

# Spray Nozzles & Accessories



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Available from B&G Cleaning Systems Call  
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# Dry Boom Nozzle Holders

• Nozzle holders with nylon body

• Max operating pressure 20 Bar



## Bayonet Fitting

Part No.	Barb Ø
8231001	3/8"
8231003	1/2"
8231005	3/4"



## Bayonet Fitting

Part No.	Barb Ø
8231007	3/8"
8231009	1/2"
8231011	3/4"



## Bayonet Fitting

Part No.	Barb Ø
8231013	3/8"
8231015	1/2"
8231017	3/4"



## Bayonet Fitting with Valve

Part No.	Barb Ø
8235001	3/8"
8235003	1/2"
8235005	3/4"

- EPDM seals
- Diaphragm check valve



## Bayonet Fitting with Valve

Part No.	Barb Ø
8235007	3/8"
8235009	1/2"
8235011	3/4"

- EPDM seals
- Diaphragm check valve



## Bayonet Fitting with Valve

Part No.	Barb Ø
8235013	3/8"
8235015	1/2"
8235017	3/4"

- EPDM seals
- Diaphragm check valve



## Bayonet Fitting with Valve

Part No.	Barb Ø
8235019	3/8"
8235021	1/2"
8235023	3/4"

- EPDM seals
- Diaphragm check valve



## Bayonet Fitting with Valve

Part No.	Barb Ø
8235025	3/8"
8235027	1/2"
8235029	3/4"

- EPDM seals
- Diaphragm check valve



## Fly Nut Fitting

Part No.	Barb Ø
8231000	3/8"
8231002	1/2"
8231004	3/4"

- 3/8" BSP fly nut



## Fly Nut Fitting

Part No.	Barb Ø
8231006	3/8"
8231008	1/2"
8231010	3/4"

- 3/8" BSP fly nut



## Fly Nut Fitting

Part No.	Barb Ø
8231012	3/8"
8231014	1/2"
8231016	3/4"

- Nylon body
- 3/8" BSP fly nut



## 1/4" Female Thread

Part No.	Barb Ø
8231018	3/8"
8231020	1/2"
8231022	3/4"

- Nylon body

# Dry Boom Nozzle Holders

- Nozzle holders with nylon body

- Max operating pressure 20 Bar

## 1/4" Female Thread

Part No.	Barb Ø
8231024	3/8"
8231026	1/2"
8231028	3/4"



## 1/4" Female Thread

Part No.	Barb Ø
8231030	3/8"
8231032	1/2"
8231034	3/4"



## Triple Bayonet with Valve

Part No.	Barb Ø
8240001	1/2"
8240003	3/4"

- EPDM seals
- 304 S/Steel clip
- Adjustable
- Diaphragm check valve



## Triple Bayonet with Valve

Part No.	Barb Ø
8240005	1/2"
8240007	3/4"

- EPDM seals
- 304 S/Steel clip
- Adjustable
- Diaphragm check valve



## Triple Bayonet with Valve

Part No.	Barb Ø
8240009	1/2"
8240011	3/4"

- EPDM seals
- 304 S/Steel clip
- Adjustable
- Diaphragm check valve



## Bayonet with Valve - 11/16" Mounting Thread

Part No.	Barb Ø
8235035	1/2"

- EPDM seals
- Diaphragm check valve



## Bayonet with Valve - 11/16" Mounting Thread

Part No.	Barb Ø
8235033	1/2"

- EPDM seals
- Diaphragm check valve



## Bayonet with Valve - 11/16" Mounting Thread

Part No.	Barb Ø
8235031	1/2"

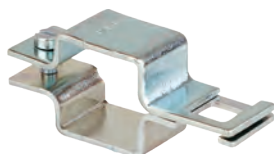
- EPDM seals
- Diaphragm check valve



## Mounting Clamps for Nozzle Holders

Part No.	Sq Size
8235037	3/4"
8235039	1"
8235041	1 1/4"
8235043	1 1/2"

- Plated steel



## Mounting Clamps for Nozzle Holders

Part No.	Tube Ø
8235036	3/4"
8235038	1"
8235040	1 1/4"

