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6/15/2016
BF Applicator Catalog



The Next Level of Technology

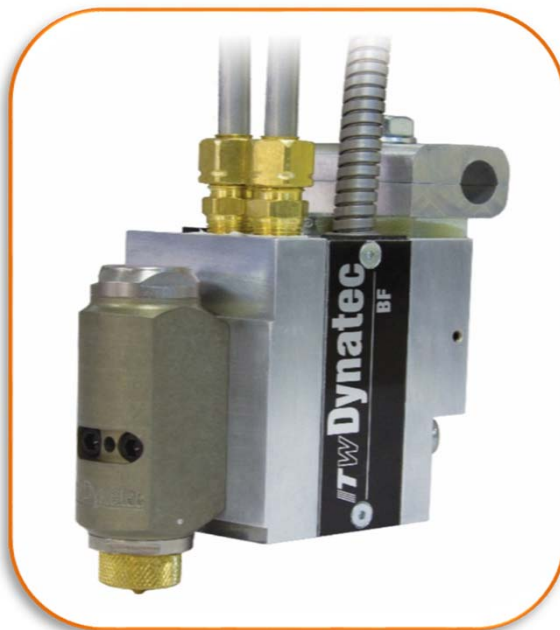
■ innovation ■ service ■ reliability



The Next Level of Technology

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BF Applicator Catalog



MOD-PLUS™ BF Bead applicators

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MOD-PLUS™ BF Bead applicators

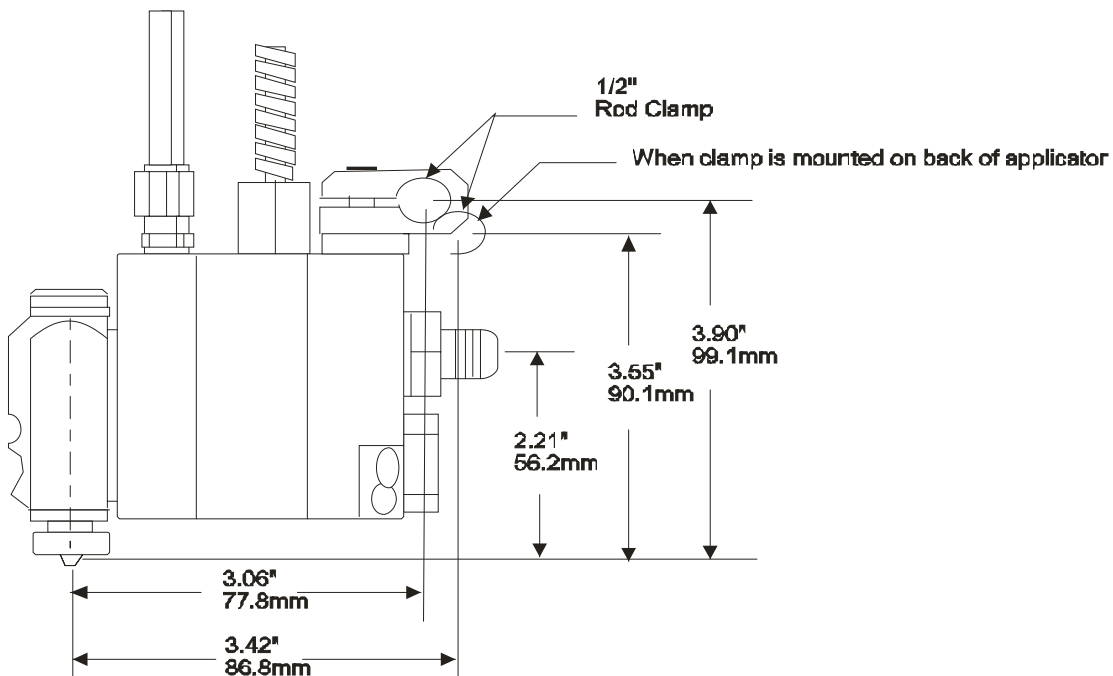
Specifications

Dimensions	see dimensional layout on following page
Fluid Fittings	9/16"-18 37° JIC male swivel at both ends.
Maximum Operating Temperature	425°F (218°C)
Maximum Operating Pressure	1000 PSI (68 bar)
Warm-up Time	15 minutes
Cycle rate	5000 cycles/minute maximum
Adhesive viscosity	100 to 50,000 centipoise

Air requirements

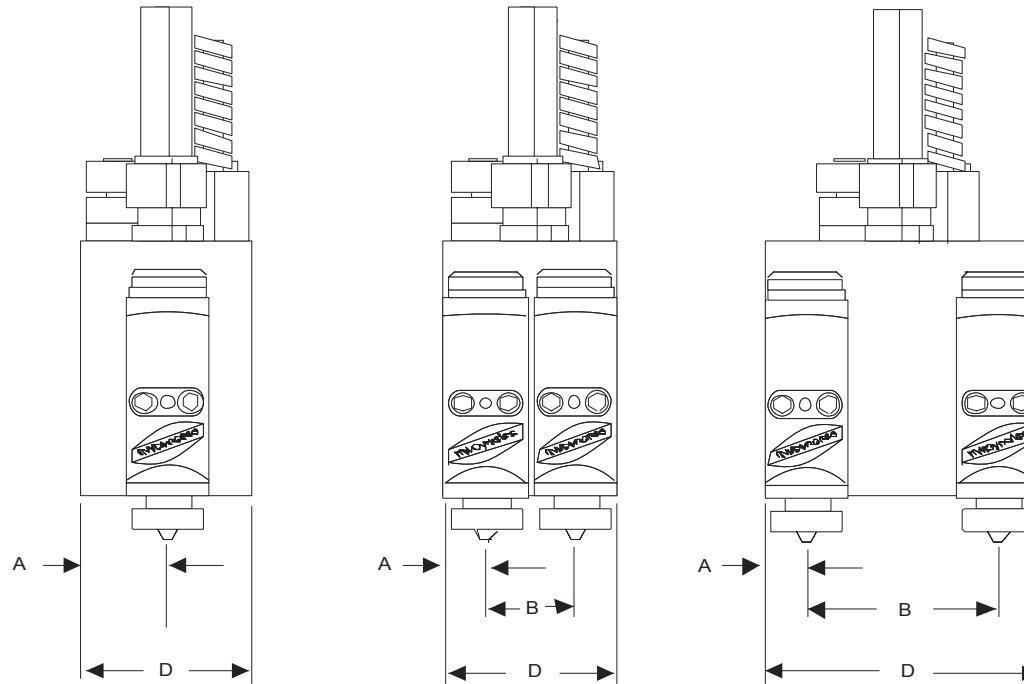
Air pressure range	70 to 140 psi (4.8 to 9.5 bar)
Air consumption	.01 SCFM per module @ 100 cycles/minute (.28 liters/minute @ 100 cycles/minute)

Dimension (side)



