



## LOW FLOW PRODUCTS

- Internal and external barb compression fittings
- Filters
- Pressure compensating emitters
- Turbulent flow emitters
- Jets sprays with and without valves
- Stream and flood type sprays, barb, thread and stake models
- Multiport emitters
- Mini sprinklers
- Mist sprays
- Hose ball valves and Y ball valves
- Pressure regulators
- Complete line of low flow products to meet any need

### SPANISH

- Accesorios de compresión estriada interna y externa
- Filtros
- Goteros autocompensantes
- Goteros turbulentos
- Microdifusores con o sin regulador de caudal
- Pulverizadores de chorro o de caudal, modelos de estriá, de rosca y de estaca
- Goteros multisalidas
- Microaspersores
- Nebulizadores
- Válvulas de bola para mangueras y válvulas de bola en Y
- Reguladores de presión
- Línea completa de productos de bajo caudal para solucionar cualquier necesidad



### HIT PRODUCTS CORPORATION

556 S. Mirage Avenue • P.O. Box 929 • Lindsay, CA 93247  
TEL.: (559) 562-5975 • FAX: (559) 562-6626 • EMAIL: sales@hitproductscorp.com

March 2013



## LOW FLOW PRODUCTS

### FRENCH

- Raccords compression à entailles internes et externes
- Filtres
- Goutteurs autocompensés
- Micro-arroseurs cracheurs
- Microdifuseurs avec ou sans réglage de débit
- Buse jet ou de débit, modèles à entailles, filetés ou avec piquet
- Goutteurs multi-jets
- Micro-asperseurs
- Brumisateurs
- Vanne à boisseau pour tuyau et vanne en Y
- Régulateurs de pression
- Gamme complète de produits à faible débit pour résoudre tous les projets de micro-irrigation

### ITALIAN

- Raccordi a compressione con filettatura esterna e interna
- Filtri
- Gocciolatori autocompensanti
- Gocciolatori con flusso turbolento
- Spay jets con e senza valvolina
- Nebulizzatori, modelli ad innesto, filettati e su astina
- Gocciolatori multigetto
- Mini spruzzatori
- Spary Mist (Nebbia)
- Valvola a sfera per tubo e valvola ad Y
- Regolatori di pressione
- Linea completa di prodotti di basso flusso per soddisfare ogni esigenza