- Plated steel



# Wet Boom Nozzle Holders

## Single Nozzle Holder



Part No.	F	Nom Pipe O/D
8230005	7mm	20.7mm
8230009	10mm	26.2mm

F = Ø of boom tube locating nipple

- Nylon body - EPDM o-rings
- Complete with 304 S/Steel screw
- Standard bayonet fitting
- Max press 20 Bar

## Single Nozzle Holder - With Check Valve



Part No.	F	Nom Pipe O/D
8234005	7mm	20.7mm
8234007	10mm	20.7mm
8234009	10mm	26.2mm

F = Ø of boom tube locating nipple

- Nylon body - EPDM o-rings
- Complete with 304 S/Steel screw
- Standard bayonet fitting
- Max press 20 Bar

## Fixed Nozzle Holder - 3/8" Flynut



Part No.	F	Nom Pipe O/D
8272004	7mm	20.7mm

F = Ø of boom tube locating nipple

- Fitted with 3/8" BSP cap nut
- Chrome plated brass
- NBR seals & o-rings
- Max press 50 Bar

## Fixed Nozzle Holder - 1/4" BSPF Thread



Part No.	F	Nom Pipe O/D
8272002	7mm	20.7mm

F = Ø of boom tube locating nipple

- 1/4" BSPF nozzle thread
- Chrome plated brass
- NBR seals & o-rings
- Max press 50 Bar

## Single Swivel Nozzle Holder



Part No.
8247003

- 1/4" BSPM inlet
- Fitted with 3/8" BSP cap nut
- Chrome plated brass
- NBR seals & o-rings
- Max press 50 Bar

## Twin Swivel Nozzle Holder



Part No.	Thread
8247008	1/4" BSPF Inlet
8247007	1/4" BSPM Inlet

- 1/4" BSPF inlet
- Fitted with 3/8" BSP cap nuts
- Chrome plated brass
- NBR seals & o-rings
- Max press 50 Bar

## Swivel Twin Nozzle Holder



Part No.	Thread
8247014	1/4" BSPF Inlet
8247016	3/8" BSPF Inlet

- 2x Quick Fit adaptors
- 15 Bar max pressure
- Nylon 66 body
- EPDM seals

## Boom Tubes & Accessories

### PVC Sprayer Booms



Part No.	Length	Holes	Ø
8292324	570mm	2	7mm
8292325	1070mm	3	7mm
8292326	1570mm	4	7mm
8292327	2070mm	5	7mm

- Manufactured in PVC
- Pre-drilled 500mm spacings
- Tube ends threaded to 1/2" BSP
- Tube nominal O/D 21.0mm

### Stainless Steel Boom Tubes



Part No.	Length	Holes	Ø
8292000	570mm	2	7mm
8292001	1070mm	3	7mm
8292002	1570mm	4	7mm
8292003	2070mm	5	7mm
8292007	2570mm	6	7mm
8292104	3070mm	7	7mm

- Manufactured in 304 Stainless Steel
- Pre-drilled 50cm spacings
- Tube ends threaded to 1/2" BSP
- Tube nominal O/D 21.3mm
- Max press 20 Bar



### Boom Spring & Washer

Part No.	Description
8294002	Washer
8294003	Spring



### Steel Boom Clamps

Part No.	Clamp Diameters
8294000	1/2" x 25mm
8294001	1/2" x 30mm

# Foam Marker & Nozzle Accessories

## Quick Fit Nozzle Caps

Part No.	Colour
8253000	RED
8253001	YELLOW
8253002	GREEN
8253003	BLUE
G00002020	Spare Gasket



- Compatible with Lurmark
- Fitted with EPDM gaskets

## Nozzle Fly Nut

Part No.	Thread
8040102	3/8" BSPF



## Nozzle Cup Filter

Part No.	Mesh	Colour
8139000	32	RED
8139001	50	BLUE



## Standard Nozzle Filter

Part No.	Mesh	Colour
8139002	50	BLUE
8139003	100	GREEN



## Standard with Anti-drip Ball Check Valve

Part No.	Mesh	Colour
8139004	50	BLUE
8139005	100	GREEN



## Quick Fit Adaptor - Female Thread

Part No.	Thread
8230019	1/4" BSPF
8294020	3/8" BSPF
8294021	1/2" BSPF
8294022	3/4" BSPF