Drawings are not to scale and are for reference only

MOD-PLUS™ BF applicator dimensions



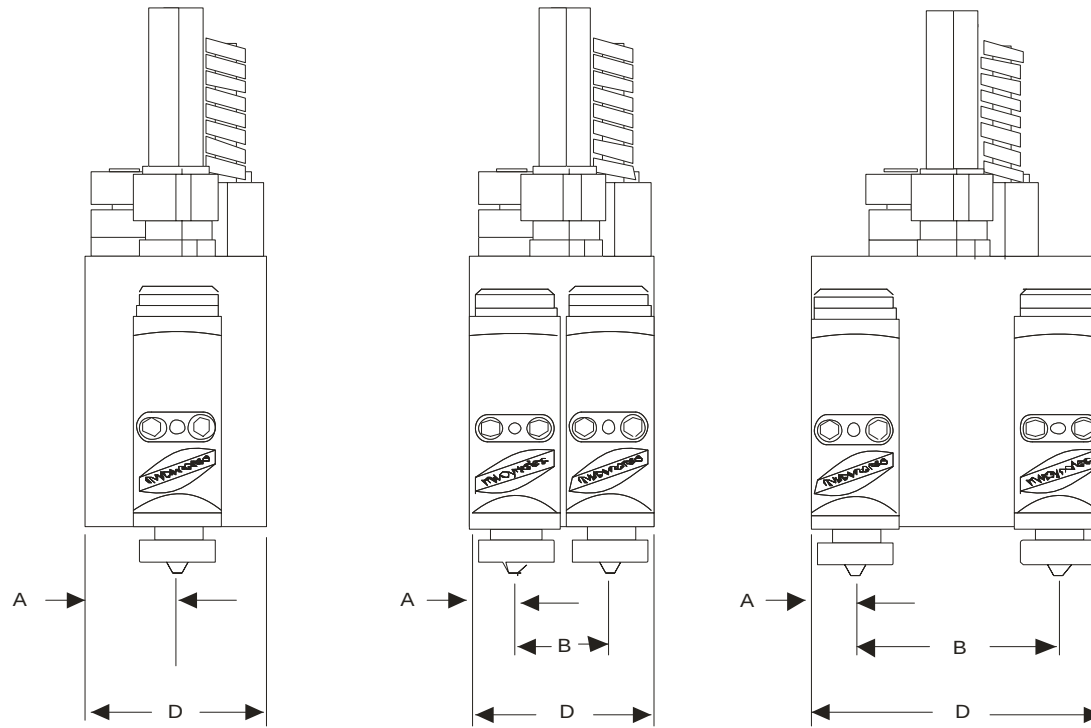
Drawings are not to scale and are for reference only

Number Of Modules						Drawings are not to scale and are for reference only			
	Part Number	Volts	WR	Air Program		Dimensions			
1	BF0441BD2S	240	No	CA	NA	0.86" (22mm)	NA	NA	1.73" (44mm)
1	BF0441BD2W	240	Yes	CA	NA	0.86" (22mm)	NA	NA	1.73" (44mm)
1	BF0441BD1S	120	No	CA	NA	0.86" (22mm)	NA	NA	1.73" (44mm)
1	BF0441BD1W	120	Yes	CA	NA	0.86" (22mm)	NA	NA	1.73" (44mm)
2	BF0442BD2S	240	No	CA	NA	0.43" (11mm)	0.86" (22mm)	NA	1.73" (44mm)
2	BF0442BD2W	240	Yes	CA	NA	0.43" (11mm)	0.86" (22mm)	NA	1.73" (44mm)
2	BF0442BD1S	120	No	CA	NA	0.43" (11mm)	0.86" (22mm)	NA	1.73" (44mm)
2	BF0442BD1W	120	Yes	CA	NA	0.43" (11mm)	0.86" (22mm)	NA	1.73" (44mm)
2	BF0662BD2S	240	No	CA	NA	0.43" (11mm)	1.73" (44mm)	NA	2.60" (66mm)
2	BF0662BD2W	240	Yes	CA	NA	0.43" (11mm)	1.73" (44mm)	NA	2.60" (66mm)
2	BF0662BD1S	120	No	CA	NA	0.43" (11mm)	1.73" (44mm)	NA	2.60" (66mm)
2	BF0662BD1W	120	Yes	CA	NA	0.43" (11mm)	1.73" (44mm)	NA	2.60" (66mm)

Notes:

- 1) CA = Common Air Program
- 2) IA = Independent Air Program

MOD-PLUS™ BF applicator dimensions



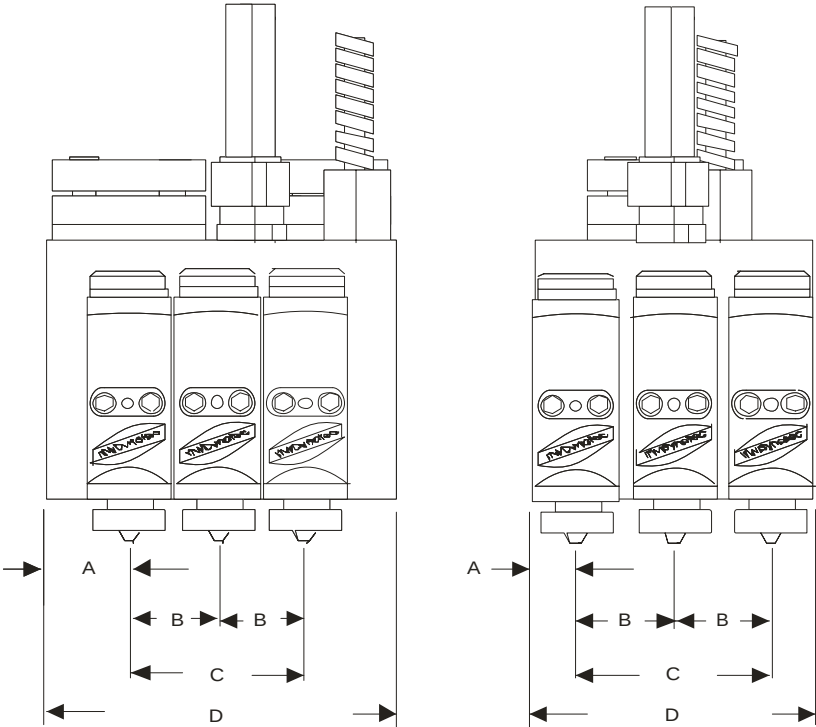
Number Of Modules	<i>Drawings are not to scale and are for reference only</i>								
						Dimensions			
	Part Number	Volts	WR	Air Program		A	B	C	D
2	802242	240	No	IA	1 & 2	0.43" (11mm)	0.86" (22mm)	NA	1.73" (44mm)
2	118026	240	Yes	IA	1 & 2	0.53" (13.5mm)	1.5" (38mm)	NA	2.56" (65mm)
2	807426	240	No	IA	1 & 2	0.61" (15.5mm)	2.2" (57mm)	NA	3.40" (87mm)
2	817013	240	No	IA	1 & 2	0.43" (11mm)	3.6" (88mm)	NA	4.30" (110mm)
2	816255	240	No	IA	1 & 2	.750" (19mm)	4.75" (120.7mm)	NA	6.25" (178.75mm)
2	816476	240	No	IA	1 & 2	1.12 (28.3mm)	1.0" (25.4mm)	NA	3.23" (82mm)
2	801354	240	No	IA	1 & 2	0.61" (15.5mm)	1.38" (35mm)	NA	2.60" (66mm)
2	814201	240	No	CA	NA	.043" (11mm)	1.80" (45mm)	NA	2.65" (68mm)

Adj. Module

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MOD-PLUS™ BF applicator dimensions

