

**CALIBRATED RANGES AND MILLIAMP SCALING OF CDI REV. 3.0 FLOWMETERS**  
**scfm scaling (standard), 20 deg C basis**

STEEL SIZES, Sch 40 Steel		
Pipe Size	calibrated range (scfm)	mA range (scfm)
1/2	1 - 90	0 - 100
3/4	1 - 120	0 - 150
1	2 - 160	0 - 200
1.25	2 - 150	0 - 200
1.5	2 - 200	0 - 300
2	4 - 400	0 - 600
2.5	5 - 500	0 - 800
3	12 - 1200	0 - 1200
4	20 - 2000	0 - 2000
5	20 - 2500	0 - 3000
6	50 - 5000	0 - 5000
8	100 - 6000	0 - 6000

THIN-WALL ALUMINUM SIZES		
Pipe Size	calibrated range (scfm)	mA range (scfm)
25 mm	1 - 150	0 - 150
40 mm	2 - 200	0 - 300
50 mm	3 - 350	0 - 600
63 mm	5 - 500	0 - 800
76 mm	7 - 700	0 - 1000
101 mm	15 - 1500	0 - 2000

COPPER SIZES, Type L Copper		
Pipe Size	calibrated range (scfm)	mA range (scfm)
3/4	1 - 120	0 - 150
1	1 - 160	0 - 200
1.25	2 - 150	0 - 200
1.5	2 - 200	0 - 300
2	3 - 350	0 - 600
2.5	5 - 500	0 - 800
3	7 - 700	0 - 1000
4	15 - 1500	0 - 2000

**Note:**

The milliamp ranges shown are those programmed into standard production meters at the time of this printing. Other ranges are provided on special request. To determine the milliamp range of a particular meter, press the button inside the meter twice. Milliamp ranges will also display on startup. Meters will function, at reduced accuracy, outside of their calibrated ranges.

**CALIBRATED RANGES AND MILLIAMP SCALING OF CDI REV. 3.0 FLOWMETERS**  
**Nm3/min scaling, 20 deg C basis**

STEEL SIZES, Sch 40 Steel			
Pipe Size	calibrated range (Nm3/min)	mA range (Nm3/min)	mA range (scfm)
1/2	0.03 - 2.5	0 - 2.8	0 - 100
3/4	0.03 - 3.4	0 - 4.2	0 - 150
1	0.06 - 4.5	0 - 5.6	0 - 200
1.25	0.06 - 4.2	0 - 5.6	0 - 200
1.5	0.06 - 5.7	0 - 8.4	0 - 300
2	0.11 - 11.3	0 - 16.9	0 - 600
2.5	0.14 - 14.1	0 - 22.6	0 - 800
3	0.33 - 34	0 - 33.9	0 - 1200
4	0.57 - 56.6	0 - 56.6	0 - 2000
5	0.57 - 70.8	0 - 84.9	0 - 3000
6	1.42 - 141.6	0 - 141.6	0 - 5000
8	2.83 - 169.9	0 - 169.9	0 - 6000

THIN-WALL ALUMINUM SIZES			
Pipe Size	calibrated range (Nm3/min)	mA range (Nm3/min)	mA range (scfm)
25 mm	0.03 - 4.2	0 - 4.2	0 - 150
40 mm	0.06 - 5.7	0 - 8.4	0 - 300
50 mm	0.08 - 9.9	0 - 16.9	0 - 600
63 mm	0.14 - 14.1	0 - 22.6	0 - 800
76 mm	0.2 - 19.8	0 - 28.3	0 - 1000
101 mm	0.42 - 42.4	0 - 56.6	0 - 2000

COPPER SIZES, Type L Copper			
Pipe Size	calibrated range (Nm3/min)	mA range (Nm3/min)	mA range (scfm)
3/4	0.03 - 3.4	0 - 4.2	0 - 150
1	0.03 - 4.5	0 - 5.6	0 - 200
1.25	0.06 - 4.2	0 - 5.6	0 - 200
1.5	0.06 - 5.7	0 - 8.4	0 - 300
2	0.08 - 9.9	0 - 16.9	0 - 600
2.5	0.14 - 14.1	0 - 22.6	0 - 800
3	0.2 - 19.8	0 - 28.3	0 - 1000
4	0.42 - 42.4	0 - 56.6	0 - 2000

**Note:**

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**CALIBRATED RANGES AND MILLIAMP SCALING OF CDI REV. 3.0 FLOWMETERS**  
**Nm3/min scaling, DIN 1343 basis**

STEEL SIZES, Sch 40 Steel			
Pipe Size	calibrated range (Nm3/min)	mA range (Nm3/min)	mA range (scfm)
1/2	0.03 - 2.5	0 - 2.6	0 - 100
3/4	0.03 - 3.4	0 - 3.9	0 - 150
1	0.05 - 4.5	0 - 5.2	0 - 200
1.25	0.05 - 4.0	0 - 5.2	0 - 200
1.5	0.05 - 5.3	0 - 7.9	0 - 300
2	0.11 - 10.6	0 - 15.8	0 - 600
2.5	0.13 - 13.2	0 - 21.1	0 - 800
3	0.32 - 31.7	0 - 31.6	0 - 1200
4	0.5 - 52.7	0 - 52.7	0 - 2000
5	0.5 - 65	0 - 79.1	0 - 3000
6	1.3 - 131.9	0 - 131.9	0 - 5000
8	2.8 - 158.3	0 - 158.3	0 - 6000