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# SPECIFICATIONS



## LOW FLOW PRODUCTS

Model	Part No.	10 PSI	15 PSI	20 PSI	25 PSI	30 PSI	40 PSI	60 PSI	80 PSI
Mobster-Pro Bubbler	RPCFL 2			1.80 gph	1.90 gph	2.00 gph	2.20 gph	2.50 gph	2.50 gph
	RPCFL 6			5.70 gph	6.90 gph	7.00 gph	7.80 gph	8.90 gph	10.00 gph
	RPCFL10			7.60 gph	8.60 gph	9.70 gph	11.0 gph	13.30 gph	15.00 gph
	RPCFL 20			13.70 gph	15.00 gph	16.50 gph	18.8 gph	22.20 gph	25.30 gph
OMNI-Pro Flow Emitter	RPOF2	1.80 gph	2.00 gph	2.10 gph	2.10 gph	2.10 gph	2.00 gph	1.80 gph	
	RPOF6	4.50 gph	4.80 gph	5.10 gph	5.20 gph	5.30 gph	5.00 gph	4.50 gph	
	RPOF10	9.00 gph	9.60 gph	10.00 gph	10.00 gph	9.90 gph	9.60 gph	8.90 gph	
	RPOF 20	18.50 gph	19.30 gph	19.90 gph	20.10 gph	20.30 gph	19.30 gph	17.70 gph	
MONO-Pro Emitter	RPAPC5 / RPLPC5	0.60 gph	0.63 gph	0.66 gph	0.66 gph	0.67 gph	0.68 gph		
	RPAPC 10 / RPLPC 10	1.10 gph	1.15 gph	1.20 gph	1.22 gph	1.22 gph	1.23 gph		
	RPAPC 20 / RPLPC 20	2.10 gph	2.15 gph	2.20 gph	2.22 gph	2.23 gph	2.25 gph		
ISO-Pro Emitter	RPIF 5	0.60 gph	0.63 gph	0.66 gph	0.66 gph	0.67 gph	0.68 gph		
	RPIF 10	1.10 gph	1.15 gph	1.20 gph	1.22 gph	1.22 gph	1.23 gph		
	RPIF 20	2.10 gph	2.15 gph	2.20 gph	2.22 gph	2.23 gph	2.25 gph		
PC Pro Emitter	RPPCP 5 / RPPC 5	0.55 gph	0.57 gph	0.59 gph	0.59 gph	0.61 gph	0.62 gph		
	RPPCP 10 / RPPC 10	1.10 gph	1.13 gph	1.14 gph	1.17 gph	1.20 gph	1.21 gph		
	RPPCP 20 / RPPC20	1.95 gph	2.01 gph	2.06 gph	2.12 gph	2.17 gph	2.22 gph		
MULTI-Pro Emitter	RPMPB 5 / RPMP5 5	0.60 gph	0.63 gph	0.66 gph	0.66 gph	0.67 gph	0.68 gph		
	RPMPB 10 / RPMP5 10	1.10 gph	1.15 gph	1.20 gph	1.22 gph	1.22 gph	1.23 gph		
	RPMPB 20 / RPMP5 20	2.10 gph	2.15 gph	2.20 gph	2.22 gph	2.23 gph	2.25 gph		
UNI-Pro Emitter	RPUF5	0.55 gph	0.57 gph	0.59 gph	0.59 gph	0.61 gph	0.62 gph		
	RPUF10	1.10 gph	1.13 gph	1.14 gph	1.17 gph	1.20 gph	1.21 gph		
	RPUF20	1.95 gph	2.01 gph	2.06 gph	2.12 gph	2.17 gph	2.22 gph		
SUPER-Pro Emitter	RPTAE 10	0.56 gph	0.70 gph	0.80 gph	-0.89 gph	0.97 gph			
	RPTAE 20	1.35 gph	1.62 gph	1.83 gph	2.12 gph	2.38 gph			
	RPTAE 40	2.38 gph	2.91 gph	3.33 gph	3.70 gph	3.97 gph			
DURA-Pro Dripperline	RPSFJR-XX-XX-XX	0.39 gph	0.47 gph	0.56 gph	0.63 gph	0.69 gph			
MINI-Pro Emitter	RPAFBB 5	0.51 gph	0.63 gph	0.73 gph	0.81 gph	<b>FLUSHING CHARACTERISTICS OF COMPENSATING EMITTERS</b> Nominal Flow    Peak Fish Flow    Peak Flow Pressure			
	RPAFBB 10	0.86 gph	1.06 gph	1.22 gph	1.36 gph				
	RPAFBB 20	1.64 gph	2.02 gph	2.32 gph	2.59 gph				
AQUA-Pro Emitter	RPAFB 5/RPAFS 5/RPAFT 5/RPAFTS 5	0.51 gph	0.63 gph	0.73 gph	0.81 gph	1/2 gph	1.10 gph	3 PSI	
	RPAFB 10/RPAFS 10 / RPAFT10/RPAFTS 10	0.86 gph	1.06 gph	1.22 gph	1.36 gph	1 gph	1.60 gph	3 PSI	
	RPAFB 20 /RPAFS 20/ RPAFT20/RPAFTS 20	1.64 gph	2.02 gph	2.32 gph	2.59 gph	2 gph	3.00 gph	3 PSI	
INLINE - Pro Emitter	RPIL 165	0.42 gph	0.52 gph	0.60 gph	0.67 gph	Includes MONO-PRO, ISO-PRO, UNI-PRO, and MULTI-PRO Emitters  1. Discharge rates on all PC emitters vary slightly according to water temperature 2. When designing for PC. emitters, allow for higher discharge rates during initial flushing			
	RPIL 1610	0.84 gph	1.04 gph	1.19 gph	1.33 gph				
	RPIL 1610	0.84 gph	1.04 gph	1.19 gph	1.33 gph				

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# SPECIFICATIONS



## LOW FLOW PRODUCTS

HYDRO-Pro ADJUSTABLE JETS MODEL RPVF90 / RPVF180 / RPVF360			
RADIUS (FEET)	DISCHARGE (GPH)		
	RPVF90	RPVF180	RPVF360
1 ft	-	-	4.0 gph
2ft	-	6.5 gph	5.7 gph
3ft	12.4 gph	8.3 gph	7.8 gph
4ft	14.5 gph	10.2 gph	10.5 gph
5ft	16.2 gph	12.1 gph	12.7 gph
6ft	18.6 gph	14.5 gph	14.8 gph
7ft	20.1 gph	17.1 gph	16.8 gph
8ft	23.0 gph	21.8 gph	18.0 gph
9ft	25.3 gph	26.4 gph	21.2 gph
10 ft	27.6 gph	-	23.5 gph
11 ft	29.3 gph	-	25.6 gph
12 ft	-	-	27.6 gph