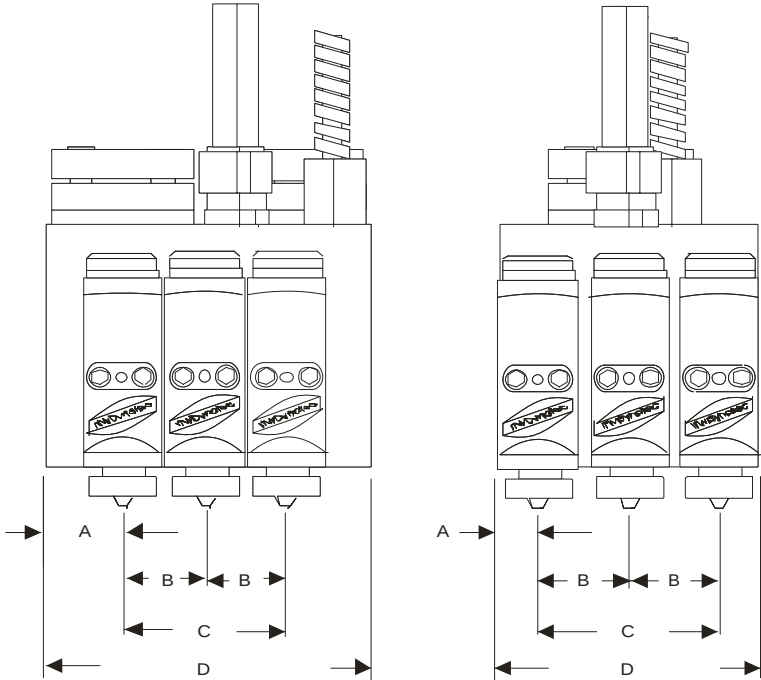


Drawings are not to scale and are for reference only

Number Of Modules							Dimensions			
	Part Number	Volts	WR	Air Program			A	B	C	D
3	BF0883BD2S	240	No	CA	NA		0.86" (22mm)	0.86" (22mm)	1.73" (44mm)	3.46" (88mm)
3	BF0883BD2W	240	Yes	CA	NA		0.86" (22mm)	0.86" (22mm)	1.73" (44mm)	3.46" (88mm)
3	BF0883BD1S	120	No	CA	NA		0.86" (22mm)	0.86" (22mm)	1.73" (44mm)	3.46" (88mm)
3	BF0883BD1W	120	Yes	CA	NA		0.86" (22mm)	0.86" (22mm)	1.73" (44mm)	3.46" (88mm)

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MOD-PLUS™ BF applicator dimensions



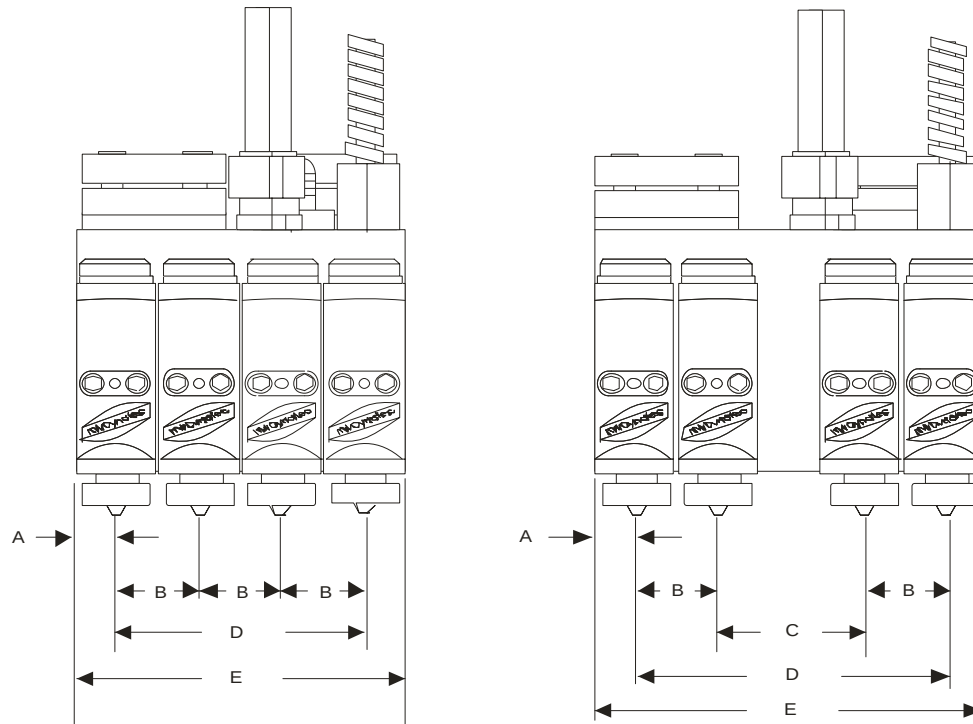
Drawings are not to scale and are for reference only

Number Of Modules	Part Number	Volts	WR	Air Program		Dimensions			
						A	B	C	D
3	804094	240	No	CA	NA	0.43" (11mm)	1.0" (25.4mm)	2.0" (50.8mm)	2.76" (72.6mm)
3	811335	240	No	CA	NA	0.66" (16.8mm)	1.5" (38.1mm)	3.0"(76.2mm)	4.33" (110mm)
3	811072	240	No	CA	NA	.050" (12.7mm)	2.00" (50.8mm)	4.00" (102mm)	5.00" (127mm)
3	118932	240	Yes	IA	1,2,3	0.66" (16.8mm)	1.5" (38.1mm)	3.0"(76.2mm)	4.33" (110mm)
3	118281	240	Yes	IA	1,2,3	0.75" (19.1mm)	1.0" (25.4mm)	2.0" (50.8mm)	3.5" (88.9mm)
3	804007	240	No	IA	1,2,3	0.75" (19.1mm)	1.0" (25.4mm)	2.0" (50.8mm)	3.5" (88.9mm)
3	811935	240	Yes	IA	1,2,3	0.75" (19.1mm)	1.0" (25.4mm)	2.0" (50.8mm)	3.5" (88.9mm)
3	816912	240	No	IA	1,2,3	0.75" (19.1mm)	1.73" (44mm)	3.46" (88mm)	4.94" (126mm)
3	809458	240	No	IA	1,2,3	0.875" (22.2mm)	.88" (22mm)	1.75" (45mm)	3.50" (88.9mm)

Optima #4
Includes 100054 Sol.

- Notes:
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MOD-PLUS™ BF applicator dimensions