THIN-WALL ALUMINUM SIZES			
Pipe Size	calibrated range (Nm3/min)	mA range (Nm3/min)	mA range (scfm)
25 mm	0.03 - 4	0 - 3.9	0 - 150
40 mm	0.05 - 5.3	0 - 7.9	0 - 300
50 mm	0.08 - 9.2	0 - 15.8	0 - 600
63 mm	0.13 - 13.2	0 - 21.1	0 - 800
76 mm	0.2 - 18.4	0 - 26.3	0 - 1000
101 mm	0.4 - 39.6	0 - 52.7	0 - 2000

COPPER SIZES, Type L Copper			
Pipe Size	calibrated range (Nm3/min)	mA range (Nm3/min)	mA range (scfm)
3/4	0.03 - 3.4	0 - 3.9	0 - 150
1	0.03 - 4.5	0 - 5.2	0 - 200
1.25	0.05 - 4.0	0 - 5.2	0 - 200
1.5	0.05 - 5.3	0 - 7.9	0 - 300
2	0.08 - 9.2	0 - 15.8	0 - 600
2.5	0.13 - 13.2	0 - 21.1	0 - 800
3	0.2 - 18.4	0 - 26.3	0 - 1000
4	0.4 - 39.6	0 - 52.7	0 - 2000

**Note:**

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**CALIBRATED RANGES AND MILLIAMP SCALING OF CDI REV. 3.0 FLOWMETERS**  
**Nm3/hr scaling, 20 deg C basis**

STEEL SIZES, Sch 40 Steel			
Pipe Size	calibrated range (Nm3/hr)	mA range (Nm3/hr)	mA range (scfm)
1/2	1.7 - 152.9	0 - 170	0 - 100
3/4	1.7 - 203.9	0 - 255	0 - 150
1	3.4 - 271.8	0 - 340	0 - 200
1.25	3.4 - 254.9	0 - 340	0 - 200
1.5	3.4 - 339.8	0 - 510	0 - 300
2	6.8 - 679.7	0 - 1020	0 - 600
2.5	8.5 - 849.5	0 - 1359	0 - 800
3	20.4 - 2039	0 - 2039	0 - 1200
4	34 - 2548	0 - 3398	0 - 2000
5	33.4 - 4248	0 - 5098	0 - 3000
6	85 - 8496	0 - 8496	0 - 5000
8	169.9 - 10195	0 - 10195	0 - 6000

THIN-WALL ALUMINUM SIZES			
Pipe Size	calibrated range (Nm3/hr)	mA range (Nm3/hr)	mA range (scfm)
25 mm	1.7 - 255	0 - 255	0 - 150
40 mm	3.4 - 339.8	0 - 510	0 - 300
50 mm	5.1 - 594.7	0 - 1020	0 - 600
63 mm	8.5 - 849.5	0 - 1359	0 - 800
76 mm	11.9 - 1189	0 - 1699	0 - 1000
101 mm	25.5 - 2549	0 - 3398	0 - 2000

COPPER SIZES, Type L Copper			
Pipe Size	calibrated range (Nm3/hr)	mA range (Nm3/hr)	mA range (scfm)
3/4	1.7 - 203.9	254.88	150
1	1.7 - 271.8	339.8	200
1.25	3.4 - 271.8	339.8	200
1.5	3.4 - 339.8	509.8	300
2	5.1 - 594.7	1020	600
2.5	8.5 - 849.5	1359	800
3	11.9 - 1189	1699	1000
4	25.5 - 2549	3398	2000

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**CALIBRATED RANGES AND MILLIAMP SCALING OF CDI REV. 3.0 FLOWMETERS**  
**Nm3/hr scaling, DIN 1343 basis**

STEEL SIZES, Sch 40 Steel			
Pipe Size	calibrated range (Nm3/hr)	mA range (Nm3/hr)	mA range (scfm)
1/2	1.6 - 143	0 - 158.3	0 - 100
3/4	1.6 - 190	0 - 237.5	0 - 150
1	3.2 - 253	0 - 317	0 - 200
1.25	3.2 - 237	0 - 317	0 - 200
1.5	3.2 - 317	0 - 475	0 - 300
2	6.3 - 633	0 - 950	0 - 600
2.5	7.9 - 791	0 - 1267	0 - 800
3	19 - 1900	0 - 1900	0 - 1200
4	31.7 - 3167	0 - 3167	0 - 2000
5	31.7 - 3958	0 - 4750	0 - 3000
6	79.2 - 7916	0 - 7916	0 - 5000
8	158.3 - 9499	0 - 9499	0 - 6000

THIN-WALL ALUMINUM SIZES			
Pipe Size	calibrated range (Nm3/hr)	mA range (Nm3/hr)	mA range (scfm)
25 mm	1.6 - 237	0 - 237	0 - 150
40 mm	3.2 - 317	0 - 475	0 - 300
50 mm	4.8 - 554	0 - 950	0 - 600
63 mm	7.9 - 791	0 - 1267	0 - 800
76 mm	11 - 1108	0 - 1583	0 - 1000
101 mm	23.8 - 2375	0 - 3167	0 - 2000

COPPER SIZES, Type L Copper			
Pipe Size	calibrated range (Nm3/hr)	mA range (Nm3/hr)	mA range (scfm)
3/4	1.6 - 190	0 - 237	0 - 150
1	1.6 - 253	0 - 317	0 - 200
1.25	3.2 - 237.5	0 - 317	0 - 200
1.5	3.2 - 316.7	0 - 475	0 - 300
2	4.8 - 554	0 - 950	0 - 600
2.5	7.9 - 791	0 - 1267	0 - 800
3	11 - 1108	0 - 1583	0 - 1000
4	23.8 - 2375	0 - 3167	0 - 2000

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