

DILUTION CHART - AQUAMASTER

Model 440-23BTKR (5111)

Metering Tip Color	Injection Rates For Viscosities Shown						Hydrominder tip
	1 cps		75 cps		200 cps		
	Oz/Gal	Ratio	Oz/Gal	Ratio	Oz/Gal	Ratio	
Tan	0.33	387-1	0.26	500-1	0.12	1090-1	N/A
Orange	0.42	307-1	0.32	430-1	0.17	735-1	N/A
Turquoise	0.51	256-1	0.34	382-1	0.19	676-1	Pink
Pink	0.78	165-1	0.56	230-1	0.3	422-1	Purple
Clear	0.87	147-1	0.67	192-1	0.33	391-1	N/A
Brown	0.99	128-1	0.74	174-1	0.37	345-1	N/A
Red	1.37	93-1	0.91	141-1	0.44	289-1	Yellow
White	1.52	84-1	1.04	128-1	0.48	264-1	Brown
Green	1.72	74-1	1.22	105-1	0.52	244-1	Orange
Blue	2.13	60-1	1.27	101-1	0.54	239-1	Green
Yellow	3.05	42-1	1.71	75-1	0.56	229-1	Tan
Black	4.50	28-1	1.96	64-1	0.57	224-1	Blue
Purple	7.75	17-1	2.4	53-1	0.59	217-1	Red
Gray	9.86	13-1	2.54	50-1	0.63	204-1	Gray/Black/Beige
No Tip	19.63	7-1	3.16	40-1	0.67	190-1	

Model 440-22TKR (506), 440-22TKRX (507), 440-23TKR (511)

Metering Tip Color	Injection Rates For Viscosities Shown						Hydrominder tip
	1 cps		75 cps		200 cps		
	Oz/Gal	Ratio	Oz/Gal	Ratio	Oz/Gal	Ratio	
Clear	0.30	430-1	0.22	592-1	0.13	864-1	Pink
Purple	0.48	265-1	0.32	406-1	0.24	524-1	Purple
Yellow	1.28	100-1	0.82	157-1	0.6	212-1	Yellow
Green	1.67	7-1	1.29	99-1	1	128-1	Orange/brown
Pink	2.36	54-1	1.65	77-1	1.25	103-1	Green
Turquoise	3.76	34-1	2.55	50-1	1.85	69-1	Tan
Black	4.47	29-1	3.03	42-1	2.12	60-1	Blue
Gray	5.53	23-1	3.67	35-1	2.58	50-1	White
Red	7.00	18-1	4.79	27-1	2.79	46-1	Red
Blue	8.78	15-1	5.39	24-1	3.06	42-1	Red
Brown	10.95	12-1	6.49	20-1	3.35	38-1	N/A
White	14.19	9-1	7.08	18-1	3.46	37-1	Beige
Orange	17.58	7-1	7.91	16-1	3.71	35-1	Gray/Black
No Tip	33.15	4-1	10.54	12-1	4.52	28-1	

Model 440-24KR (515)

Metering Tip Color	Injection Rates For Viscosities Shown						Hydrominder Tip
	1 cps		75 cps		200 cps		
	Oz/Gal	Ratio	Oz/Gal	Ratio	Oz/Gal	Ratio	
Clear	0.66	195-1	.027	470-1	.14	903-1	Pink
Purple	1.01	128-1	.041	315-1	.33	393-1	Purple
Yellow	1.53	83-1	1.03	128-1	.86	148-1	Yellow
Green	2.52	51-1	1.64	78-1	1.44	89-1	Orange/Brown
Pink	3.53	36-1	2.04	64-1	2.09	64-1	Green
Turquoise	5.73	22-1	3.24	40-1	2.92	44-1	Tan
Black	6.72	19-1	3.88	32-1	3.34	38-1	Blue
Gray	8.95	14-1	4.98	26-1	4.04	32-1	White
Red	12.34	10-1	6.22	21-1	4.67	27-1	Red
Blue	14.00	9-1	7.28	18-1	4.99	26-1	Red
Brown	18.68	7-1	9.02	14-1	5.35	24-1	N/A
White	24.45	5-1	10.35	12-1	5.53	23-1	Beige
Orange	30.97	4-1	11.86	11-1	5.88	22-1	Gray/Black
No Tip	66.07	2-1	18.61	7-1	7.07	18-1	

1 cps (Centipoise) is equal to the viscosity of water

75 cps is approximately equal to the viscosity of 10 weight motor oil

200 cps is approximately equal to the viscosity of most dishwashing detergents

Model 437P-21KR (564)

TIP COLOR	RATIO	OZ/GAL
Translucent	1,828:1	0.07
Purple	1,280:1	0.1
Yellow	640:1	0.2
Green	427:1	0.3
Pink	20:1	0.4
Turquoise	213:1	0.6
Black	160:1	0.8
Gray	107:1	1.2
Red	85:1	1.5
Blue	64:1	2
Brown	56:1	2.3
White	46:1	2.8
Orange	35:1	3.7
None	14:1	9.4

Data established inducting water, (1CPS) a 40 PSI inlet pressure