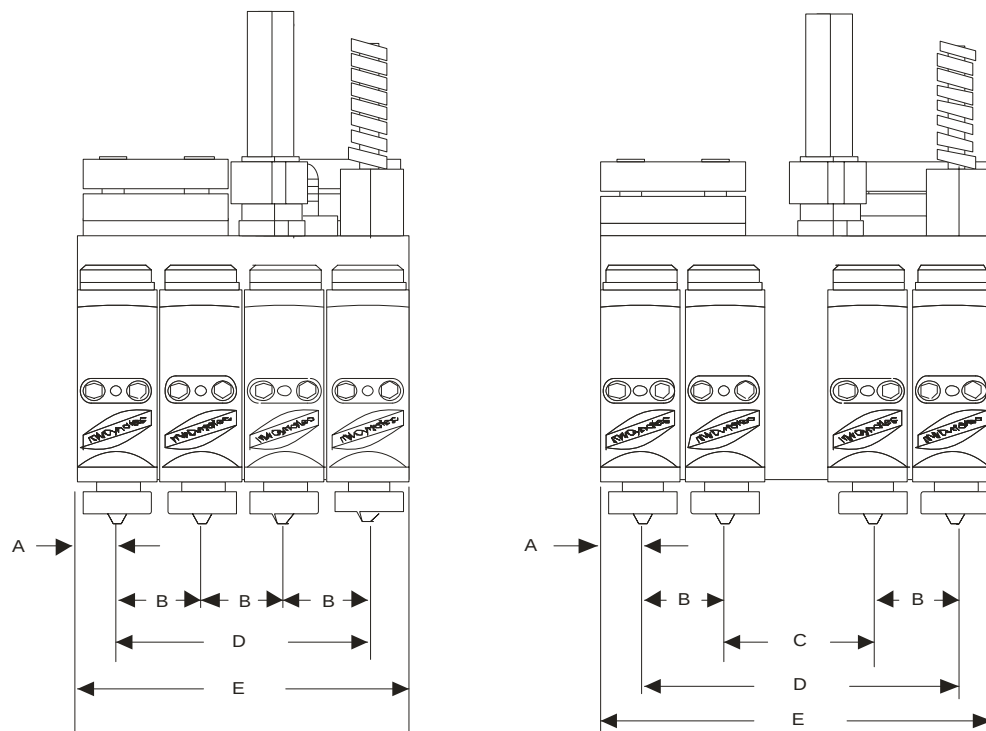


Number Of Modules						<i>Drawings are not to scale and are for reference only</i>				
	Part Number	Volts	WR	Air Program		A	B	C	D	E
4	BF0884BD2S	240	No	CA	NA	0.43" (11mm)	0.86" (22mm)	NA	2.60" (66mm)	3.46" (88mm)
4	BF0884BD2W	240	Yes	CA	NA	0.43" (11mm)	0.86" (22mm)	NA	2.60" (66mm)	3.46" (88mm)
4	BF0884BD1S	120	No	CA	NA	0.43" (11mm)	0.86" (22mm)	NA	2.60" (66mm)	3.46" (88mm)
4	BF0884BD1W	120	Yes	CA	NA	0.43" (11mm)	0.86" (22mm)	NA	2.60" (66mm)	3.46" (88mm)
4	BF1104BD2S	240	No	CA	NA	0.43" (11mm)	0.86" (22mm)	1.73" (44mm)	3.46" (88mm)	4.33" (110mm)
4	BF1104BD2W	240	Yes	CA	NA	0.43" (11mm)	0.86" (22mm)	1.73" (44mm)	3.46" (88mm)	4.33" (110mm)
4	BF1104BD1S	120	No	CA	NA	0.43" (11mm)	0.86" (22mm)	1.73" (44mm)	3.46" (88mm)	4.33" (110mm)
4	BF1104BD1W	120	Yes	CA	NA	0.43" (11mm)	0.86" (22mm)	1.73" (44mm)	3.46" (88mm)	4.33" (110mm)

Notes:

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- 2) IA = Independent Air Program

MOD-PLUS™ BF applicator dimensions



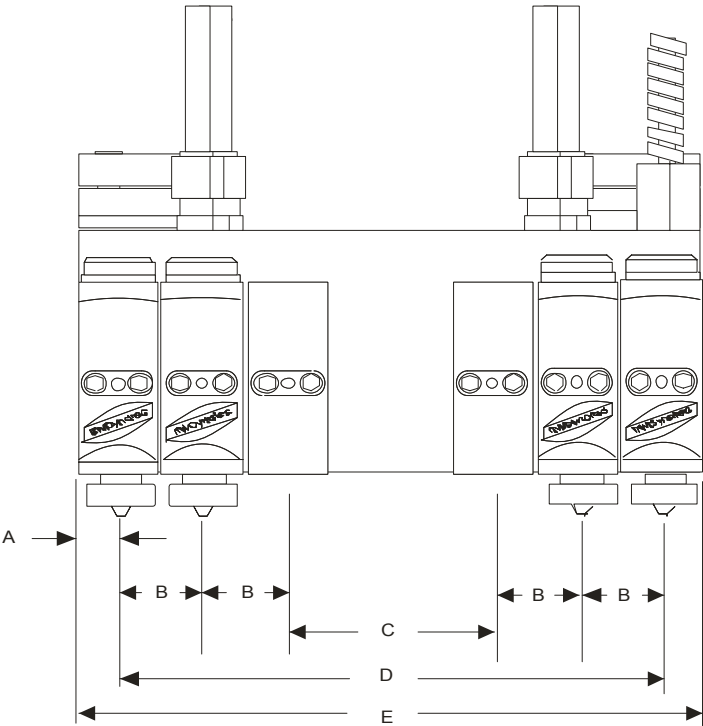
Drawings are not to scale and are for reference only

Number Of Modules						Dimensions				
	Part Number	Volts	WR	Air Program		A	B	C	D	E
4	812515	240	No	IA	1,2,3,4	1.14" (29mm)	1.58" (40mm)	NA	4.73" (120mm)	7.00" (179mm)
4	815820	240	No	IA	1,2,3,4	0.43" (11mm)	1.375" (35mm)	NA	4.125" (105mm)	5.00" (127mm)
4	801660	240	No	IA	1,2 X 3,4	0.43" (11mm)	0.86" (22mm)	NA	2.60" (66mm)	3.46" (88mm)
4	809871	240	No	IA	1,2,3,4	1.08" (27mm)	0.86" (22mm)	NA	2.60" (66mm)	4.75" (120mm)
4	110225	240	No	CA	NA	0.69" (17.4mm)	.984" (25mm)	NA	2.95" (75mm)	4.32" (110mm)
4	812341	240	No	IA	1,2 X 3,4	0.43" (11mm)	0.86" (22mm)	5.90" (150mm)	7.6" (194mm)	8.60" (218mm)
4	811799	240	No	IA	1,2 X 3,4	0.63" (10mm)	0.86" (22mm)	5.00" (127mm)	6.73" (171mm)	8.00" (203mm)
4	807239	240	No	IA	1,2 X 3,4	0.43" (11mm)	0.86" (22mm)	1.73" (44mm)	3.46" (88mm)	4.33" (110mm)
4	812572	240	No	IA	1,2,3,4	0.70" (17.7mm)	0.86" (22mm)	1.50" (38mm)	3.22" (82mm)	4.64" (118mm)
4	150013	240	No	IA	1,2 X 3,4	0.43" (11mm)	1.18" (30mm)	3.15" (80mm)	5.51" (140mm)	6.378" (162mm)

Notes:

- 1) CA = Common Air Program

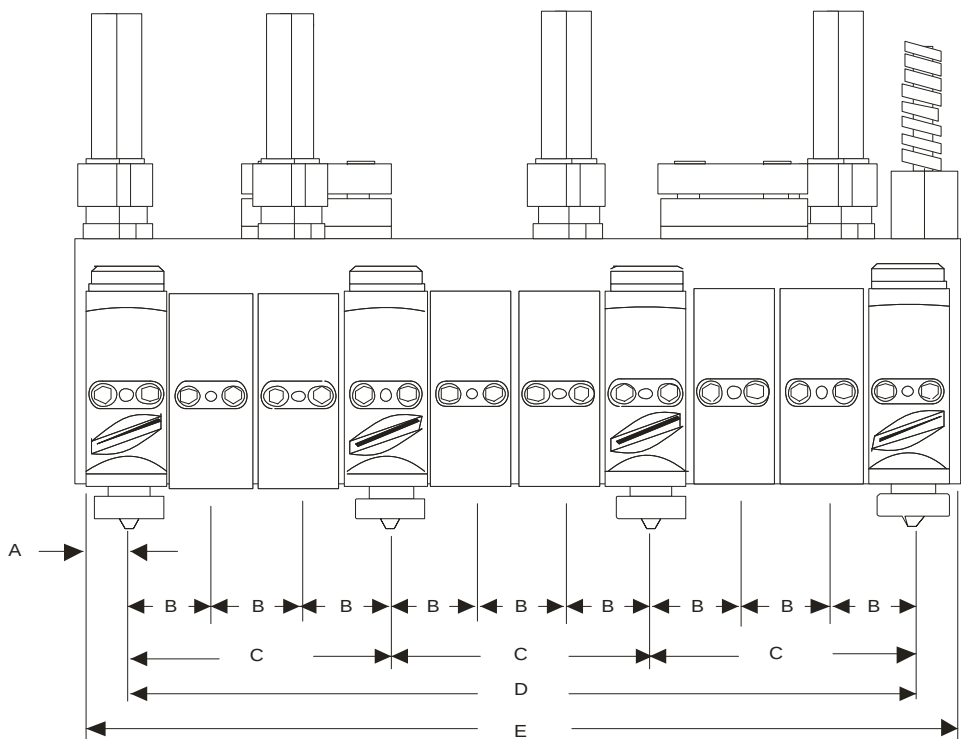
MOD-PLUS™ BF applicator dimensions



Number Of Modules						<i>Drawings are not to scale and are for reference only</i>				
	Part Number	Volts	WR	Air Program		A	B	C	D	E
4	808669	240	No	IA	1,2 X 5,6	0.43" (11mm)	0.86" (22mm)	1.733" (44mm)	5.20 (132mm)	6.06" (154mm)

- Notes:
- 1) CA = Common Air Program
 - 2) IA = Independent Air Program
 - 3) Actual Air Program 1,2,3 X 4,5,6

MOD-PLUS™ BF applicator dimensions

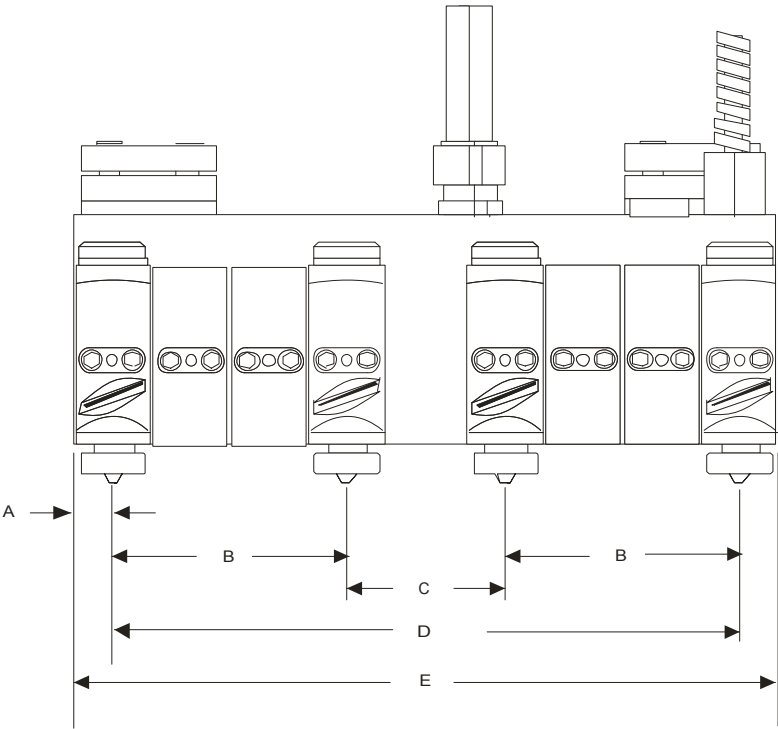


Number Of Modules						Drawings are not to scale and are for reference only Dimensions				
	Part Number	Volts	WR	Air Program		A	B	C	D	E
4	811768	240	No	IA	1 X 4 X 7 X 10	0.43" (11mm)	0.86" (22mm)	1.733" (44mm)	5.20 (132mm)	6.06" (154mm)

Notes:

- 1) CA = Common Air Program
- 2) IA = Independent Air Program
- 3) Actual Air Program 1 X 2,3,4 X 5,6,7 X 8,9,10

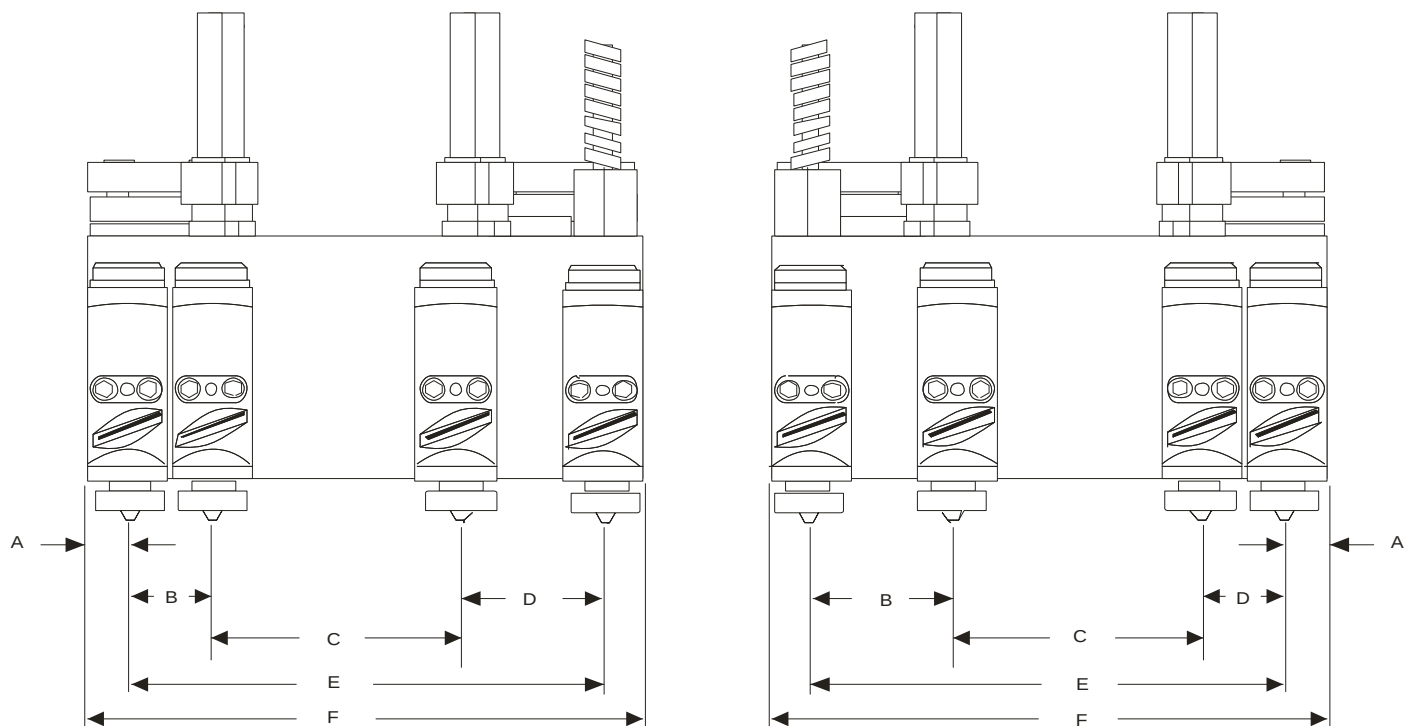
MOD-PLUS™ BF applicator dimensions



Number Of Modules						<i>Drawings are not to scale and are for reference only</i>				
	Part Number	Volts	WR	Air Program		A	B	C	D	E
4	118458	240	No	CA	NA	0.43" (11mm)	2.60" (22.3mm)	1.73" (44mm)	6.93" (176mm)	7.80" (198mm)

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MOD-PLUS™ BF applicator dimensions

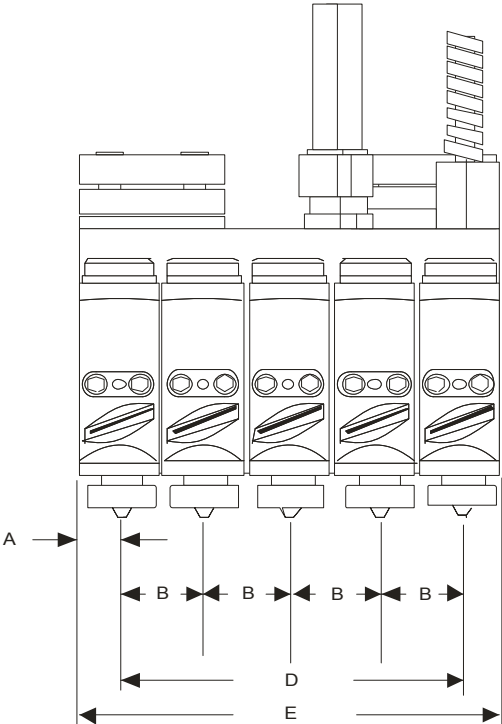


Number Of Modules	Drawings are not to scale and are for reference only										
	Dimensions										
	Part Number	Volts	WR	Air Program		A	B	C	D	E	F
4	805011	240	No	IA	1,2 X 3,4	0.43" (11mm)	0.88" (22.3mm)	1.375" (35mm)	1.50" (38mm)	3.76 (95.5mm)	4.62" (117mm)
4	805013	240	No	IA	1,2 X 3,4	0.43" (11mm)	1.50" (38mm)	1.375" (35mm)	0.88" (22.3mm)	3.76 (95.5mm)	4.62" (117mm)
4	809526	240	No	IA	1 X 2,3 X 4	0.75" (19mm)	1.00" (25.4mm)	2.00" (50.8mm)	2.00" (50.8mm)	5.00" (127.5mm)	6.50" (165mm)
4	809523	240	No	IA	1 X 2,3 X 4	0.75" (19mm)	2.00" (50.8mm)	2.00" (50.8mm)	1.00" (25.4mm)	5.00" (127.5mm)	6.50" (165mm)
4	809667	240	No	IA	1,2 X 3,4	0.75" (19mm)	0.88" (22.4mm)	1.75" (44.5mm)	1.75" (44.5mm)	4.38" (111.4mm)	5.88" (149mm)
4	809669	240	No	IA	1,2 X 3,4	0.75" (19mm)	1.75" (44.5mm)	1.75" (44.5mm)	0.88" (22.4mm)	4.38" (111.4mm)	5.88" (149mm)
4	150002	240	No	IA	1,2 X 3 X 4	.433" (11mm)	1.73" (44mm)	0.88" (22.4mm)	0.88" (22.4mm)	3.46" (87.88mm)	4.13" (105mm)
4	150006	240	No	IA	1 X 2 X 3,4	.433" (11mm)	0.88" (22.4mm)	0.88" (22.4mm)	1.73" (44mm)	3.46" (87.88mm)	4.13" (105mm)

Notes:

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- 3) These Applicators are Mirror Image of each other.

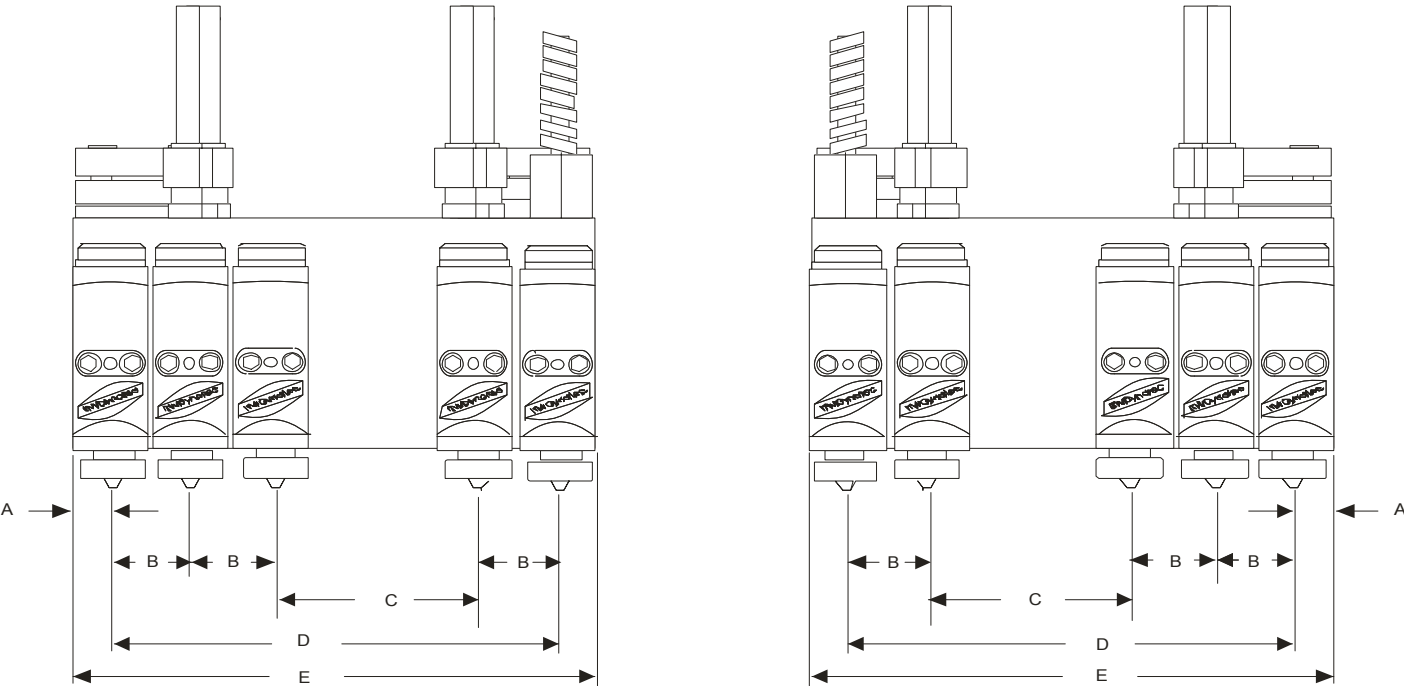
MOD-PLUS™ BF applicator dimensions



Number Of Modules						<i>Drawings are not to scale and are for reference only</i>				
	Part Number	Volts	WR	Air Program		A	B	C	D	E
5	805687	240	No	CA	NA	0.43" (11mm)	1.00" (25.4mm)	NA	4.00" (101.6mm)	4.87" (123.6mm)
5	813625	240	No	CA	NA	0.43" (11mm)	0.86" (22mm)	NA	3.46" (88mm)	4.33" (110mm)

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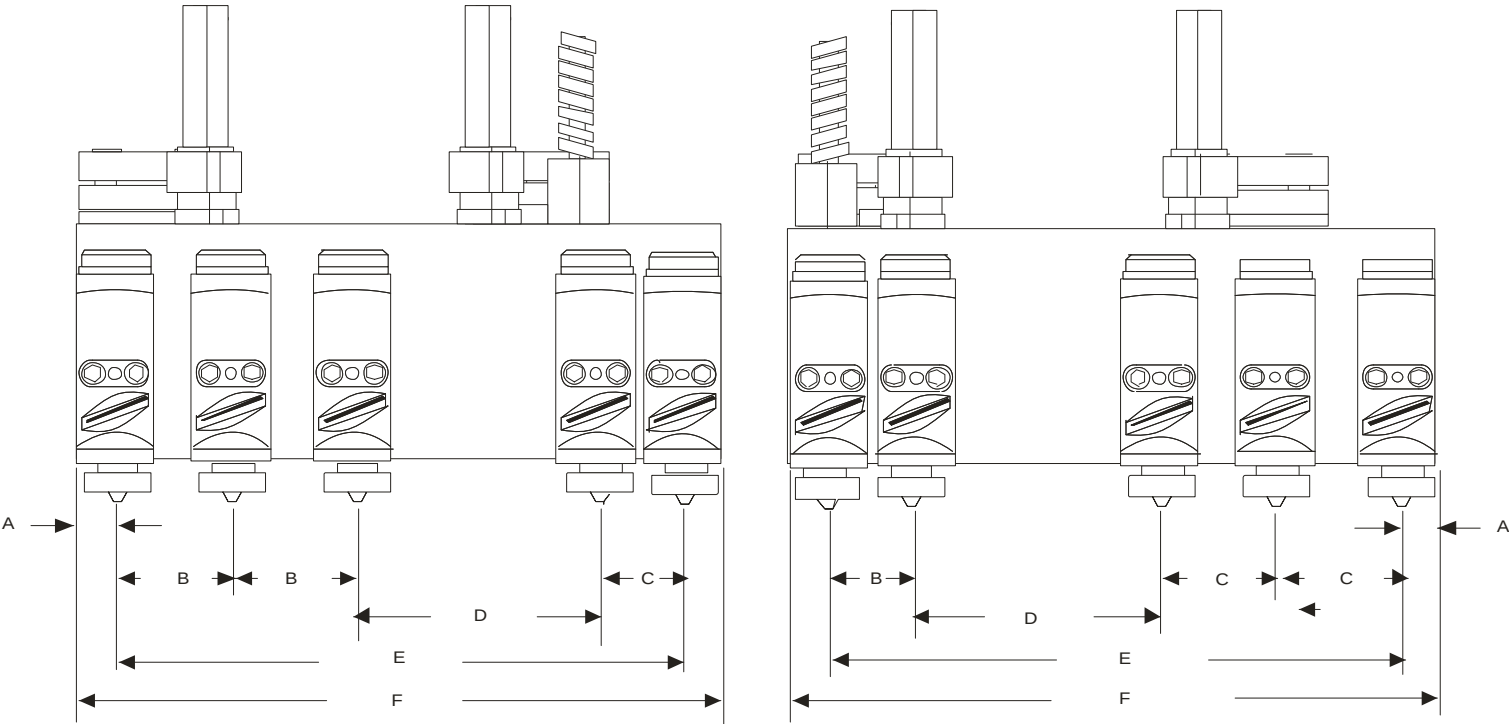
MOD-PLUS™ BF applicator dimensions