DAIL-A-Pro EMITTERS		
PART NO	PATTERN	DISCHARGE
RP DAFB-360 / DAFT-360	360°	0-10
RP DAFS-360 / DAFU-360	360°	0-10
RP DAFB-180 / DAFT-180	180°	0-10
RP DAFS-180 / DAFU-180	180°	0-10
RP DAFB-FAN / DAFT-FAN	360°	0-20
RP DAFS-FAN / DAFU-FAN	360°	0-20
RP DAFB-BUB / DAFT-BUB	360°	0-25
RP DAFS-BUB / DAFU-BUB	360°	0-25

MICRO-Pro SPRINKLER MODEL RPMFA	
RADIUS (feet)	DISCHARGE (GPH)
1 ft	-
2ft	-
3ft	4.7 gph
4ft	6.6 gph
5ft	8.2 gph
6ft	9.8 gph
7ft	11.3 gph
8ft	13.2 gph
9ft	14.8 gph
10 ft	16.4 gph

MODEL RPDAFB180 / RPDAFS180 / RPDAFU180 / RPDAFS135 MODEL RPDAFB360 / RPDAFT360 / RPDAFS360 / RPDAFU360						
POSITION	20 PSI		30 PSI		40 PSI	
	Discharge	Radius	Discharge	Radius	Discharge	Radius
0	0 gph	0-	0 gph	0-	0 gph	0'
1	1.8 gph	0-	2.3 gph	0-	2.7 gph	0'
2	2.4 gph	0-	3.1 gph	0-	3.5 gph	2'
3	3.0 gph	0"	3.9 gph	2-	4.6 gph	3'
4	3.7 gph	2-	4.8 gph	3-	5.6 gph	4'
5	4.4 gph	3-	5.7 gph	4"	6.7 gph	5'
6	5.0 gph	4"	6.5 gph	6-	7.6 gph	8'
7	5.6 gph	5"	7.2 gph	7"	8.4 gph	10'
8	6.2 gph	6"	8.1 gph	9"	9.1 gph	12'
1+	7.0 gph	7"	9.1 gph	11-	10.4 gph	14'
2+	7.9 gph	9"	10.3 gph	12-	11.7 gph	16'

MODEL RPDAFB-BUB / RPDAFS-BUB / RPDAFU-BUB / RPDAFS-BUB MODEL RPDAFB-FAN / RPDAFS-FAN / RPDAFU-FAN						
POSITION	20 PSI		30 PSI		40 PSI	
	Discharge	Radius	Discharge	Radius	Discharge	Radius
0	0 gph	0'	0 gph	0"	0 gph	0"
1	3.8 gph	0'	5.0 gph	0"	5.8 gph	0"
2	6.3 gph	0'	8.2 gph	0"	9.5 gph	0"
3	9.5 gph	0'	12.4 gph	0"	14.3 gph	1'
4	10.6 gph	0'	13.6 gph	1"	16.0 gph	2'
5	11.4 gph	1"	14.8 gph	1"	17.1 gph	3'
6	12.1 gph	1"	15.6 gph	2"	18.1 gph	3'
7	13.0 gph	1'	16.5 gph	2"	19.0 gph	4'
8	13.5 gph	1'	17.1 gph	3"	20.0 gph	4'
1+	14.0 gph	2'	18.1 gph	3-	20.9 gph	5'
2+	14.3 gph	2"	18.7 gph	4"	21.6 gph	5"

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**MAXIMUM RECOMMENDED LENGTH OF RUN (FEET)**

**HYDRO-PRO JETS, MICRO-PRO MICRO-SPRINKLERS**

ORIFICE	OPERATING PRESSURE	1.0. OF TUBING (INCHES)											
		.600"	.820"	1.040"	.600"	.820"	1.040"	.600"	.820"	1.040"	.600"	.820"	1.040"
		AVERAGE SPACING BETWEEN JETS (FEET)											
		6'			9'			12'			15'		
0.030'	20 PSI	210 ft	400 ft	620 ft	275 ft	520 ft	810 ft	340 ft	645 ft	1 000 ft	385 ft	730 ft	1130 ft
0.040'	20 PSI	140 ft	265 ft	415 ft	185 ft	350 ft	545 ft	225 ft	425 ft	660 ft	250 ft	475 ft	735 ft
0.050'	20 PSI	110 ft	210 ft	325 ft	145 ft	275 ft	425 ft	175 ft	330 ft	515 ft	195 ft	370 ft	575 ft
0.060'	20 PSI	85 ft	160 ft	250 ft	110ft	210 ft	330 ft	135 ft	255 ft	400 ft	150ft	290 ft	450 ft

