
1.5606	8.8193	3.32	13418.	0.76300
1.3536	6.6351	2.88	11639.	0.76300
1.1197	4.5401	2.38	9627.5	0.76300
0.83492	2.5243	1.78	7178.8	0.76300
0.39998	0.57935	0.852	3439.1	0.76300

sized by:

C. J. Parker, 11/21/94

approval: _____