Number Of Modules	Part Number	Volts	WR	Air Program	<i>Drawings are not to scale and are for reference only</i> Dimensions					
					A	B	C	D	E	
5	815282	240	No	IA	1,2,3 X 4,5	.750" (19mm)	1.38" (35mm)	4.90" (125mm)	9.05" (230mm)	10.56" (268mm)
5	815285	240	No	IA	1,2 X 3,4,5	.750" (19mm)	1.38" (35mm)	4.90" (125mm)	9.05" (230mm)	10.56" (268mm)

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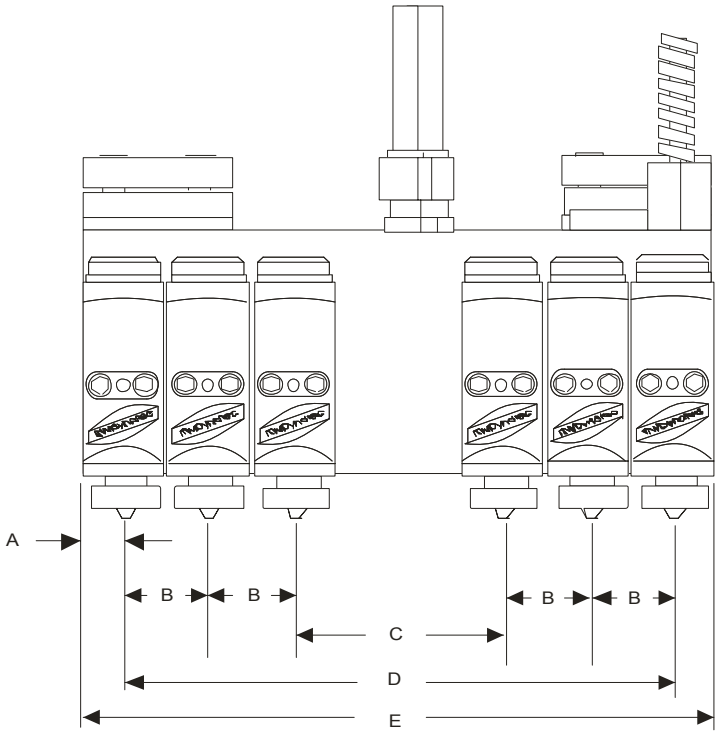
MOD-PLUS™ BF applicator dimensions



Number Of Modules						Drawings are not to scale and are for reference only Dimensions					
	Part Number	Volts	WR	Air Program		A	B	C	D	E	F
5	815922	240	No	IA	1,2,3 X 4,5	.750" (19mm)	1.50" (38mm)	0.88" (22.3mm)	2.00" (50.8mm)	6.08" (149mm)	7.38" (187mm)
5	815919	240	No	IA	1,2 X 3,4,5	.750" (19mm)	0.88" (22.3mm)	1.50" (38mm)	2.00" (50.8mm)	6.08" (149mm)	7.38" (187mm)
5	817408	240	No	IA	1,2,3 X 4 X 5	.787" (20mm)	1.38" (35mm)	0.86" (22mm)	1.38" (35mm)	5.00" (127mm)	6.58" (167mm)
5	817412	240	No	IA	1 X 2 X 3,4,5	.787" (20mm)	0.86" (22mm)	1.38" (35mm)	1.38" (35mm)	5.00" (127mm)	6.58" (167mm)

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MOD-PLUS™ BF applicator dimensions

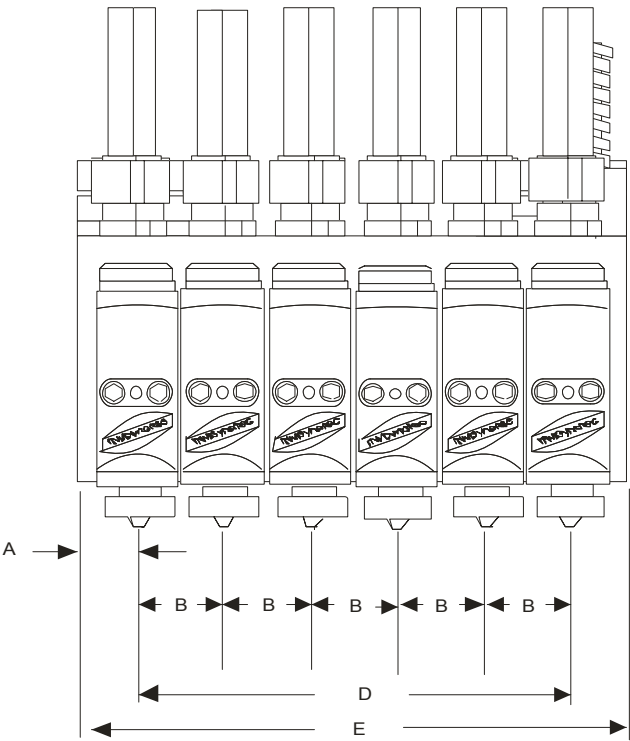


Number Of Modules						<i>Drawings are not to scale and are for reference only</i>				
	Part Number	Volts	WR	Air Program		A	B	C	D	E
6	BF1546BD2S	240	No	CA	NA	0.43" (11mm)	0.88" (22.3mm)	1.73" (44mm)	5.20" (132mm)	6.06" (154mm)
6	BF1546BD2W	240	Yes	CA	NA	0.43" (11mm)	0.88" (22.3mm)	1.73" (44mm)	5.20" (132mm)	6.06" (154mm)
6	BF1546BD1S	120	No	CA	NA	0.43" (11mm)	0.88" (22.3mm)	1.73" (44mm)	5.20" (132mm)	6.06" (154mm)
6	BF1546BD1W	120	Yes	CA	NA	0.43" (11mm)	0.88" (22.3mm)	1.73" (44mm)	5.20" (132mm)	6.06" (154mm)
6	803882	240	No	IA	1,2 X 3 X 4,5 X 6	0.75" (19mm)	1.25" (31.7mm)	2.50" (63.5mm)	7.50" (190.5mm)	9.00 (229mm)
5	108417	240	No	IA	1,2,3 X 4,5,6	0.43" (11mm)	0.86" (22mm)	2.28" (58mm)	5.75" (146mm)	6.61" (168mm)

