

Irrigation Demand Worksheet for Residential Applications

Development Information

Name,	Date
Address:	City State Zip

zone	# heads	gpm per head	total gpm per zone	minutes per zone per day
A	30	1	30	30
B	20	0.5	10	30
C	20	1.5	30	30
total	70		70	90

Example illustrates a three zone system with zones A & B running simultaneously and C independently. To determine peak gpm: zones A & B operating together yields demand of 40 gpm (30 + 10); zone C yields demand of 30 gpm. Meter is sized to largest demand of 40 gpm for system.

Appropriate meter size is 1".

zone A + zone B + zone 30 = 10 gpm + gpm + **40** peak gpm demand

zone	# heads	gpm per head	total gpm per zone	minutes per zone per day	zone	# heads	gpm per head	total gpm per zone	minutes per zone per day
total					total				

Determine maximum rate (gpm) by identifying which zones are operating together.

Peak gpm = # zones operating together totaling one maximum instantaneous flow rate (gpm)

zone + zone + zone = gpm + gpm + gpm / **peak gpm demand**

Please indicate number of full irrigation cycles (all zones indicated) per week: