



R.F.R.-“RONDO” FLOW REGULATED
23 lph - BLACK NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **16/13.2** (OD/ID)

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	17	16	15	14	14	13	13	12	12	12	11	11	11
	2	20	19	19	18	18	17	17	17	16	16	16	16	15
	4	23	22	22	21	21	20	20	20	19	19	19	19	19
	6	25	25	24	24	23	23	23	22	22	22	22	22	21
18	0	25	24	22	21	20	20	19	18	18	17	17	17	16
	2	28	27	25	24	24	23	22	22	21	21	21	20	20
	4	30	29	28	27	26	26	25	25	24	24	23	23	23
	6	32	31	30	29	28	28	27	27	27	26	26	26	25
20	0	31	29	27	26	25	24	23	22	21	21	20	20	19
	2	33	31	30	28	27	27	26	25	25	24	24	23	23
	4	35	33	32	31	30	29	28	28	27	27	26	26	26
	6	37	35	34	33	32	31	31	30	30	29	29	28	28
22	0	35	32	30	29	28	27	26	25	24	24	23	22	22
	2	37	35	33	32	30	29	29	28	27	27	26	26	25
	4	38	37	35	34	33	32	31	30	30	29	29	28	28
	6	40	38	37	36	35	34	33	32	32	31	31	30	30
24	0	38	35	33	32	30	29	28	27	27	26	25	25	24
	2	40	37	36	34	33	32	31	30	29	29	28	28	27
	4	42	39	38	36	35	34	33	32	32	31	31	30	30
	6	43	41	39	38	37	36	35	35	34	33	33	32	32
26	0	41	38	36	34	33	31	30	29	29	28	27	26	26
	2	42	40	38	36	35	34	33	32	31	31	30	29	29
	4	44	42	40	38	37	36	35	34	34	33	32	32	31
	6	46	44	42	40	39	38	37	36	36	35	34	34	33
28	0	43	40	38	36	35	33	32	31	30	30	29	28	27
	2	45	42	40	38	37	36	35	34	33	32	31	31	30
	4	47	44	42	40	39	38	37	36	35	34	34	33	33
	6	48	46	44	42	41	40	39	38	37	36	36	35	35

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.

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R.F.R.-"RONDO" FLOW REGULATED
23 lph - BLACK NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **16/13.2** (OD/ID)

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	45	42	40	38	37	35	34	33	32	31	30	30	29
	2	47	44	42	40	39	37	36	35	34	34	33	32	32
	4	49	46	44	42	41	40	38	37	37	36	35	35	34
	6	50	48	46	44	43	41	40	39	39	38	37	37	36
32	0	47	44	42	40	38	37	36	34	33	33	32	31	30
	2	49	46	44	42	40	39	38	37	36	35	34	34	33
	4	51	48	46	44	42	41	40	39	38	37	36	36	35
	6	52	49	47	46	44	43	42	41	40	39	38	38	37
35	0	50	47	44	42	41	39	38	36	35	34	34	33	32
	2	52	49	46	44	43	41	40	39	38	37	36	35	35
	4	6.5	50	48	46	44	43	42	41	40	39	38	38	37
	6	6.5	52	50	48	46	45	44	43	42	41	40	40	39

Slope - Flat & downhill

For Uphill Inlet pressure including flat slope + difference level.



R.F.R.-“RONDO” FLOW REGULATED
23 lph - BLACK NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **16/13.6** (OD/ID)

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	16	15	14	14	13	13	12	12	11	11	11	11	10
	2	19	18	18	17	17	16	16	16	15	15	15	15	14
	4	22	21	20	20	19	19	19	18	18	18	18	18	17
	6	24	23	22	22	22	21	21	21	21	20	20	20	20
18	0	24	23	21	20	19	19	18	17	17	16	16	16	15
	2	26	25	24	23	22	22	21	21	20	20	19	19	19
	4	28	27	26	25	25	24	24	23	23	22	22	22	21
	6	30	29	28	27	27	26	26	25	25	25	24	24	24
20	0	29	27	26	24	23	22	22	21	20	20	19	19	18
	2	31	29	28	27	26	25	24	24	23	23	22	22	22
	4	33	31	30	29	28	27	27	26	26	25	25	24	24
	6	34	33	32	31	30	29	29	28	28	27	27	27	26
22	0	33	31	29	28	26	25	24	24	23	22	22	21	21
	2	35	33	31	30	29	28	27	26	26	25	25	24	24
	4	36	34	33	32	31	30	29	29	28	27	27	27	26
	6	38	36	35	34	33	32	31	30	30	29	29	29	28
24	0	36	33	32	30	29	28	27	26	25	25	24	23	23
	2	38	35	34	32	31	30	29	28	28	27	27	26	26
	4	39	37	36	34	33	32	31	31	30	29	29	28	28
	6	41	39	37	36	35	34	33	32	32	31	31	30	30
26	0	38	36	34	32	31	30	29	28	27	26	26	25	25
	2	40	38	36	34	33	32	31	30	30	29	28	28	27
	4	42	39	38	36	35	34	33	32	32	31	30	30	29
	6	43	41	39	38	37	36	35	34	33	33	32	32	31
28	0	41	38	36	34	33	32	31	30	29	28	27	27	26
	2	42	40	38	36	35	34	33	32	31	30	30	29	29
	4	44	42	40	38	37	36	35	34	33	32	32	31	31
	6	45	43	41	40	39	37	37	36	35	34	34	33	33

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.

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R.F.R.-"RONDO" FLOW REGULATED
23 lph - BLACK NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **16/13.6 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	43	40	38	36	35	33	32	31	30	29	29	28	27
	2	45	42	40	38	37	35	34	33	33	32	31	31	30
	4	46	43	41	40	38	37	36	35	35	34	33	33	32
	6	47	45	43	41	40	39	38	37	36	36	35	34	34
32	0	45	42	40	38	36	35	34	33	32	31	30	29	29
	2	46	44	42	40	38	37	36	35	34	33	32	32	31
	4	48	45	43	41	40	39	38	37	36	35	34	34	33
	6	49	47	45	43	42	40	39	38	38	37	36	36	35
35	0	48	45	42	40	38	37	36	35	34	33	32	31	30
	2	49	46	44	42	40	39	38	37	36	35	34	33	33
	4	50	48	45	44	42	41	40	39	38	37	36	35	35
	6	52	49	47	45	44	42	41	40	39	39	38	37	37

Slope - Flat & downhill

For Uphill Inlet pressure including flat slope + difference level.



R.F.R.-"RONDO" FLOW REGULATED
23 lph - BLACK NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **17.8/15.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	21	20	18	17	17	16	16	15	15	14	14	13	13
	2	26	25	24	23	22	22	21	21	21	20	20	20	20
	4	29	28	28	27	26	26	26	25	25	25	25	24	24
	6	32	32	31	30	30	30	29	29	29	29	28	28	28
18	0	31	29	27	26	25	24	23	22	22	21	21	20	20
	2	35	33	32	30	29	29	28	27	27	26	26	25	25
	4	38	36	35	34	33	32	32	31	31	30	30	29	29
	6	41	39	38	37	36	36	35	35	34	34	33	33	33
20	0	37	35	33	31	30	29	28	27	26	25	25	24	24
	2	41	38	37	35	34	33	32	31	31	30	29	29	28
	4	44	41	40	39	37	37	36	35	34	34	33	33	32
	6	46	44	43	41	40	40	39	38	38	37	37	36	36
22	0	42	39	37	35	34	32	31	30	29	29	28	27	27
	2	45	43	41	39	38	36	35	35	34	33	32	32	31
	4	48	46	44	42	41	40	39	38	37	37	36	35	35
	6	50	48	46	45	44	43	42	41	40	40	39	39	38
24	0	46	43	41	39	37	36	34	33	32	31	31	30	29
	2	49	46	44	42	41	39	38	37	36	36	35	34	34
	4	52	49	47	45	44	43	41	41	40	39	38	38	37
	6	54	51	49	48	47	45	44	44	43	42	41	41	40
26	0	50	46	44	42	40	38	37	36	35	34	33	32	31
	2	52	49	47	45	43	42	41	40	39	38	37	36	36
	4	55	52	50	48	46	45	44	43	42	41	40	40	39
	6	57	54	52	50	49	48	47	46	45	44	43	43	42
28	0	53	49	46	44	42	41	39	38	37	36	35	34	33
	2	55	52	49	47	46	44	43	42	41	40	39	38	37
	4	58	55	52	50	49	47	46	45	44	43	42	41	41
	6	60	57	55	53	51	50	49	48	47	46	45	44	44

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.