Part No.	Description
8253040	Blanking Cap

- Nylon body

## Quick Fit Adaptor - Male Thread

Part No.	Thread
8230015	1/4" BSPM



- Nylon body

## 90° Quick Fit Adaptor

Part No.
8230022



- Nylon body

## 45° Quick Fit Adaptor - Female Thread

Part No.	Thread
8230016	1/2" BSPF
8230014	3/4" BSPF



- Nylon body

## 2 x 45° Quick Fit Adaptor

Part No.
8230018



- Nylon body

## Foam Marker & Foaming Agent

### Foam Marker

Part No.
8394014

- 24 litre polyethylene tank
- Diaphragm compressor with 12 volt DC electric motor
- 150mm long vertical foam spreaders
- Adjustable supports & diffusers
- Control box with on/off switch, directional warning lights & fuse

### Foaming Agent

Part No.	Description
8394008	5 Litre container

- High density pink foaming agent
- Superior life & foam volume





# Spray Tips



## Acetal Flat Fan Nozzle Tips

	Size	80° Part No.	110° Part No.
Orange	01	8259521	8259507
Green	015	8259522	8259508
Yellow	02	8259523	8259509
Blue	03	8259524	8259510
Red	04	8259525	8259511
Brown	05	8259526	8259512
Grey	06	8259527	8259513
White	08	8259549	8259548
Light Blue	10	8259551	8259550
Olive	15	8259553	8259552
Black	20	-	8259554

## Spray Nozzle Flow Formulae

$$L/\text{min} = \frac{L/\text{ha} \times \text{km/h} \times (\text{Nozzle Spacing, m or Band Width, m})}{600}$$

$$L/\text{ha} = \frac{L/\text{min} \times 600}{\text{km/h} \times (\text{Nozzle Spacing, m or Band Width, m})}$$

Nozzle flow chart			Litres / Hectare (50cm spacings)												
			Speed in Km / h												
	Press Bar	Flow Lpm	4	5	6	7	8	9	10	12	14	16	18	20	25
Orange	2	0.32	96	76.8	64	54.9	48	38.4	32	24	21.3	19.2	15.4	12.8	11
	2.5	0.36	108	86.4	72	61.7	54	43.2	36	27	24	21.6	17.3	14.4	12.3
	3	0.39	117	93.6	78	66.9	58.5	46.8	39	29.3	26	23.4	18.7	15.6	13.4
	3.5	0.42	126	101	84	72	63	50.4	42	31.5	28	25.2	20.2	16.8	14.4
	4	0.45	135	108	90	77.1	67.5	54	45	33.8	30	27	21.6	18	15.4
Green	2	0.48	144	115	96	82.3	72	57.6	48	36	32	28.8	23	19.2	16.5
	2.5	0.54	162	130	108	92.6	81	64.8	54	40.5	36	32.4	25.9	21.6	18.5
	3	0.59	177	142	118	101	88.5	70.8	59	44.3	39.3	35.4	28.3	23.6	20.2
	3.5	0.64	192	154	128	110	96	76.8	64	48	42.7	38.4	30.7	25.6	21.9
	4	0.68	204	163	136	117	102	81.6	68	51	45.3	40.8	32.6	27.2	23.3
Yellow	2	0.65	195	156	130	111	97.5	78	65	48.8	43.3	39	31.2	26	22.3
	2.5	0.72	216	173	144	123	108	86.4	72	54	48	43.2	34.6	28.8	24.7
	3	0.79	237	190	158	135	119	94.8	79	59.3	52.7	47.4	37.9	31.6	27.1
	3.5	0.85	255	204	170	146	128	102	85	63.8	56.7	51	40.8	34	29.1
	4	0.91	273	218	182	156	137	109	91	68.3	60.7	54.6	43.7	36.4	31.2
Blue	2	0.96	288	230	192	165	144	115	96	72	64	57.6	46.1	38.4	32.9
	2.5	1.08	324	259	216	185	162	130	108	81	72	64.8	51.8	43.2	37
	3	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5
	3.5	1.27	381	305	254	218	191	152	127	95.3	84.7	76.2	61	50.8	43.5
	4	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6
Red	2	1.29	387	310	258	221	194	155	129	96.8	86	77.4	61.9	51.6	44.2
	2.5	1.44	432	346	288	247	216	173	144	108	96	86.4	69.1	57.6	49.4
	3	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2
	3.5	1.71	513	410	342	293	257	205	171	128	114	103	82.1	68.4	58.6
	4	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4
Brown	2	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2
	2.5	1.8	540	432	360	309	270	216	180	135	120	108	86.4	72	61.7
	3	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5
	3.5	2.13	639	511	426	365	320	256	213	160	142	128	102	85.2	73
	4	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8
Grey	2	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5
	2.5	2.16	648	518	432	370	324	259	216	162	144	130	104	86.4	74.1
	3	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3
	3.5	2.56	768	614	512	439	384	307	256	192	171	154	123	102	87.8
	4	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9
White	2	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5
	2.5	2.88	864	691	576	494	432	346	288	216	192	173	138	115	98.7
	3	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108
	3.5	3.41	1023	818	682	585	512	409	341	256	227	205	164	136	117
	4	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125
Lt Blue	2	3.23	969	775	646	554	485	388	323	242	215	194	155	129	111
	3	3.95	1185	948	790	677	593	474	395	296	263	237	190	158	135
	4	4.56	1368	1094	912	782	684	547	456	342	304	274	219	182	156
Olive	2	4.83	1449	1159	966	828	725	580	483	362	322	290	232	193	166
	3	5.92	1776	1421	1184	1015	888	710	592	444	395	355	284	237	203
	4	6.84	2052	1642	1368	1173	1026	821	684	513	456	410	328	274	235
Black	2	6.44	1932	1546	1288	1104	966	773	644	483	429	386	309	258	221
	3	7.89	2367	1894	1578	1353	1184	947	788	592	526	473	379	316	271
	4	9.11	2733	2186	1822	1562	1367	1093	911	683	607	547	437	364	312

