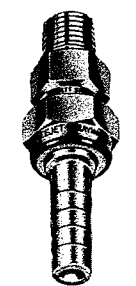


TeeJet FLOW REGULATORS

FLOW REGULATOR ASSEMBLIES

for metering liquid fertilizers and fumigants

Flow Regulators are usually mounted behind cultivator shanks for the subsurface application of liquid fertilizers and soil fumigants . . . and are also used for above-ground streaming applications. Made in choice of brass, stainless steel and aluminum. Choice of over 80 No. 4916 Orifice Plate sizes . . . see Data Sheets 4908 and 7001-4 to 7001-13.



Type 1/4TT
With 8400-406
Hose Shank outlet
Overall length-2 5/8"



Type 4908-1/4T
with 1/4" (F)
pipe connection.
Overall
length-2 5/16"



Type 4908-1/4TT
with 1/4" NPT (M)
pipe connection.
Overall length-2 5/8"



Body



5053
Strainer



4916
Orifice
Plate



4928
Adapter



1325
Cap

No. 4916 Interchangeable Orifice Plate . . . supplied only in stainless steel.

NOTE: Always Insert Orifice Plate with side marked with number facing the outlet.

(See page 27)

HOW TO ORDER:

For complete Flow Regulator, specify Regulator Type, Orifice Plate No., Material.

Example: 4908-1/4T4916-8 Stainless Steel.

To order Orifice Plate only, specify Orifice Plate No. Example: 4916-8

ORIFICE PLATE NO.	PRESSURE IN PSI	CAPACITY IN GPM	GALLONS PER ACRE* BASED ON WATER WITH FLOW REGULATORS SPACED AT 20"				
			3 MPH	4 MPH	5 MPH	6 MPH	8 MPH
			4916-8	5 .003 .29	.21	.17	.14
10 .004 .40	.30	.24	.20	.15			
20 .006 .57	.43	.34	.29	.21			
30 .007 .70	.53	.42	.35	.26			
4916-10	5 .005 .46	.34	.27	.23	.17		
10 .007 .65	.48	.39	.32	.24			
20 .009 .91	.69	.55	.46	.34			
30 .011 1.12	.84	.67	.56	.42			
4916-12	5 .007 .66	.49	.39	.33	.25		
10 .009 .93	.70	.56	.46	.35			
20 .013 1.3	.99	.79	.66	.49			
30 .016 1.6	1.2	.97	.81	.60			
4916-14	5 .009 .89	.66	.53	.44	.33		
10 .013 1.3	.94	.75	.63	.47			
20 .018 1.8	1.3	1.1	.89	.66			
30 .022 2.2	1.6	1.3	1.1	.81			
4916-15	5 .010 1.0	.75	.60	.50	.38		
10 .014 1.4	1.1	.85	.71	.53			
20 .020 2.0	1.5	1.2	1.0	.75			
30 .025 2.5	1.8	1.5	1.2	.92			
4916-16	5 .012 1.1	.86	.69	.57	.43		
10 .016 1.6	1.2	.97	.81	.61			
20 .023 2.3	1.7	1.4	1.1	.86			
30 .028 2.8	2.1	1.7	1.4	1.1			
4916-18	5 .015 1.5	1.1	.87	.73	.55		
10 .021 2.1	1.6	1.2	1.0	.77			
20 .029 2.9	2.2	1.8	1.5	1.1			
30 .036 3.6	2.7	2.1	1.8	1.3			
4916-20	5 .018 1.8	1.4	1.1	.91	.69		
10 .026 2.6	1.9	1.6	1.3	.97			
20 .037 3.7	2.7	2.2	1.8	1.4			
30 .045 4.5	3.4	2.7	2.2	1.7			
4916-22	5 .022 2.1	1.6	1.3	1.1	.80		
10 .031 3.0	2.3	1.8	1.5	1.1			
20 .043 4.3	3.2	2.6	2.1	1.6			
30 .053 5.3	3.9	3.2	2.6	2.0			
4916-24	5 .026 2.6	2.0	1.6	1.3	.98		
10 .037 3.7	2.8	2.2	1.8	1.4			
20 .053 5.2	3.9	3.1	2.6	2.0			
30 .064 6.4	4.8	3.8	3.2	2.4			
4916-25	5 .028 2.8	2.1	1.7	1.4	1.0		
10 .040 3.9	2.9	2.4	2.0	1.5			
20 .056 5.5	4.2	3.3	2.8	2.1			
30 .069 6.8	5.1	4.1	3.4	2.6			