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R.F.R.-"RONDO" FLOW REGULATED
23 lph - BLACK NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **17.8/15.2** (OD/ID)

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	55	52	49	46	44	43	41	40	39	38	37	36	35
	2	58	55	52	50	48	46	45	44	42	41	41	40	39
	4	60	57	54	52	51	49	48	47	46	45	44	43	42
	6	62	59	57	55	53	52	50	49	48	48	47	46	45
32	0	58	54	51	49	47	45	43	42	41	40	39	38	37
	2	60	57	54	52	50	48	47	45	44	43	42	41	41
	4	63	59	57	54	52	51	49	48	47	46	45	45	44
	6	65	61	59	57	55	53	52	51	50	49	48	47	47
35	0	61	57	54	52	49	47	46	44	43	42	41	40	39
	2	64	60	57	54	52	51	49	48	46	45	44	44	43
	4	66	62	59	57	55	53	52	51	49	48	47	47	46
	6	68	65	62	59	58	56	55	53	52	51	50	49	49

Slope - Flat & downhill

For Uphill Inlet pressure including flat slope + difference level.



R.F.R.-“RONDO” FLOW REGULATED
23 lph - BLACK NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **20/17** (OD/ID)

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	27	25	23	22	21	20	20	19	18	18	17	17	17
	2	34	33	31	31	30	29	29	28	28	27	27	27	26
	4	39	38	37	37	36	35	35	35	34	34	34	33	33
	6	44	43	42	42	41	41	40	40	40	39	39	39	39
18	0	40	37	35	33	32	30	29	28	27	27	26	25	25
	2	45	43	41	40	39	38	37	36	35	35	34	34	33
	4	50	48	47	45	44	43	42	42	41	41	40	40	39
	6	54	53	51	50	49	48	47	47	46	46	45	45	44
20	0	48	44	42	40	38	36	35	34	33	32	31	31	30
	2	53	50	48	46	44	43	42	41	40	39	39	38	37
	4	57	55	53	51	50	48	47	47	46	45	44	44	43
	6	61	59	57	55	54	53	52	51	51	50	49	49	48
22	0	54	50	47	45	43	41	40	38	37	36	35	35	34
	2	59	55	53	51	49	47	46	45	44	43	42	42	41
	4	63	60	57	55	54	52	51	50	49	49	48	47	46
	6	67	64	62	60	58	57	56	55	54	53	53	52	51
24	0	59	55	52	49	47	45	43	42	41	40	39	38	37
	2	63	60	57	55	53	51	50	48	47	46	45	45	44
	4	67	64	61	59	57	56	55	53	52	51	51	50	49
	6	71	68	65	63	62	60	59	58	57	56	55	55	54
26	0	63	59	55	53	50	48	47	45	44	43	42	41	40
	2	68	64	61	58	56	54	53	51	50	49	48	47	46
	4	71	68	65	62	61	59	57	56	55	54	53	52	52
	6	75	71	69	67	65	63	62	61	60	59	58	57	56
28	0	67	62	59	56	54	51	50	48	47	45	44	43	42
	2	71	67	64	61	59	57	55	54	53	51	50	49	49
	4	75	71	68	65	63	62	60	59	57	56	55	55	54
	6	78	75	72	69	67	66	64	63	62	61	60	59	58

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.

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R.F.R.-"RONDO" FLOW REGULATED
23 lph - BLACK NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **20/17** (OD/ID)

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	70	66	62	59	56	54	52	51	49	48	47	45	44
	2	75	70	67	64	62	60	58	56	55	54	53	52	51
	4	78	74	71	68	66	64	62	61	60	59	57	57	56
	6	82	78	75	72	70	68	67	65	64	63	62	61	60
32	0	74	69	65	62	59	57	55	53	51	50	49	48	47
	2	78	73	69	66	64	62	60	58	57	56	55	53	53
	4	81	77	73	71	68	66	65	63	62	60	59	58	57
	6	85	80	77	74	72	70	69	67	66	65	64	63	62
35	0	78	73	69	65	63	60	58	56	55	53	52	50	49
	2	82	77	73	70	67	65	63	61	60	59	57	56	55
	4	85	81	77	74	72	69	68	66	65	63	62	61	60
	6	89	84	81	78	75	73	72	70	69	67	66	65	64

Slope - Flat & downhill

For Uphill Inlet pressure including flat slope + difference level.



R.F.R.-“RONDO” FLOW REGULATED
23 lph - BLACK NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **20/17.4 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	26	24	22	21	20	20	19	18	18	17	17	16	16
	2	32	31	30	29	28	28	27	27	26	26	26	25	25
	4	37	36	35	35	34	34	33	33	32	32	32	32	31
	6	42	41	40	40	39	39	38	38	38	37	37	37	37
18	0	38	35	33	32	30	29	28	27	26	26	25	24	24
	2	43	41	39	38	37	36	35	34	34	33	32	32	32
	4	48	46	44	43	42	41	40	40	39	39	38	38	37
	6	52	50	49	47	47	46	45	44	44	43	43	43	42
20	0	46	42	40	38	36	35	34	33	32	31	30	29	29
	2	50	48	46	44	42	41	40	39	38	38	37	36	36
	4	55	52	50	49	47	46	45	44	43	43	42	42	41
	6	58	56	54	53	51	50	50	49	48	47	47	46	46
22	0	51	48	45	43	41	40	38	37	36	35	34	33	32
	2	56	53	50	48	47	45	44	43	42	41	40	40	39
	4	60	57	55	53	51	50	49	48	47	46	45	45	44
	6	63	61	59	57	55	54	53	52	51	51	50	49	49
24	0	56	52	49	47	45	43	42	40	39	38	37	36	35
	2	61	57	54	52	50	49	47	46	45	44	43	43	42
	4	64	61	59	56	55	53	52	51	50	49	48	48	47
	6	68	65	62	60	59	57	56	55	54	53	53	52	51
26	0	60	56	53	51	48	47	45	43	42	41	40	39	38
	2	65	61	58	55	53	52	50	49	48	47	46	45	44
	4	68	65	62	60	58	56	55	54	52	52	51	50	49
	6	71	68	66	63	62	60	59	58	57	56	55	54	53
28	0	64	60	57	54	51	49	48	46	45	44	42	41	41
	2	68	64	61	58	56	54	53	52	50	49	48	47	46
	4	72	68	65	63	60	59	57	56	55	54	53	52	51
	6	75	71	68	66	64	63	61	60	59	58	57	56	55

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.

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R.F.R.-"RONDO" FLOW REGULATED
23 lph - BLACK NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **20/17.4** (OD/ID)

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	68	63	60	57	54	52	50	49	47	46	45	44	43
	2	71	67	64	61	59	57	55	54	52	51	50	49	48
	4	75	71	68	65	63	61	60	58	57	56	55	54	53
	6	78	74	71	69	67	65	63	62	61	60	59	58	57
32	0	71	66	62	59	57	54	53	51	49	48	47	46	45
	2	74	70	66	64	61	59	57	56	55	53	52	51	50
	4	78	74	70	68	65	63	62	60	59	58	57	56	55
	6	81	77	74	71	69	67	65	64	63	62	61	60	59
35	0	75	70	66	63	60	58	56	54	52	51	50	48	47
	2	79	74	70	67	65	62	60	59	57	56	55	54	53
	4	82	77	74	71	68	66	65	63	62	60	59	58	57
	6	85	80	77	74	72	70	68	67	65	64	63	62	61

Slope - Flat & downhill

For Uphill Inlet pressure including flat slope + difference level.



R.F.R.-“RONDO” FLOW REGULATED
30 lph - BLUE NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **16/13.2** (OD/ID)

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	15	13	13	12	11	11	10	10	10	10	9	9	9
	2	18	17	16	15	15	14	14	14	13	13	13	13	12
	4	20	19	18	17	17	16	16	16	15	15	15	15	15
	6	21	20	20	19	19	19	18	18	17	17	17	17	17
18	0	22	20	19	18	17	16	16	15	15	14	14	13	13
	2	24	22	21	20	19	19	18	18	17	17	17	16	16
	4	26	24	23	22	21	21	20	20	19	19	19	18	18
	6	27	26	25	24	23	22	22	21	21	21	20	20	20
20	0	26	24	23	21	20	20	19	18	18	17	17	16	16
	2	28	26	25	24	23	22	21	21	20	19	19	19	18
	4	30	28	26	25	24	24	23	22	22	21	21	21	20
	6	31	29	28	27	26	25	24	24	23	23	23	22	22
22	0	30	27	26	24	23	22	21	21	20	19	19	18	18
	2	31	29	28	26	25	24	23	23	22	22	21	21	20
	4	33	31	29	28	27	26	25	24	24	23	23	22	22
	6	34	32	30	29	28	27	27	26	25	25	24	24	24
24	0	32	30	28	27	25	24	23	22	22	21	21	20	20
	2	34	32	30	28	27	26	25	25	24	23	23	22	22
	4	36	33	31	30	29	28	27	26	26	25	24	24	24
	6	37	34	33	31	30	29	28	28	27	26	26	26	25
26	0	35	32	30	29	27	26	25	24	23	23	22	22	21
	2	37	34	32	30	29	28	27	26	25	25	24	24	23
	4	38	35	33	32	30	29	29	28	27	26	26	25	25
	6	39	37	35	33	32	31	30	29	28	28	27	27	26
28	0	37	34	32	30	29	28	27	26	25	24	24	23	22
	2	39	36	34	32	31	29	28	28	27	26	25	25	24
	4	40	37	35	33	32	31	30	29	28	28	27	27	26
	6	41	38	36	35	33	32	31	31	30	29	29	28	28

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.

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**R.F.R.-“RONDO” FLOW REGULATED
30 lph - BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 16/13.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	9	36	34	32	30	29	28	27	26	25	25	24	24
	2	1	38	35	34	32	31	30	29	28	27	27	26	26
	4	2	39	37	35	33	32	31	30	30	29	28	28	27
	6	3	40	38	36	35	34	33	32	31	30	30	29	29
32	0	1	38	35	33	32	30	29	28	27	27	26	25	25
	2	2	39	37	35	33	32	31	30	29	28	28	27	27
	4	4	40	38	36	35	34	33	32	31	30	29	29	28
	6	5	42	39	38	36	35	34	33	32	31	31	30	30
35	0	3	40	37	35	34	32	31	30	29	28	28	27	26
	2	5	41	39	37	35	34	33	32	31	30	29	29	28
	4	6	43	40	38	37	35	34	33	32	31	31	30	30
	6	7	44	41	39	38	37	35	34	34	33	32	32	31

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.



R.F.R.-“RONDO” FLOW REGULATED
30 lph - BLUE NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **16/13.6** (OD/ID)

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	15	14	13	13	12	11	11	11	10	10	10	10	9
	2	19	18	17	16	16	15	15	14	14	14	14	13	13
	4	21	20	19	18	18	17	17	17	16	16	16	16	16
	6	23	22	21	20	20	19	19	19	19	18	18	18	18
18	0	23	21	20	19	18	17	16	16	15	15	15	14	14
	2	25	24	22	21	21	20	19	19	18	18	18	17	17
	4	27	26	24	23	23	22	21	21	20	20	20	19	19
	6	29	27	26	25	24	24	23	23	22	22	22	21	21
20	0	28	25	24	23	21	21	20	19	19	18	18	17	17
	2	30	28	26	25	24	23	22	22	21	21	20	20	19
	4	32	29	28	27	26	25	24	24	23	23	22	22	21
	6	33	31	30	28	27	27	26	25	25	24	24	24	23
22	0	31	29	27	25	24	23	22	22	21	20	20	19	19
	2	33	31	29	28	27	26	25	24	23	23	22	22	21
	4	35	32	31	29	28	27	27	26	25	25	24	24	23
	6	36	34	32	31	30	29	28	28	27	26	26	26	25
24	0	34	32	30	28	27	25	25	24	23	22	22	21	21
	2	36	33	32	30	29	28	27	26	25	25	24	23	23
	4	38	35	33	32	30	29	28	28	27	26	26	25	25
	6	39	36	35	33	32	31	30	29	29	28	28	27	27
26	0	37	34	32	30	29	27	26	25	25	24	23	23	22
	2	39	36	34	32	31	29	28	28	27	26	26	25	25
	4	40	37	35	34	32	31	30	29	29	28	27	27	26
	6	41	39	37	35	34	33	32	31	30	30	29	29	28
28	0	39	36	34	32	30	29	28	27	26	25	25	24	24
	2	41	38	36	34	32	31	30	29	28	28	27	26	26
	4	42	39	37	35	34	33	32	31	30	29	29	28	28
	6	44	41	38	37	35	34	33	32	32	31	30	30	29

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.

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R.F.R.-“RONDO” FLOW REGULATED
30 lph - BLUE NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **16/13.6 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	41	38	36	34	32	31	30	29	28	27	26	25	25
	2	43	40	37	35	34	33	31	30	30	29	28	28	27
	4	44	41	39	37	35	34	33	32	31	31	30	29	29
	6	45	42	40	38	37	36	35	34	33	32	31	31	30
32	0	43	40	37	35	34	32	31	30	29	28	27	27	26
	2	45	41	39	37	35	34	33	32	31	30	29	29	28
	4	46	43	40	38	37	36	34	33	33	32	31	30	30
	6	47	44	42	40	38	37	36	35	34	33	33	32	31
35	0	46	42	39	37	36	34	33	32	31	30	29	28	28
	2	47	44	41	39	37	36	35	33	33	32	31	30	30
	4	49	45	42	40	39	37	36	35	34	33	33	32	31
	6	50	46	44	42	40	39	38	37	36	35	34	33	33

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.



**R.F.R.-“RONDO” FLOW REGULATED
30 lph - BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 17.8/15.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	19	17	16	15	15	14	13	13	13	12	12	12	11
	2	23	22	21	20	19	19	18	18	18	17	17	17	17
	4	26	25	24	23	23	22	22	21	21	21	21	20	20
	6	29	28	27	26	25	25	25	24	24	24	24	23	23
18	0	28	26	24	23	22	21	20	19	19	18	18	17	17
	2	31	29	28	26	26	25	24	23	23	22	22	21	21
	4	34	32	31	29	28	28	27	26	26	25	25	25	24
	6	36	34	33	32	31	30	30	29	28	28	28	27	27
20	0	33	31	29	27	26	25	24	23	22	22	21	21	20
	2	37	34	32	31	29	28	28	27	26	26	25	25	24
	4	39	37	35	33	32	31	30	30	29	28	28	27	27
	6	41	39	37	36	35	34	33	32	31	31	30	30	30
22	0	38	35	33	31	29	28	27	26	25	25	24	23	23
	2	41	38	36	34	33	31	30	30	29	28	28	27	26
	4	43	40	38	36	35	34	33	32	32	31	30	30	29
	6	45	42	40	39	37	36	35	35	34	33	33	32	32
24	0	41	38	36	34	32	31	30	29	28	27	26	26	25
	2	44	41	39	37	35	34	33	32	31	30	30	29	28
	4	46	43	41	39	38	36	35	34	34	33	32	32	31
	6	48	45	43	41	40	39	38	37	36	35	35	34	34
26	0	45	41	38	36	35	33	32	31	30	29	28	28	27
	2	47	44	41	39	38	36	35	34	33	32	31	31	30
	4	49	46	43	41	40	39	37	36	36	35	34	33	33
	6	51	48	45	44	42	41	40	39	38	37	36	36	35
28	0	47	44	41	39	37	35	34	33	32	31	30	29	29
	2	50	46	44	41	40	38	37	36	35	34	33	32	32
	4	52	48	46	44	42	40	39	38	37	36	36	35	34
	6	54	50	48	46	44	43	41	40	39	39	38	37	37

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.

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R.F.R.-“RONDO” FLOW REGULATED
30 lph - BLUE NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **17.8/15.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	50	46	43	41	39	37	36	35	33	33	32	31	30
	2	52	48	46	43	41	40	39	37	36	35	35	34	33
	4	54	50	48	45	44	42	41	40	39	38	37	36	36
	6	56	52	50	48	46	44	43	42	41	40	39	39	38
32	0	52	48	45	43	41	39	37	36	35	34	33	32	32
	2	55	51	48	45	43	42	40	39	38	37	36	35	35
	4	56	52	50	47	45	44	42	41	40	39	38	38	37
	6	58	54	51	49	47	46	44	43	42	41	41	40	39
35	0	55	51	48	45	43	41	40	38	37	36	35	34	33
	2	58	53	50	48	46	44	42	41	40	39	38	37	36
	4	59	55	52	50	48	46	44	43	42	41	40	39	39
	6	61	57	54	52	50	48	47	45	44	43	42	42	41

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.