1 Blank Inst.

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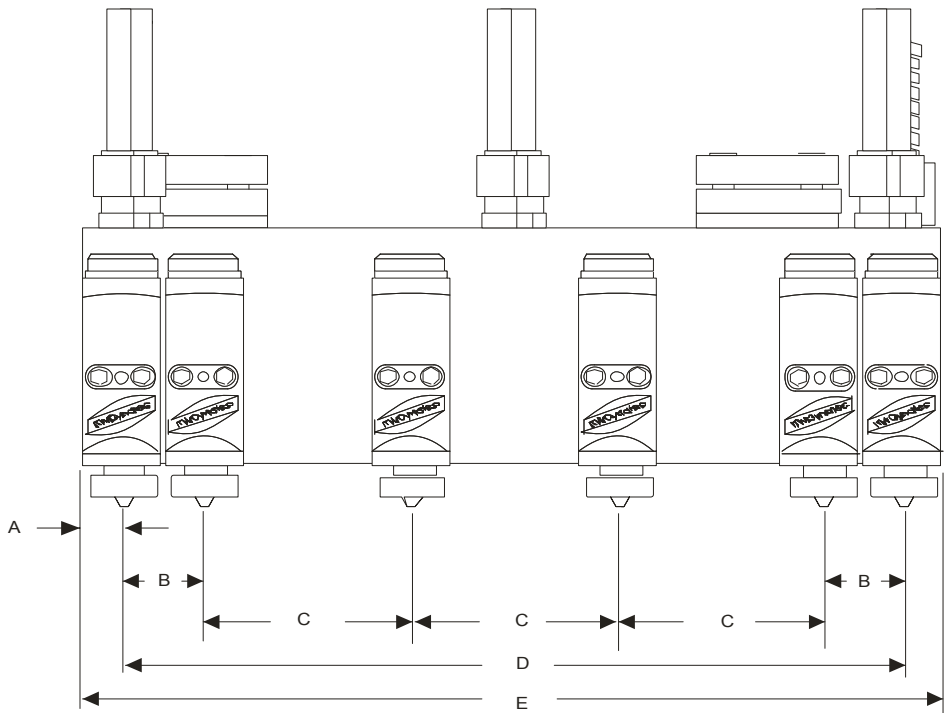
MOD-PLUS™ BF applicator dimensions



Number Of Modules						Drawings are not to scale and are for reference only Dimensions				
	Part Number	Volts	WR	Air Program		A	B	C	D	E
6	813775	240	No	IA	1,2,3,4,5,6	0.83" (21.1mm)	1.25" (31.5mm)	NA	6.25" (159mm)	7.91" (201mm)
6	814000	240	No	IA	1,2,3,4,5,6	.354" (9.0mm)	0.88" (22.4mm)	NA	4.40" (112mm)	5.58" (142mm)
6	817390	240	No	IA	1,2 X 3,4 X 5,6	.551" (20mm)	1.00" (25.4mm)	NA	5.00" (127mm)	6.58" (167mm)
6	805653	240	No	CA	NA	0.43" (11mm)	1.50" (38mm)	NA	7.50" (190mm)	8.36" (212mm)

- Notes:
- 1) CA = Common Air Program
 - 2) IA = Independent Air Program

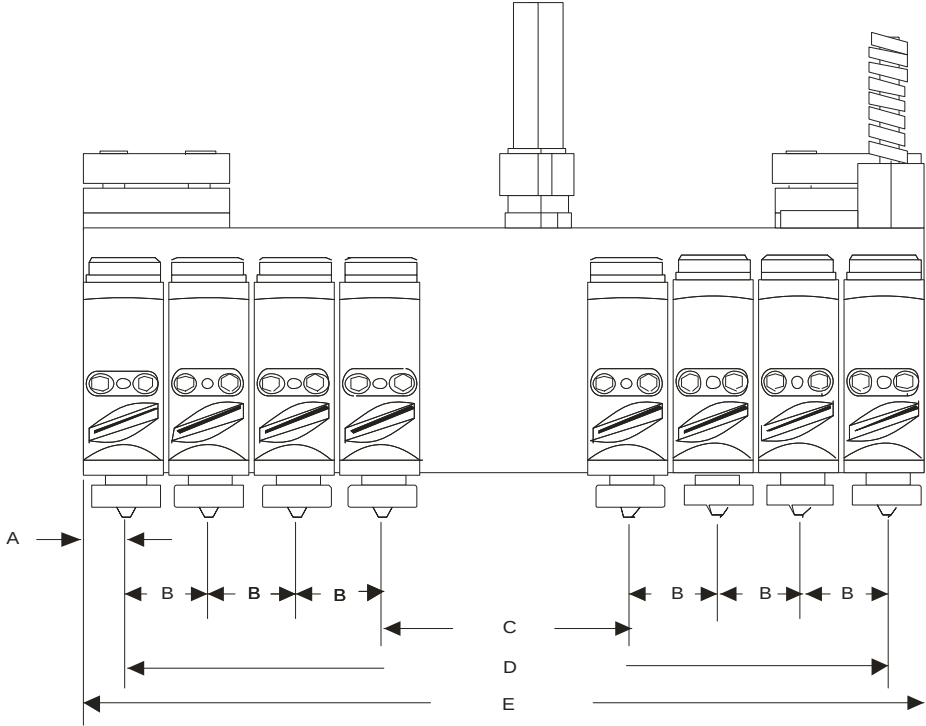
MOD-PLUS™ BF applicator dimensions



Number Of Modules						<i>Drawings are not to scale and are for reference only</i>				
	Part Number	Volts	WR	Air Program		A	B	C	D	E
6	811959	240	No	IA	1,2 X 3,4 X 5,6	0.43" (11mm)	0.86" (22mm)	1.733" (44mm)	7.00" (176mm)	7.80" (198mm)

- Notes:
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MOD-PLUS™ BF applicator dimensions



Number Of Modules						Drawings are not to scale and are for reference only Dimensions				
	Part Number	Volts	WR	Air Program		A	B	C	D	E
8	BF1988BD2S	240	No	CA	NA	0.43" (11mm)	0.86" (22mm)	1.73" (44mm)	6.93" (176mm)	7.8' (198mm)
8	BF1988BD2W	240	Yes	CA	NA	0.43" (11mm)	0.86" (22mm)	1.73" (44mm)	6.93" (176mm)	7.8' (198mm)
8	BF1988BD1S	120	No	CA	NA	0.43" (11mm)	0.86" (22mm)	1.73" (44mm)	6.93" (176mm)	7.8' (198mm)
8	BF1988BD1W	120	Yes	CA	NA	0.43" (11mm)	0.86" (22mm)	1.73" (44mm)	6.93" (176mm)	7.8' (198mm)
8	805022	240	No	IA	1,2,3,4 X 5,6,7,8	0.43" (11mm)	0.86" (22mm)	1.73" (44mm)	6.93" (176mm)	7.8' (198mm)
8	810979	240	No	IA	1,2,3,4 X 5,6,7,8	0.75" (19.1mm)	1.50" (38.1mm)	NA	10.50" (26.7mm)	12.00" (305mm)
8	815842	240	No	IA	1,2,3,4,5,6,7,8	0.625" (15.9mm)	2.95" (75mm)	NA	20.67" (525mm)	21.92" (557mm)
8	150024	240	No	IA	1,2,3,4,5,6,7,8	0.591" (15mm)	0.86" (22mm)	NA	6.16" (157mm)	7.34' (186.46mm)

- Notes:
- 1) CA = Common Air Program
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