**ROTO-PRO MINI-SPRINKLERS**

ORIFICE	OPERATING PRESSURE	1.0. OF TUBING (INCHES)											
		.600"	.820"	1.040"	.600"	.820"	1.040"	.600"	.820"	1.040"	.600"	.820"	1.040"
		AVERAGE SPACING BETWEEN MINI-SPRINKLERS (FEET)											
		15'			20'			25'			30'		
RPRFIF 55	25 PSI	175 ft	330 ft	505 ft	210ft	400 ft	620 ft	250 ft	475 ft	735 ft	280 ft	530 ft	820 ft
RPRFIF 64	25 PSI	145 ft	275 ft	425 ft	175 ft	330 ft	515 ft	205 ft	390 ft	600 ft	230 ft	435 ft	675 ft
RPRFIF 72	25 PSI	125 ft	235 ft	365 ft	150 ft	285 ft	440 ft	175 ft	330 ft	515 ft	200 ft	380 ft	585 ft
RPRFIF 80	25 PSI	110ft	205 ft	325 ft	130 ft	245 ft	380 ft	150 ft	285 ft	440 ft	170 ft	320 ft	500 ft
RPRFIF 87	25 PSI	100 ft	190 ft	295 ft	120 ft	230 ft	350 ft	140 ft	265 ft	410 ft	160 ft	305 ft	465 ft

MODEL	NOMINAL FLOW RATE	OPERATING PRESSURE	I.D. OF TUBING (INCHES)									
			.520"	.600"	.520"	.600"	.520"	.600"	.520"	.600"	.520"	.600"
			SPACING BETWEEN EMITTERS (INCHES)									
			18"		24"		36"		48"		60"	
PC PRO emitter	0.5 gph	20 PSI	350 ft	440 ft	415ft	535 ft	530 ft	680 ft	640 ft	820 ft	740 ft	970 ft
		30 PSI	460 ft	590 ft	550 ft	710 ft	700 ft	900 ft	850 ft	1090 ft	1000 ft	1290 ft
		40 PSI	540 ft	695 ft	640 ft	825 ft	840 ft	1 080 ft	1 020 ft	1310 ft	1160ft	1500 ft
	1.0 gph	20 PSI	220 ft	280 ft	265 ft	340 ft	340 ft	440 ft	410 ft	530 ft	480 ft	620 ft
		30 PSI	290 ft	375 ft	350 ft	450 ft	450 ft	580 ft	540 ft	690 ft	630 ft	820 ft
		40 PSI	340 ft	440 ft	410 ft	530 ft	540 ft	690 ft	650 ft	840 ft	750 ft	965 ft
	2.0 gph	20 PSI	160 ft	200 ft	190 ft	240 ft	240 ft	305 ft	300 ft	370 ft	350 ft	435 ft
		30 PSI	210 ft	265 ft	255 ft	320 ft	325 ft	405 ft	390 ft	490 ft	460 ft	575 ft
		40 PSI	250 ft	310 ft	300 ft	370 ft	380 ft	475 ft	460 ft	575 ft	540 ft	675 ft
AQUA-PRO emitter	0.5 gph	20 PSI	230 ft	300 ft	285 ft	360 ft	375 ft	470 ft	440 ft	560 ft	510ft	650 ft
	1.0 gph	20 PSI	160 ft	210 ft	200 ft	250 ft	260 ft	325 ft	320 ft	400 ft	370 ft	460 ft
	2.0 gph	20 PSI	105 ft	135 ft	130 ft	160 ft	165 ft	210 ft	200 ft	250 ft	230 ft	290 ft
SUPER FLOTM emitter	1.0 gph	20 PSI	140 ft	185 ft	175 ft	220 ft	230 ft	290 ft	280 ft	350 ft	330 ft	400 ft
	2.0 gph	20 PSI	90 ft	115ft	110ft	135 ft	140 ft	175 ft	170 ft	210 ft	190 ft	240 ft
	4.0 gph	20 PSI	60 ft	75 ft	70 ft	90 ft	90 ft	115ft	110ft	140 ft	125 ft	160 ft

MODEL	NOMINAL FLOW RATE	SPACING	MAXIMUM RUN
DURA-PRO JR	0.5 gph	6"	19 ft
mini dripperline	0.5 gph	12"	33 ft