R.F.R.-“RONDO” FLOW REGULATED
30 lph - BLUE NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **20/17 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	23	21	20	18	18	17	16	16	15	15	14	14	14
	2	29	27	26	25	25	24	23	23	22	22	22	21	21
	4	33	32	31	30	29	28	28	27	27	27	27	26	26
	6	37	36	34	34	33	32	32	32	32	31	31	30	30
18	0	34	31	29	28	26	25	24	23	23	22	21	21	20
	2	39	36	34	33	32	31	30	29	28	28	27	27	26
	4	42	40	38	37	36	35	34	33	33	32	32	31	31
	6	46	43	42	40	39	38	38	37	36	36	35	35	35
20	0	41	37	35	33	32	30	29	28	27	26	26	25	25
	2	45	42	40	38	36	35	34	33	33	32	31	31	30
	4	48	46	43	42	40	39	38	37	36	36	35	35	34
	6	51	49	47	45	44	43	42	41	40	39	39	38	38
22	0	46	42	40	37	36	34	33	32	31	30	29	28	28
	2	50	47	44	42	40	39	38	37	36	35	34	33	33
	4	53	50	47	45	44	43	41	40	40	39	38	37	37
	6	56	53	50	49	47	46	45	44	43	42	41	41	40
24	0	50	46	43	41	39	37	36	35	34	33	32	31	30
	2	54	50	48	45	43	42	41	39	38	37	37	36	35
	4	57	54	51	49	47	45	44	43	42	41	40	40	39
	6	60	57	54	52	50	49	47	46	45	45	44	43	43
26	0	54	50	47	44	42	40	39	37	36	35	34	33	33
	2	58	54	51	48	46	45	43	42	41	40	39	38	37
	4	61	57	54	51	50	48	47	45	44	43	43	42	41
	6	63	60	57	54	53	51	50	49	47	47	46	45	44
28	0	57	53	50	47	45	43	41	40	39	37	36	36	35
	2	61	57	53	51	49	47	45	44	43	42	41	40	39
	4	64	60	56	54	52	50	49	47	46	45	44	44	43
	6	66	62	59	57	55	53	52	51	49	48	48	47	46

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.

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R.F.R.-“RONDO” FLOW REGULATED
30 lph - BLUE NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **20/17 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	61	56	52	49	47	45	43	42	41	39	38	37	37
	2	64	59	56	53	51	49	47	46	45	44	43	42	41
	4	67	62	59	56	54	52	51	49	48	47	46	45	45
	6	69	65	62	59	57	55	54	52	51	50	49	48	48
32	0	63	58	55	52	49	47	45	44	43	41	40	39	38
	2	67	62	58	55	53	51	49	48	47	45	44	43	43
	4	69	65	61	58	56	54	53	51	50	49	48	47	46
	6	72	67	64	61	59	57	56	54	53	52	51	50	49
35	0	67	62	58	55	52	50	48	47	45	44	43	42	41
	2	70	65	61	58	56	54	52	50	49	48	47	46	45
	4	73	68	64	61	59	57	55	54	52	51	50	49	48
	6	75	71	67	64	62	60	58	56	55	54	53	52	51

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.



R.F.R.-“RONDO” FLOW REGULATED
30 lph - BLUE NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **20/17.4 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	24	22	20	19	18	18	17	16	16	15	15	15	14
	2	30	29	27	27	26	25	24	24	24	23	23	22	22
	4	35	33	32	31	31	30	29	29	29	28	28	28	27
	6	39	37	36	36	35	34	34	33	33	32	32	32	32
18	0	35	32	30	29	27	26	25	24	24	23	22	22	21
	2	40	38	36	34	33	32	31	31	30	29	29	28	28
	4	45	42	40	39	38	37	36	35	34	34	33	33	32
	6	48	46	44	43	41	40	40	39	38	38	37	37	37
20	0	42	39	36	34	33	31	30	29	28	28	27	26	26
	2	47	44	41	40	38	37	36	35	34	33	33	32	31
	4	51	48	45	44	42	41	40	39	38	38	37	36	36
	6	54	51	49	47	46	45	44	43	42	41	41	40	40
22	0	48	44	41	39	37	36	34	33	32	31	30	30	29
	2	52	49	46	44	42	41	39	38	37	37	36	65	64
	4	56	52	50	48	46	45	43	42	41	41	40	39	39
	6	59	55	53	51	49	48	47	46	45	44	44	43	42
24	0	52	48	45	43	41	39	38	36	35	34	33	32	32
	2	56	53	50	47	45	44	42	41	40	39	38	38	37
	4	60	56	53	51	49	48	46	45	44	43	42	42	41
	6	63	59	56	54	52	51	50	49	48	47	46	45	45
26	0	56	52	49	46	44	42	40	39	38	37	36	35	34
	2	60	56	53	50	48	46	45	44	43	42	41	40	39
	4	63	59	56	54	52	50	49	47	46	45	45	44	43
	6	66	62	59	57	55	53	52	51	50	49	48	47	47
28	0	60	55	52	49	47	45	43	41	40	39	38	37	36
	2	64	59	56	53	51	49	47	46	45	44	43	42	41
	4	67	62	59	56	54	53	51	50	49	47	47	46	45
	6	70	65	62	60	57	56	54	53	52	51	50	49	48

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.

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**R.F.R.-“RONDO” FLOW REGULATED
30 lph - BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 20/17.4 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	63	58	54	51	49	47	45	44	42	41	40	39	38
	2	67	62	58	55	53	51	49	48	47	46	45	44	43
	4	70	65	62	59	57	55	53	52	50	49	48	47	47
	6	72	68	65	62	60	58	56	55	54	53	52	51	50
32	0	66	61	57	54	51	49	47	46	44	43	42	41	40
	2	69	64	61	58	55	53	51	50	49	47	46	45	44
	4	72	68	64	61	59	57	55	53	52	51	50	49	48
	6	75	70	67	64	62	60	58	57	55	54	53	52	52
35	0	70	65	60	57	54	52	50	48	47	46	44	43	42
	2	73	68	64	61	58	56	54	52	51	50	49	48	47
	4	76	71	67	64	62	59	58	56	55	53	52	51	50
	6	79	74	70	67	64	62	61	59	58	57	56	55	54

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.



**R.F.R.-“RONDO” FLOW REGULATED
41 lph - DARK BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 16/13.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	12	11	10	10	9	9	9	8	8	8	8	7	7
	2	14	13	12	12	12	11	11	11	11	10	10	10	10
	4	16	15	14	14	13	13	13	12	12	12	12	12	11
	6	17	16	15	15	14	14	14	14	13	13	13	13	13
18	0	18	16	15	15	14	13	13	12	12	12	11	11	11
	2	19	18	17	16	16	15	15	14	14	13	13	13	13
	4	21	19	18	18	17	16	16	16	15	15	15	14	14
	6	22	20	19	19	18	18	17	17	16	16	16	16	15
20	0	22	20	19	18	17	16	15	15	14	14	14	13	13
	2	23	21	20	19	18	18	17	17	16	16	15	15	15
	4	24	22	21	20	19	19	18	18	17	17	17	16	16
	6	25	23	22	21	21	20	19	19	18	18	18	18	17
22	0	24	22	21	20	19	18	17	17	16	16	15	15	15
	2	25	24	22	21	20	20	19	18	18	17	17	17	16
	4	27	25	23	22	21	21	20	19	19	19	18	18	18
	6	27	26	24	23	22	22	21	21	20	20	19	19	19
24	0	27	25	23	22	21	20	19	18	18	17	17	16	16
	2	28	26	24	23	22	21	20	20	19	19	18	18	18
	4	29	27	25	24	23	22	22	21	20	20	20	19	19
	6	30	28	26	25	24	23	23	22	21	21	21	20	20
26	0	29	26	25	23	22	21	21	20	19	19	18	18	17
	2	30	28	26	25	24	23	22	21	21	20	20	19	19
	4	31	28	27	26	25	24	23	22	22	21	21	20	20
	6	31	29	28	27	26	25	24	23	23	22	22	21	21
28	0	30	28	26	25	24	23	22	21	20	20	19	19	18
	2	31	29	27	26	25	24	23	22	22	21	21	20	20
	4	32	30	28	27	26	25	24	23	23	22	22	21	21
	6	33	31	29	28	27	26	25	24	24	23	23	22	22

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.

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**R.F.R.-“RONDO” FLOW REGULATED
41 lph - DARK BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 16/13.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	30	30	28	26	25	24	23	22	22	21	20	20	19
	2	33	31	29	27	26	25	24	23	23	22	22	21	21
	4	34	31	30	28	27	26	25	24	24	23	23	22	22
	6	35	32	31	29	28	27	26	25	25	24	24	23	23
32	0	34	31	29	27	26	25	24	23	23	22	21	21	20
	2	34	32	30	28	27	26	25	24	24	23	23	22	22
	4	35	33	31	29	28	27	26	25	25	24	24	23	23
	6	36	34	32	30	29	28	27	26	26	25	25	24	24
35	0	36	33	31	29	28	27	26	25	24	23	23	22	22
	2	36	34	32	30	29	28	27	26	25	24	24	23	23
	4	37	35	33	31	30	29	28	27	26	25	25	24	24
	6	38	35	33	32	31	29	29	28	27	26	26	25	25

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.