# Spray Tips & Nozzles

## Brass Flat Fan Nozzle Tips 110°

Part No.	Size	Bar	0.5	0.7	1	1.5	2	3	4	5	6	7	10	15	20	35
8259134	01	Flow Rate Lpm	0.15	0.18	0.23	0.27	0.32	0.39	0.46	0.5	0.55	0.6	0.7	0.9	1	1.3
8259135	015		0.24	0.3	0.34	0.43	0.48	0.59	0.58	0.76	0.83	0.9	1.1	1.3	1.5	2
8259136	02		0.31	0.38	0.45	0.55	0.64	0.78	0.9	1	1.1	1.2	1.5	1.8	2	2.7
8259137	03		0.48	0.55	0.68	0.85	0.96	1.2	1.36	1.5	1.7	1.8	2.1	2.6	3	4
8259138	04		0.64	0.75	0.9	1.1	1.3	1.6	1.8	2	2.2	2.4	2.9	3.5	4	5.3



## Spray & Wash Gun Nozzles - 275 Bar

Part No.	Nozzle Ø mm	Bar	15	25	35	40	45	50	60	80	100	120	150
ART811-1	1	Flow Rate Lpm	2.50	3.10	3.50	3.65	3.85	4.10	4.55	5.8	6.7	7.1	7.9
ART811-1.2	1.2		3.80	4.60	5.40	5.90	6.10	6.30	7.00	8.2	9.2	10.1	11.3
ART811-1.5	1.5		5.10	6.50	7.40	7.80	8.20	8.60	9.50	10.8	12.1	13.2	14.8
ART811-1.8	1.8		7.30	9.30	10.80	11.70	12.20	12.70	13.60	14.5	16.2	17.7	19.8
ART811-2	2		8.80	11.70	13.40	14.30	15.20	15.80	17.10	18.5	20.7	22.7	25.3
ART811-2.3	2.3		10.80	14.10	16.80	17.90	18.80	19.70	22.10	26.8	30	32.8	36.7
ART811-2.5	2.5		13.00	16.40	19.10	21.00	15.40	23.00	25.40				
ART811-3	3		18.40	24.10	28.20	30.10	31.50	33.00	36.30				
ART811-3.5	3.5		24.20	30.50	36.00	38.50	41.50	44.00	50.00				
ART811-5	5		41.8	54	64	68.3	72.5	76.4	83.7				



- M15 x 1 male thread
- Compatible with high volume wash guns see page 224 & 241

HP Nozzles



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