MODEL	NOMINAL FLOW RATE	INmAL PRESSURE	SPACING BETWEEN EMITTERS (INCHES)				
			12"	18"	24"	30"	36"
MINI-PRO emitter	0.5 gph	20 PSI	20 ft	25 ft	30 ft	35 ft	40 ft
	1.0 gph	20 PSI	12 ft	15 ft	18 ft	21 ft	24 ft
	2.0 gph	20 PSI	6ft	7ft	9ft	11 ft	12 ft

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**SPECIFICATIONS**



**LOW FLOW PRODUCTS**

**DISCHARGE RATES (GPH) / RADIUS (FEET)**

Model	Part No.	15 psi		20 psi		25 psi		30 psi		40 psi		45 psi	
		Discharge Radius		Discharge Radius		Discharge Radius		Discharge Radius		Discharge Radius		Discharge Radius	
		gph	ft	gph	ft	gph	ft	gph	ft	gph	ft	gph	ft
Hydro Pro jet	RPTFB 30 (black)	4.8	5.0	5.5	6.0	6.2	7.0	6.8	8.0				
	RPTFB 40 (blue)	8.8	7.0	10.4	8.0	11.7	8.0	12.9	9.0				
	RPTFB 50 (green)	13.8	8.0	15.8	9.0	17.7	9.0	19.5	10.0				
	RPTFB 60 (red)	20.0	8.0	23.3	9.0	26.3	10.0	28.9	11.0				
	RPTFB 70 (white)	32.9	9.0	37.6	10.0	42.5	11.0	46.6	12.0				
	RPTF 336 (black)	4.8	4.0	5.5	4.5	6.2	5.0	6.8	5.0				
	RPTF 436 (blue)	8.8	4.5	10.4	5.0	11.7	5.5	12.9	5.5				
	RPTF 536 (green)	13.8	5.0	15.8	5.5	17.7	6.0	19.5	6.0				
	RPTF 636 (red)	20.0	5.0	23.3	5.5	26.3	6.0	28.9	6.5				
	RPTF 318 (black)	4.8	3.0	5.5	3.5	6.2	4.0	6.8	4.5				
	RPTF 418 (blue)	8.8	3.5	10.4	4.0	11.7	4.5	12.9	5.0				
	RPTF 518 (green)	13.8	4.0	15.8	4.5	17.7	5.0	19.5	5.5				
	RPTF 618 (red)	20.0	4.5	23.3	5.0	26.3	5.5	28.9	6.0				
	RPTF 39 (black)	4.8	4.0	5.5	4.5	6.2	5.5	6.8	6.0				
RPTF 49 (blue)	8.8	4.5	10.4	5.0	11.7	5.5	12.9	6.0					
RPTF 59 (green)	13.8	4.5	15.8	5.5	17.7	6.0	19.5	6.5					
RPTF 69 (red)	20.0	5.0	23.3	5.5	26.3	6.0	28.9	6.5					
RDO-PRO mini-sprinkler	RPRF55, RPRFF55 (brown)			17.6	13	20.0	14	22.0	15	25.3	15		
	RPRF64, RPRFF64 (green)			23.2	13	26.4	14	29.0	15	33.3	16		
	RPRF72, RPRFF72 (blue)			29.0	14	33.0	15	36.3	16	41.7	17		
	RPRF80, RPRFF80 (grey)			34.8	15	39.6	16	43.5	17	50.0	18		
	RPRF87, RPRFF87 (yellow)			40.6	16	46.2	17	50.8	18	58.4	19		
	RPRF93, RPRFF93 (red)			46.4	16	52.8	18	58.0	19	66.6	20		
MICRO-PRO micro-sprinkler	RPMF 35 (orange)	6.6	6	7.7	7	8.6	8	9.4	8				
	RPMF 40 (blue)	8.6	7	10.0	8	11.3	9	12.4	9				
	RPMF 50 (green)	13.6	8	16.0	9	17.9	10	19.7	10				
STATO-PRO	RPSF 32 (green)	6.7	2	7.9	2	9.0	2	10.0	2	11.3	2	12.0	2
	RPSF 42 (white)	9.9	3	11.6	3	13.2	3	14.5	3	16.6	3	17.6	3
	RPSF 52 (red)	15.9	4	18.6	4	21.1	4	23.2	4	26.6	4	28.2	4
	RPSF 70 (black)	25.5	5	30.2	5	34.4	5	37.5	5	43.1	5	45.7	5
MISTI-PRO mister	RPMFM3	2.7	5.5	3.0	6.0	4.0	6.5	5.5	7.0				
	RPMFM6	4.0	5.5	6.0	6.0	7.0	6.5	8.0	7.0				

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