**R.F.R.-“RONDO” FLOW REGULATED
41 lph - DARK BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 16/13.6 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	13	12	11	10	10	9	9	9	8	8	8	8	8
	2	15	14	13	13	12	12	12	11	11	11	11	11	10
	4	17	16	15	14	14	14	13	13	13	13	12	12	12
	6	18	17	16	16	15	15	15	14	14	14	14	14	14
18	0	19	17	16	15	15	14	13	13	13	12	12	12	11
	2	20	19	18	17	17	16	16	15	15	14	14	14	14
	4	22	20	19	19	18	17	17	17	16	16	16	15	15
	6	23	22	21	20	19	19	18	18	18	17	17	17	16
20	0	23	21	20	18	18	17	16	16	15	15	14	14	14
	2	24	22	21	20	19	19	18	17	17	17	16	16	16
	4	25	24	22	21	21	20	19	19	18	18	18	17	17
	6	26	25	24	23	22	21	21	20	20	19	19	19	18
22	0	26	24	22	21	20	19	18	18	17	17	16	16	15
	2	27	25	24	22	21	21	20	19	19	18	18	18	17
	4	28	26	25	24	23	22	21	21	20	20	19	19	19
	6	29	27	26	25	24	23	22	22	21	21	21	20	20
24	0	28	26	24	23	22	21	20	19	19	18	18	17	17
	2	29	27	26	24	23	22	22	21	20	20	19	19	19
	4	30	28	27	25	24	24	23	22	22	21	21	20	20
	6	31	29	28	27	26	25	24	23	23	22	22	22	21
26	0	30	28	26	25	23	22	22	21	20	20	19	19	18
	2	31	29	27	26	25	24	23	22	22	21	21	20	20
	4	32	30	28	27	26	25	24	24	23	22	22	21	21
	6	33	31	29	28	27	26	25	25	24	24	23	23	22
28	0	32	30	28	26	25	24	23	22	22	21	20	20	19
	2	33	31	29	27	26	25	24	24	23	21	22	21	21
	4	34	32	30	29	27	26	25	25	24	24	23	23	22
	6	35	33	31	30	28	27	27	26	25	25	24	24	23

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.

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**R.F.R.-“RONDO” FLOW REGULATED
41 lph - DARK BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 16/13.6 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	34	31	29	28	26	25	24	23	23	22	21	21	20
	2	35	32	30	29	28	26	26	25	24	23	23	22	22
	4	36	33	31	30	29	28	27	26	25	25	24	24	23
	6	37	34	32	31	30	29	28	27	26	26	25	25	24
32	0	35	33	30	29	27	26	25	24	24	23	22	22	21
	2	36	34	32	30	29	28	27	26	25	24	24	23	23
	4	37	35	33	31	30	29	28	27	26	26	25	24	24
	6	38	36	34	32	31	30	29	28	27	27	26	26	25
35	0	37	35	32	31	29	28	27	26	25	24	24	23	23
	2	38	36	33	32	30	29	28	27	26	26	25	25	24
	4	39	37	34	33	31	30	29	28	28	27	26	26	25
	6	40	37	35	34	32	31	30	29	29	28	27	27	26

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.



**R.F.R.-“RONDO” FLOW REGULATED
41 lph - DARK BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 17.8/15.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	15	14	13	12	12	11	11	11	10	10	10	9	9
	2	18	17	17	16	15	15	14	14	14	14	13	13	13
	4	21	20	19	18	18	17	17	17	16	16	16	16	15
	6	23	21	21	20	20	19	19	19	18	18	18	18	18
18	0	23	21	20	19	18	17	16	16	15	15	14	14	14
	2	25	24	22	21	20	20	19	19	18	18	17	17	17
	4	27	25	24	23	22	22	21	21	20	20	20	19	19
	6	29	27	26	25	24	24	23	23	22	22	21	21	21
20	0	27	25	24	22	21	20	20	19	18	18	17	17	17
	2	30	28	26	25	24	23	22	22	21	20	20	20	19
	4	31	29	28	27	26	25	24	23	23	23	22	22	21
	6	33	31	29	28	27	26	26	25	25	24	24	24	23
22	0	31	29	27	25	24	23	22	21	21	20	20	19	19
	2	33	31	29	27	26	25	25	24	23	23	22	22	21
	4	35	32	31	29	28	27	26	26	25	25	24	24	23
	6	36	34	32	31	30	29	28	27	27	26	26	25	25
24	0	34	31	29	28	26	25	24	24	23	22	22	21	21
	2	36	33	31	30	28	27	26	26	25	24	24	23	23
	4	37	35	33	31	30	29	28	28	27	26	26	25	25
	6	39	36	34	33	32	31	30	29	28	28	27	27	27
26	0	37	34	32	30	28	27	26	25	25	24	23	23	22
	2	38	36	33	32	30	29	28	27	27	26	25	25	24
	4	40	37	35	33	32	31	30	29	28	28	27	27	26
	6	41	38	36	35	34	32	32	31	30	29	29	28	28
28	0	39	36	34	32	30	29	28	27	26	25	25	24	23
	2	40	38	35	34	32	31	30	29	28	27	27	26	26
	4	42	39	37	35	34	32	31	31	30	29	29	28	27
	6	43	40	38	37	35	34	33	32	31	31	30	30	29

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.

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**R.F.R.-“RONDO” FLOW REGULATED
41 lph - DARK BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 17.8/15.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	30	38	35	33	32	30	29	28	27	27	26	25	25
	2	42	39	37	35	34	32	31	30	29	29	28	27	27
	4	44	41	39	37	35	34	33	32	31	30	30	29	29
	6	45	42	40	38	37	35	34	33	33	32	31	31	30
32	0	43	39	37	35	33	32	31	30	29	28	27	26	26
	2	44	41	39	37	35	34	33	32	31	30	29	28	28
	4	46	42	40	38	37	35	34	33	32	32	31	30	30
	6	47	44	41	40	38	37	36	35	34	33	32	32	31
35	0	45	42	39	37	35	34	33	31	30	30	29	28	27
	2	47	43	41	39	37	36	34	33	32	31	31	30	29
	4	48	45	42	40	38	37	36	35	34	33	32	32	31
	6	49	46	43	41	40	38	37	36	35	35	34	33	33

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.



**R.F.R.-“RONDO” FLOW REGULATED
41 lph - DARK BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 20/17 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	19	17	16	15	14	14	13	13	12	12	12	11	11
	2	23	22	21	20	19	19	18	18	18	17	17	17	16
	4	26	25	24	23	23	22	22	21	21	21	20	20	20
	6	29	27	27	26	25	25	24	24	24	24	23	23	23
18	0	28	25	24	23	21	21	20	19	19	18	18	17	17
	2	31	29	28	26	25	25	24	23	23	22	22	21	21
	4	34	32	30	29	28	27	27	26	26	25	25	24	24
	6	36	34	33	32	31	30	29	29	28	28	27	27	27
20	0	33	31	29	27	26	25	24	23	22	22	21	21	20
	2	36	34	32	30	29	28	27	27	26	25	25	24	24
	4	39	36	35	33	32	31	30	29	29	28	28	27	27
	6	41	39	37	35	34	33	33	32	31	31	30	30	29
22	0	38	35	32	31	29	28	27	26	25	25	24	23	23
	2	40	38	36	34	32	31	30	29	29	28	27	27	26
	4	43	40	38	36	35	34	33	32	31	31	30	30	29
	6	45	42	40	39	37	36	35	34	34	33	33	32	32
24	0	41	38	36	34	32	31	30	29	28	27	26	25	25
	2	44	41	38	37	35	34	33	32	31	30	29	29	28
	4	46	43	41	39	37	36	35	34	33	33	32	31	31
	6	48	45	43	41	40	38	37	37	36	35	34	34	33
26	0	44	41	38	36	34	33	32	31	30	29	28	27	27
	2	47	43	41	39	37	36	35	34	33	32	31	31	30
	4	49	46	43	41	40	38	37	36	35	35	34	33	33
	6	51	48	45	43	42	40	39	38	38	37	36	36	35
28	0	47	43	41	38	37	35	34	33	32	31	30	29	28
	2	50	46	43	41	39	38	37	36	35	34	33	32	32
	4	52	48	45	43	42	40	39	38	37	36	35	35	34
	6	53	50	47	45	44	42	41	40	39	38	38	37	36

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.