ORIFICE PLATE NO.	PRESSURE IN PSI	CAPACITY IN GPM	GALLONS PER ACRE* BASED ON WATER WITH FLOW REGULATORS SPACED AT 20"				
			3 MPH	4 MPH	5 MPH	6 MPH	8 MPH
			4916-26	5 .030 3.0	2.3	1.8	1.5
10 .043 4.2	3.2	2.6	2.1	1.6			
20 .061 6.0	4.5	3.6	3.0	2.3			
30 .074 7.4	5.5	4.4	3.7	2.8			
4916-27	5 .032 3.2	2.4	1.9	1.6	1.2		
10 .045 4.5	3.4	2.7	2.2	1.7			
20 .064 6.3	4.8	3.8	3.2	2.4			
30 .078 7.8	5.8	4.7	3.9	2.9			
4916-28	5 .035 3.4	2.6	2.1	1.7	1.3		
10 .049 4.9	3.6	2.9	2.4	1.8			
20 .069 6.9	5.1	4.1	3.4	2.6			
30 .085 8.4	6.3	5.0	4.2	3.2			
4916-29	5 .038 3.8	2.8	2.3	1.9	1.4		
10 .054 5.3	4.0	3.2	2.7	2.0			
20 .076 7.5	5.7	4.5	3.8	2.8			
30 .093 9.2	6.9	5.5	4.6	3.5			
4916-30	5 .040 4.0	3.0	2.4	2.0	1.5		
10 .057 5.7	4.2	3.4	2.8	2.1			
20 .081 8.0	6.0	4.8	4.0	3.0			
30 .099 9.8	7.4	5.9	4.9	3.7			
4916-31	5 .043 4.3	3.2	2.6	2.1	1.6		
10 .061 6.1	4.6	3.6	3.0	2.3			
20 .087 8.6	6.4	5.1	4.3	3.2			
30 .106 10.5	7.9	6.3	5.3	3.9			
4916-32	5 .048 4.7	3.5	2.8	2.4	1.8		
10 .067 6.7	5.0	4.0	3.3	2.5			
20 .095 9.4	7.1	5.7	4.7	3.5			
30 .117 11.6	8.7	6.9	5.8	4.3			
4916-34	5 .052 5.1	3.9	3.1	2.6	1.9		
10 .073 7.3	5.5	4.4	3.6	2.7			
20 .104 10.3	7.7	6.2	5.1	3.9			
30 .127 12.6	9.5	7.6	6.3	4.7			
4916-35	5 .055 5.5	4.1	3.3	2.7	2.1		
10 .078 7.8	5.8	4.7	3.9	2.9			
20 .111 11.0	8.2	6.6	5.5	4.1			
30 .136 13.4	10.1	8.1	6.7	5.0			
4916-37	5 .061 6.0	4.5	3.6	3.0	2.3		
10 .086 8.5	6.4	5.1	4.2	3.2			
20 .121 12.0	9.0	7.2	6.0	4.5			
30 .148 14.7	11.0	8.8	7.4	5.5			
4916-39	5 .067 6.7	5.0	4.0	3.3	2.5		
10 .095 9.4	7.1	5.7	4.7	3.5			
20 .135 13.3	10.0	8.0	6.7	5.0			
30 .165 16.3	12.2	9.8	8.2	6.1			

ORIFICE PLATE NO.	PRESSURE IN PSI	CAPACITY IN GPM	GALLONS PER ACRE* BASED ON WATER WITH FLOW REGULATORS SPACED AT 20"				
			3 MPH	4 MPH	5 MPH	6 MPH	8 MPH
			4916-40	5 .072 7.1	5.4	4.3	3.6
10 .102 10.1	7.6	6.1	5.1	3.8			
20 .144 14.3	10.7	8.6	7.1	5.4			
30 .177 17.5	13.1	10.5	8.8	6.6			
4916-41	5 .074 7.4	5.5	4.4	3.7	2.8		
10 .105 10.4	7.8	6.3	5.2	3.9			
20 .149 14.8	11.1	8.9	7.4	5.5			
30 .182 18.1	13.6	10.8	9.0	6.8			
4916-43	5 .081 8.1	6.0	4.8	4.0	3.0		
10 .115 11.4	8.6	6.8	5.7	4.3			
20 .163 16.1	12.1	9.7	8.1	6.0			
30 .199 19.7	14.8	11.8	9.9	7.4			
4916-45	5 .088 8.8	6.6	5.3	4.4	3.3		
10 .125 12.4	9.3	7.4	6.2	4.6			
20 .177 17.5	13.1	10.5	8.8	6.6			
30 .216 21	16.1	12.9	10.7	8.0			
4916-46	5 .095 9.4	7.1	5.7	4.7	3.5		
10 .135 13.3	10.0	8.0	6.7	5.0			
20 .191 18.9	14.2	11.3	9.4	7.1			
30 .233 23	17.3	13.9	11.6	8.7			
4916-47	5 .097 9.6	7.2	5.8	4.8	3.6		
10 .137 13.6	10.2	8.2	6.8	5.1			
20 .194 19.2	14.4	11.5	9.6	7.2			
30 .238 24	17.6	14.1	11.8	8.8			
4916-48	5 .101 10.0	7.5	6.0	5.0	3.8		
10 .143 14.2	10.6	8.5	7.1	5.3			
20 .202 20	15.0	12.0	10.0	7.5			
30 .247 25	18.4	14.7	12.3	9.2			
4916-49	5 .104 10.3	7.7	6.2	5.2	3.9		
10 .147 14.6	10.9	8.8	7.3	5.5			
20 .208 21	15.5	12.4	10.3	7.7			
30 .255 25	19.0	15.2	12.6	9.5			
4916-51	5 .116 11.5	8.6	6.9	5.8	4.3		
10 .165 16.3	12.2	9.8	8.1	6.1			
20 .233 23	17.3	13.8	11.5	8.6			
30 .285 28	21	16.9	14.1	10.6			
4916-52	5 .118 11.7	8.8	7.0	5.9	4.4		
10 .167 16.6	12.4	9.9	8.3	6.2			
20 .237 23	17.6	14.1	11.7	8.8			
30 .290 29	22	17.2	14.4	10.8			
4916-54	5 .127 12.6	9.5	7.6	6.3	4.7		
10 .180 17.8	13.4	10.7	8.9	6.7			
20 .255 25	18.9	15.1	12.6	9.5			
30 .312 31	23	18.5	15.4	11.6			