

file name:94100273

sized:11/21/1994

meter identification: 94100273 tag:
application customer:
V-Cone model number: V000A-4L

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:
[Signature]

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

turndown: 10.0to1 Cf: 0.7690
- Cf is linear to flowrate -

FLOWRATE (GPM)	DIFF-PRESS (inWC)	VELOCITY (f/s)	REYNOLDS NUMBER	COEFFICIENT OF FLOW
4.0001	57.044	8.52	34394.	0.76900
3.4512	42.462	7.35	29675.	0.76900
3.1964	36.423	6.80	27483.	0.76900
2.9861	31.788	6.36	25675.	0.76900
2.7966	27.881	5.95	24046.	0.76900
2.6183	24.439	5.57	22512.	0.76900
2.4459	21.327	5.21	21030.	0.76900
2.2759	18.465	4.85	19568.	0.76900
2.1053	15.801	4.48	18102.	0.76900
1.9315	13.300	4.11	16607.	0.76900
1.7513	10.933	3.73	15058.	0.76900
1.5606	8.6828	3.32	13419.	0.76900
1.3537	6.5324	2.88	11639.	0.76900
1.1197	4.4699	2.38	9627.9	0.76900
0.83495	2.4853	1.78	7179.1	0.76900
0.40000	0.57039	0.852	3439.3	0.76900

sized by *Candy Parker*, *11/21/94* approval: _____