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**R.F.R.-“RONDO” FLOW REGULATED
41 lph - DARK BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 20/17 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	50	46	43	40	39	37	36	34	33	32	31	31	30
	2	52	48	45	43	41	40	38	37	36	35	34	34	33
	4	54	50	47	45	43	42	41	39	39	38	37	36	35
	6	56	52	49	47	45	44	43	42	41	40	39	38	38
32	0	52	48	45	42	40	39	37	36	35	34	33	32	31
	2	54	50	47	45	43	41	40	39	38	37	36	35	34
	4	56	52	49	47	45	44	42	41	40	39	38	37	37
	6	58	54	51	49	47	46	44	43	42	41	40	40	39
35	0	55	51	48	45	43	41	39	38	37	36	35	34	33
	2	57	53	50	47	45	44	42	41	40	39	38	37	36
	4	59	55	52	49	47	46	44	43	42	41	40	39	38
	6	61	57	54	51	49	48	46	45	44	43	42	41	41

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.



**R.F.R.-“RONDO” FLOW REGULATED
41 lph - DARK BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 20/17.4 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	19	18	17	16	15	14	14	13	13	13	12	12	12
	2	24	23	22	21	20	20	19	19	18	18	18	18	17
	4	28	26	25	24	24	23	23	22	22	22	21	21	21
	6	30	29	28	27	27	26	26	25	25	25	25	24	24
18	0	29	27	25	23	22	21	21	20	19	19	18	18	17
	2	32	30	29	28	27	26	25	24	24	23	23	22	22
	4	35	33	32	31	30	29	28	27	27	26	26	26	25
	6	38	36	34	33	32	31	31	30	30	29	29	29	28
20	0	35	32	30	28	27	26	25	24	23	23	22	21	21
	2	38	35	33	32	31	30	29	28	27	27	26	26	25
	4	41	38	36	35	33	33	32	31	30	30	29	29	28
	6	43	40	39	37	36	35	34	33	33	32	32	31	31
22	0	39	36	34	32	30	29	28	27	26	26	25	24	24
	2	42	39	37	35	34	33	32	31	30	29	29	28	28
	4	45	42	40	38	37	35	34	34	33	32	32	31	30
	6	47	44	42	40	39	38	37	36	35	35	34	34	33
24	0	43	40	37	35	33	32	31	30	29	28	27	27	26
	2	46	43	40	38	37	35	34	33	32	31	31	30	30
	4	48	45	43	41	39	38	37	36	35	34	34	33	32
	6	50	47	45	43	42	40	39	38	37	37	36	36	35
26	0	46	43	40	38	36	34	33	32	31	30	29	29	28
	2	49	45	43	41	39	37	36	35	34	33	33	32	31
	4	51	48	45	43	41	40	39	38	37	36	35	35	34
	6	53	50	47	45	44	42	41	40	39	39	38	37	37
28	0	49	45	42	40	38	37	35	34	33	32	31	30	30
	2	52	48	45	43	41	40	38	37	36	35	34	34	33
	4	54	50	47	45	44	42	41	40	39	38	37	36	36
	6	56	52	50	47	46	44	43	42	41	40	39	39	38

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.

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**R.F.R.-“RONDO” FLOW REGULATED
41 lph - DARK BLUE NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 20/17.4 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	52	48	45	42	40	38	37	36	35	34	33	32	31
	2	54	50	47	45	43	41	40	39	38	37	36	35	34
	4	56	52	50	47	45	44	42	41	40	39	39	38	37
	6	58	54	52	49	48	46	45	44	43	42	41	40	40
32	0	54	50	47	44	42	40	39	37	36	35	34	33	33
	2	56	52	49	47	45	43	42	40	39	38	37	37	36
	4	59	55	51	49	47	45	44	43	42	41	40	39	38
	6	60	56	54	51	49	48	46	45	44	43	42	42	41
35	0	57	53	50	47	45	43	41	40	38	37	36	35	35
	2	60	55	52	49	47	45	44	43	41	40	39	38	38
	4	62	57	54	52	50	48	46	45	44	43	42	41	40
	6	63	59	56	54	52	50	48	47	46	45	44	43	43

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.



R.F.R.-“RONDO” FLOW REGULATED
53 lph - GREEN NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **16/13.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	10	9	9	8	8	8	7	7	7	7	6	6	6
	2	12	11	10	10	9	9	9	9	9	8	8	8	8
	4	13	12	12	11	11	11	10	10	10	10	10	9	9
	6	14	13	13	12	12	11	11	11	11	11	11	10	10
18	0	15	14	13	12	12	11	11	11	10	10	10	9	9
	2	16	15	14	14	13	13	12	12	12	11	11	11	11
	4	17	16	15	15	14	14	13	13	13	12	12	12	12
	6	18	17	16	15	15	14	14	14	13	13	13	13	13
20	0	18	17	16	15	14	14	13	13	12	12	12	11	11
	2	19	18	17	16	15	15	14	14	13	13	13	13	12
	4	20	19	18	17	16	16	15	15	14	14	14	14	13
	6	21	20	18	18	17	16	16	16	15	15	15	14	14
22	0	21	19	18	17	16	15	15	14	14	13	13	13	12
	2	21	20	19	18	17	16	16	15	15	15	14	14	14
	4	22	21	20	19	18	17	17	16	16	15	15	15	15
	6	23	22	20	19	19	18	18	17	17	16	16	16	15
24	0	23	21	20	18	18	17	16	16	15	15	14	14	14
	2	23	22	20	19	19	18	17	17	16	16	15	15	15
	4	24	22	21	20	19	19	18	18	17	17	16	16	16
	6	25	23	22	21	20	19	19	18	18	17	17	17	17
26	0	24	22	21	20	19	18	17	17	16	16	15	15	15
	2	25	23	22	21	20	19	18	18	17	17	16	16	16
	4	26	24	23	22	21	20	19	19	18	18	17	17	17
	6	26	25	23	22	21	21	20	19	19	18	18	18	17
28	0	26	24	22	21	20	19	19	18	17	17	16	16	16
	2	27	25	23	22	21	20	19	19	18	18	17	17	17
	4	27	25	24	23	22	21	20	20	19	19	18	18	17
	6	28	26	24	23	22	22	21	20	20	19	19	19	18

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.

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R.F.R.-“RONDO” FLOW REGULATED
53 lph - GREEN NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **16/13.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	27	25	24	22	21	20	20	19	18	18	17	17	16
	2	28	26	24	23	22	21	20	20	19	19	18	18	17
	4	29	27	25	24	23	22	21	21	20	19	19	19	18
	6	29	27	26	24	23	23	22	21	21	20	20	19	19
32	0	29	26	25	23	22	21	20	20	19	19	18	18	17
	2	29	27	25	24	23	22	21	21	20	19	19	19	18
	4	30	28	26	25	24	23	22	21	21	20	20	19	19
	6	30	28	27	25	24	23	23	22	21	21	21	20	20
35	0	30	28	26	25	24	23	22	21	20	20	19	19	18
	2	31	29	27	25	24	23	22	22	21	21	20	20	19
	4	32	29	27	26	25	24	23	23	22	21	21	20	20
	6	32	30	28	27	26	25	24	23	23	22	22	21	21

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.



R.F.R.-“RONDO” FLOW REGULATED
53 lph - GREEN NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **16/13.6** (OD/ID)

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	11	10	9	9	8	8	8	7	7	7	7	7	7
	2	12	11	11	10	10	10	10	9	9	9	9	9	9
	4	14	13	12	12	11	11	11	11	10	10	10	10	10
	6	15	14	13	13	13	12	12	12	12	11	11	11	11
18	0	16	15	14	13	12	12	11	11	11	10	10	10	10
	2	17	16	15	14	14	13	13	13	12	12	12	11	11
	4	18	17	16	15	15	14	14	14	13	13	13	13	12
	6	19	18	17	16	16	15	15	15	14	14	14	14	13
20	0	19	18	17	16	15	14	14	13	13	13	12	12	12
	2	20	19	18	17	16	16	15	15	14	14	14	13	13
	4	21	20	19	18	17	17	16	16	15	15	15	14	14
	6	22	21	20	19	18	18	17	17	16	16	16	15	15
22	0	22	20	19	18	17	16	16	15	15	14	14	13	13
	2	23	21	20	19	18	17	17	16	16	15	15	15	14
	4	24	22	21	20	19	18	18	17	17	16	16	16	15
	6	24	23	22	21	20	19	19	18	18	17	17	17	16
24	0	24	22	21	19	19	18	17	16	16	16	15	15	14
	2	25	23	22	20	20	19	18	18	17	17	16	16	16
	4	26	24	22	21	20	20	19	19	18	18	17	17	17
	6	26	24	23	22	21	21	20	19	19	19	18	18	17
26	0	26	24	22	21	20	19	18	18	17	17	16	16	15
	2	26	24	23	22	21	20	19	19	18	18	17	17	17
	4	27	25	24	23	22	21	20	20	19	19	18	18	18
	6	28	26	25	23	23	22	21	21	20	20	19	19	18
28	0	27	25	23	22	21	20	20	19	18	18	17	17	16
	2	28	26	24	23	22	21	21	20	19	19	18	18	18
	4	29	27	25	24	23	22	21	21	20	20	19	19	18
	6	29	27	26	25	24	23	22	22	21	21	20	20	19

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.

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R.F.R.-“RONDO” FLOW REGULATED
53 lph - GREEN NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **16/13.6 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	29	26	25	23	22	21	21	20	19	19	18	18	17
	2	29	27	26	24	23	22	22	21	20	20	19	19	18
	4	30	28	26	25	24	23	22	22	21	21	20	20	19
	6	31	29	27	26	25	24	23	22	22	21	21	21	20
32	0	30	28	26	24	23	22	22	21	20	20	19	19	18
	2	31	28	27	25	24	23	22	22	21	21	20	20	19
	4	31	29	27	26	25	24	23	23	22	21	21	20	20
	6	32	30	28	27	26	25	24	23	23	22	22	21	21
35	0	32	29	27	26	25	24	23	22	21	21	20	20	19
	2	33	30	28	27	26	25	24	23	22	22	21	21	20
	4	33	31	29	28	26	25	24	24	23	23	22	22	21
	6	34	31	30	28	27	26	25	24	24	23	23	22	22

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.



**R.F.R.-“RONDO” FLOW REGULATED
53 lph - GREEN NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 17.8/15.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	13	12	11	11	10	10	9	9	9	8	8	8	8
	2	15	14	14	13	13	12	12	12	11	11	11	11	11
	4	17	16	16	15	15	14	14	14	13	13	13	13	13
	6	19	18	17	16	16	16	16	15	15	15	15	15	14
18	0	19	18	17	16	15	14	14	13	13	13	12	12	12
	2	21	20	19	18	17	17	16	16	15	15	15	14	14
	4	23	21	20	19	19	18	17	17	17	16	16	16	16
	6	24	22	21	21	20	19	19	18	18	18	18	17	17
20	0	23	21	20	19	18	17	17	16	16	15	15	14	14
	2	25	23	22	21	20	19	19	18	18	17	17	16	16
	4	26	24	23	22	21	21	20	19	19	19	18	18	18
	6	27	26	24	23	23	22	21	21	20	20	20	19	19
22	0	26	24	23	21	20	20	19	18	18	17	17	16	16
	2	28	26	24	23	22	21	21	20	19	19	19	18	18
	4	29	27	26	24	23	23	22	21	21	20	20	20	19
	6	30	28	27	26	25	24	23	23	22	22	21	21	21
24	0	29	27	25	24	22	21	21	20	19	19	18	18	17
	2	30	28	26	25	24	23	22	22	21	20	20	20	19
	4	31	29	28	26	25	24	24	23	22	22	21	21	21
	6	32	30	29	27	26	26	25	24	24	23	23	22	22
26	0	31	29	27	25	24	23	22	21	21	20	20	19	19
	2	32	30	28	27	23	25	24	23	22	22	21	21	20
	4	33	31	29	28	27	26	25	24	24	23	23	22	22
	6	34	32	30	29	28	27	26	25	25	24	24	23	23
28	0	33	30	28	27	26	25	24	23	22	21	21	20	20
	2	34	32	30	28	27	26	25	24	24	23	22	22	22
	4	35	33	31	29	28	27	26	26	25	24	21	23	23
	6	36	34	32	30	29	28	27	27	26	25	25	24	24

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.

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**R.F.R.-“RONDO” FLOW REGULATED
53 lph - GREEN NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 17.8/15.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	35	32	30	28	27	26	25	24	23	23	22	21	21
	2	36	33	31	30	28	27	26	25	25	24	24	23	23
	4	37	34	32	31	29	28	27	27	26	25	25	24	24
	6	38	35	33	32	31	29	29	28	27	27	26	25	25
32	0	36	34	31	30	28	27	26	25	24	24	23	22	22
	2	37	35	33	31	30	28	27	27	26	25	25	24	23
	4	38	36	34	32	31	30	29	28	27	26	26	25	25
	6	39	37	35	33	32	31	30	29	28	27	27	26	26
35	0	39	36	33	31	30	29	28	27	26	25	24	24	23
	2	40	37	34	33	31	30	29	28	27	27	26	25	25
	4	41	38	35	34	32	31	30	29	28	28	27	26	26
	6	41	39	36	35	33	32	31	30	29	29	28	28	27

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.



**R.F.R.-“RONDO” FLOW REGULATED
53 lph - GREEN NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 20/17 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	16	15	14	13	12	12	11	11	11	10	10	10	10
	2	19	18	17	16	16	16	15	15	14	14	14	14	13
	4	21	20	19	19	18	18	18	17	17	17	16	16	16
	6	23	22	22	21	20	20	20	19	19	19	19	19	18
18	0	23	22	20	19	18	17	17	16	16	15	15	15	14
	2	26	24	23	22	21	20	20	19	19	18	18	18	17
	4	28	26	25	24	23	23	22	21	21	21	20	20	20
	6	30	28	27	29	25	25	26	23	23	23	22	22	22
20	0	28	26	24	23	22	21	20	20	19	18	18	17	17
	2	31	28	27	26	25	24	23	22	22	21	21	20	20
	4	32	30	29	27	27	26	25	24	24	23	23	22	22
	6	34	32	30	29	28	27	27	26	26	25	25	24	24
22	0	32	29	28	26	25	24	23	22	21	21	20	20	19
	2	34	32	30	28	27	26	25	25	24	23	23	22	22
	4	36	33	32	30	29	28	27	27	26	25	25	24	24
	6	37	35	33	32	31	30	29	28	28	27	27	26	26
24	0	35	32	30	29	27	26	25	24	23	23	22	22	21
	2	37	34	32	31	29	28	27	27	26	25	25	24	24
	4	38	36	34	32	31	30	29	28	28	27	27	26	26
	6	40	37	36	34	33	32	31	30	29	29	28	28	27
26	0	38	35	32	31	29	28	27	26	25	25	24	23	23
	2	39	37	35	33	31	30	29	28	28	27	26	26	25
	4	41	38	36	34	33	32	31	30	29	29	28	28	27
	6	42	40	38	36	35	34	33	32	31	30	30	29	29
28	0	40	37	35	33	31	30	29	28	27	26	25	25	24
	2	42	39	36	35	33	32	31	30	29	28	28	27	26
	4	43	40	38	36	35	34	33	32	31	30	29	29	28
	6	45	42	39	38	36	35	34	33	32	32	31	31	30

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.

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**R.F.R.-“RONDO” FLOW REGULATED
53 lph - GREEN NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 20/17 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	42	39	36	34	33	31	30	29	28	27	27	26	25
	2	44	41	38	36	35	33	32	31	30	30	29	28	28
	4	45	42	40	38	36	35	34	33	32	31	31	30	30
	6	47	44	41	39	38	37	36	35	34	33	32	32	31
32	0	44	41	38	36	34	33	32	31	30	29	28	27	27
	2	46	42	40	38	36	35	34	33	32	31	30	29	29
	4	47	44	41	39	38	36	35	34	33	33	32	31	31
	6	48	45	43	41	39	38	37	36	35	34	33	33	32
35	0	47	43	40	38	36	35	34	32	31	30	30	29	28
	2	48	45	42	40	37	37	35	34	33	32	32	31	30
	4	50	46	44	41	40	38	37	36	35	34	33	33	32
	6	51	48	45	43	41	40	39	37	37	36	35	34	34

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.



R.F.R.-“RONDO” FLOW REGULATED
53 lph - GREEN NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **20/17.4 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	16	15	14	13	13	12	12	11	11	11	10	10	10
	2	20	19	18	17	17	16	16	15	15	15	15	14	14
	4	22	21	20	20	19	19	18	18	18	18	17	17	17
	6	25	24	23	22	22	21	21	20	20	20	20	19	19
18	0	24	23	21	20	19	18	18	17	16	16	16	15	15
	2	27	25	24	23	22	21	21	20	20	19	19	18	18
	4	29	28	26	25	24	24	23	23	22	22	21	21	21
	6	31	29	28	27	26	26	25	25	24	24	23	23	23
20	0	29	27	25	24	23	22	21	20	20	19	19	18	18
	2	32	30	28	27	26	25	24	23	23	22	22	21	21
	4	34	32	30	29	28	27	26	25	25	24	24	24	23
	6	36	33	32	31	30	29	28	27	27	26	26	26	25
22	0	33	31	29	27	26	25	24	23	22	22	21	21	20
	2	35	33	31	30	28	27	26	26	25	24	24	23	23
	4	37	35	33	32	30	29	29	28	27	27	26	26	25
	6	39	37	35	33	32	31	30	30	29	29	28	28	27
24	0	36	34	31	30	28	27	26	25	24	24	23	23	22
	2	39	36	34	32	31	30	29	28	27	26	26	25	25
	4	40	38	36	34	33	32	31	30	29	28	28	27	27
	6	42	39	37	36	34	33	32	32	31	30	30	29	29
26	0	39	36	34	32	30	29	28	27	26	26	25	24	24
	2	41	38	36	34	33	31	30	30	29	28	27	27	26
	4	43	40	38	36	35	33	32	32	31	30	29	29	28
	6	44	41	39	38	36	35	34	33	33	32	31	31	30
28	0	42	38	36	34	32	31	30	29	28	27	26	26	25
	2	44	40	38	36	35	33	32	31	30	30	29	28	28
	4	45	42	40	38	36	35	34	33	32	31	31	30	30
	6	47	44	41	39	38	37	36	35	34	33	33	32	32

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.

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R.F.R.-“RONDO” FLOW REGULATED
53 lph - GREEN NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **20/17.4 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	44	40	38	36	34	33	31	30	29	29	28	27	27
	2	46	42	40	38	36	35	34	33	32	31	30	30	29
	4	47	44	41	40	38	37	35	34	34	33	32	31	31
	6	49	45	43	41	40	38	37	36	35	35	34	33	33
32	0	46	42	40	37	36	34	33	32	31	30	29	28	28
	2	48	44	42	39	38	36	35	34	33	32	31	31	30
	4	49	46	43	41	39	38	37	36	35	34	33	33	32
	6	51	47	45	43	41	40	38	37	37	36	35	34	34
35	0	49	45	42	40	38	36	35	34	33	32	31	30	29
	2	50	47	44	42	40	38	37	36	35	34	33	32	32
	4	52	48	45	43	41	40	39	38	37	36	35	34	34
	6	53	50	47	45	43	42	40	39	38	37	37	36	35

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.



**R.F.R.-“RONDO” FLOW REGULATED
70 lph - RED NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 16/13.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	9	8	7	7	7	6	6	6	6	6	5	5	5
	2	9	9	8	8	8	7	7	7	7	7	7	7	6
	4	10	10	9	9	9	8	8	8	8	8	8	8	7
	6	11	11	10	10	10	9	9	9	9	9	8	8	8
18	0	13	12	11	10	10	9	9	9	9	8	8	8	8
	2	13	12	12	11	11	10	10	10	9	9	9	9	9
	4	14	13	13	12	12	11	11	11	10	10	10	10	10
	6	15	14	13	13	12	12	11	11	11	11	11	10	10
20	0	15	14	13	13	12	11	11	11	10	10	10	9	9
	2	16	15	14	13	13	12	12	11	11	11	11	10	10
	4	17	15	15	14	13	13	12	12	12	12	11	11	11
	6	17	16	15	15	14	13	13	13	12	12	12	12	12
22	0	17	16	15	14	13	13	12	12	12	11	11	11	10
	2	18	17	16	15	14	14	13	13	12	12	12	11	11
	4	18	17	16	15	15	14	14	13	13	13	12	12	12
	6	19	18	17	16	15	15	14	14	14	13	13	13	13
24	0	19	17	16	15	15	14	14	13	13	12	12	12	11
	2	19	18	17	16	15	15	14	14	13	13	13	12	12
	4	20	19	18	17	16	15	15	14	14	14	13	13	13
	6	21	19	18	17	17	16	15	15	15	14	14	14	13
26	0	20	19	18	17	16	15	15	14	14	13	13	13	12
	2	21	19	18	17	16	16	15	15	14	14	14	13	13
	4	21	20	19	18	17	16	16	15	15	15	14	14	14
	6	22	20	19	18	17	16	16	16	15	16	15	15	14
28	0	22	20	19	18	17	16	16	15	15	14	14	13	13
	2	22	20	19	18	17	17	16	16	15	15	14	14	14
	4	23	21	20	19	18	17	17	16	16	15	15	15	14
	6	23	22	20	19	19	18	17	17	16	16	16	15	15

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.

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**R.F.R.-“RONDO” FLOW REGULATED
70 lph - RED NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 16/13.2 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	23	21	20	19	18	17	16	16	15	15	14	14	14
	2	23	22	20	19	18	18	17	16	16	16	15	15	14
	4	24	22	21	20	19	18	18	17	17	16	16	15	15
	6	24	23	21	20	19	19	18	18	17	17	16	16	16
32	0	24	22	21	19	19	18	17	17	16	16	15	15	14
	2	24	23	21	20	19	18	18	17	17	16	16	15	15
	4	25	23	22	21	20	19	18	18	17	17	16	16	16
	6	25	23	22	21	20	19	19	18	18	17	17	17	16
35	0	25	23	22	21	20	19	18	18	17	17	16	16	15
	2	26	24	22	21	20	19	19	18	18	18	17	16	16
	4	26	24	23	22	21	20	19	19	18	18	17	17	17
	6	27	25	23	22	21	20	20	19	19	18	18	17	17

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.



**R.F.R.-“RONDO” FLOW REGULATED
70 lph - RED NOZZLE
Maximum No. Of Emitters Per Lateral
Pipe Diameter - 16/13.6 (OD/ID)**

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
16	0	9	8	8	7	7	7	6	6	6	6	6	6	5
	2	10	9	9	8	8	8	8	8	7	7	7	7	7
	4	11	10	10	10	9	9	9	9	8	8	8	8	8
	6	12	11	11	10	10	10	10	9	9	9	9	9	9
18	0	13	12	12	11	10	10	10	9	9	9	9	8	8
	2	14	13	12	12	11	11	11	10	10	10	10	9	9
	4	15	14	13	13	12	12	11	11	11	11	10	10	10
	6	16	15	14	13	13	13	12	12	12	11	11	11	11
20	0	16	15	14	13	13	12	12	11	11	11	10	10	10
	2	17	16	15	14	13	13	12	12	12	11	11	11	11
	4	18	16	15	15	14	14	13	13	13	12	12	12	12
	6	18	17	16	15	15	14	14	14	13	13	13	12	12
22	0	18	17	16	15	14	14	13	13	12	12	12	11	11
	2	19	17	16	16	15	14	14	13	13	13	12	12	12
	4	19	18	17	16	16	15	15	14	14	13	13	13	13
	6	20	19	18	17	16	16	15	15	14	14	14	14	13
24	0	20	18	17	16	16	15	14	14	13	13	13	12	12
	2	21	19	18	17	16	16	15	15	14	14	13	13	13
	4	21	20	19	18	17	16	16	15	15	15	14	14	14
	6	22	20	19	18	17	17	16	16	16	15	15	15	14
26	0	21	20	19	18	17	16	15	15	14	14	14	13	13
	2	22	20	19	18	17	17	16	16	15	15	14	14	14
	4	23	21	20	19	18	17	17	16	16	15	15	15	15
	6	23	22	20	19	19	18	17	17	16	16	16	15	15
28	0	23	21	20	19	18	17	16	16	15	15	14	14	14
	2	23	22	20	19	18	18	17	16	16	16	15	15	15
	4	24	22	21	20	19	18	18	17	17	16	16	16	15
	6	24	23	21	20	20	19	18	18	17	17	17	16	16

Slope - Flat & downhill
For Uphill Inlet pressure including flat slope + difference level.

(Continued from page 43)

R.F.R.-“RONDO” FLOW REGULATED
70 lph - RED NOZZLE
 Maximum No. Of Emitters Per Lateral
 Pipe Diameter - **16/13.6** (OD/ID)

Inlet Pressure (m')	Slope %	Emitter spacing (m')												
		2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
30	0	24	22	21	20	19	18	17	17	16	16	15	15	15
	2	25	23	21	20	19	19	18	17	17	16	16	16	15
	4	25	23	22	21	20	19	19	18	17	17	17	16	16
	6	26	24	22	21	20	20	19	19	18	18	17	17	17
32	0	25	23	22	21	20	19	18	17	17	16	16	16	15
	2	26	24	22	21	20	19	19	18	18	17	17	16	16
	4	26	24	23	22	21	20	19	19	18	18	17	17	17
	6	27	25	23	22	21	20	20	19	19	18	18	18	17
35	0	27	25	23	22	21	20	19	18	18	17	17	17	16
	2	27	25	24	22	21	20	20	19	19	18	18	17	17
	4	28	26	24	23	22	21	20	20	19	19	18	18	17
	6	28	26	25	23	22	22	21	20	20	19	19	18	18

Slope - Flat & downhill
 For Uphill Inlet pressure including flat slope + difference level.