

Banjo Electric Ball Valves 2-Way 12 Volt DC

- 316 stainless steel ball & stem
- Diamond turned self-aligning ball
- Full & standard port versions
- Viton O-rings & Teflon seats
- Max press 10 Bar @ 21°C
- Internally fused/automatic reset
- Glass reinforced Polypropylene
- Stainless steel fasteners
- Amps: regulating = 3.5 On/Off = 1



REGULATING valves - FP = full port

Part No.	Thread size	Ball opening	Speed	Price	Code
VER075	3/4" F	1"	4 sec	282.37	K
VER100FP	1" F	1"	4 sec	282.37	K
VER125	1 1/4" F	1"	4 sec	232.54	K
VER150	1 1/2" F	1 1/2"	4 sec	355.45	K
VER200	2" F	1 1/2"	4 sec	355.45	K
VER204FP	2" F	2"	4 sec	375.39	K

ON/OFF valves - FP = full port

Part No.	Thread size	Ball opening	Speed	Price	Code
VE075	3/4" F	1"	3/4 sec	203.97	K
VE100FP	1" F	1"	3/4 sec	203.97	K
VE125	1 1/4" F	1"	3/4 sec	203.97	K
VE150	1 1/2" F	1 1/2"	1 1/4 sec	298.98	K
VE200	2" F	1 1/2"	1 1/4 sec	298.98	K
VE204FP	2" F	2"	1 1/4 sec	315.59	K

Banjo Electric Ball Valves 3-Way 12 Volt DC

- 316 stainless steel ball & stem
- Stainless steel fasteners
- Full & standard versions
- Viton O-rings & Teflon seats
- Max press 10 Bar @ 21°C
- Internally fused/automatic reset
- Glass reinforced Polypropylene
- Diamond turned self-aligning ball
- Amps: regulating = 3.5 On/Off = 1



3-Way side load - FP = full port

Part No.	Thread x flange	Ball opening	Speed	Price	Code
VE075SL	3/4" F x Flange	3/4"	3/4 sec	229.22	K
VE100SL	1" F x Flange	1"	3/4 sec	229.22	K
VE125SL	1 1/4" F x Flange	1"	3/4 sec	229.22	K
VE150SL	1 1/2" F x Flange	1 1/2"	1 1/4 sec	330.87	K
VE200SL	2" F x Flange	1 1/2"	1 1/4 sec	330.87	K
VE204SLFP	2" F x Flange	2"	1 1/4 sec	355.45	K

Directional flow right or left - flow CANNOT be turned off

Please contact our sales office for wiring and installation information

3-Way bottom load - FP = full port

Part No.	Thread x flange	Ball opening	Speed	Price	Code
VE075BL	3/4" F x Flange	3/4"	1 1/2 sec	229.22	K
VE100BL	1" F x Flange	1"	1 1/2 sec	229.22	K
VE125BL	1 1/4" F x Flange	1"	1 1/2 sec	229.22	K
VE150BL	1 1/2" F x Flange	1 1/2"	2 1/2 sec	330.87	K
VE200BL	2" F x Flange	1 1/2"	2 1/2 sec	330.87	K
VE204BLFP	2" F x Flange	2"	2 1/2 sec	355.45	K

Directional flow right or left - flow CANNOT be turned off



**For Flange Fittings
See Pages 25 to 26**



Banjo Dry Mate Manifold Couplings

Part No.	Description	Price	Code
DM200ACF	2" Std port flange - Male Dry Mate	111.41	S
DM200DCF	2" Std port flange - Female Dry Mate	119.10	S

For the full range of Dry-Mate couplings & technical information See Section 5



Manifold Tank Fittings

- Glass reinforced polypropylene
- 304 stainless steel fasteners
- EPDM gaskets standard
- Optional viton gaskets available

Bolted manifold tank flanges

Part No.	Outlet	Inlet	Price	Code
MBF100	1" Flange	1 1/2" F thread	23.65	S
MBF200	2" Std port flange	2" F thread	19.41	S
MBF220	2" Full port flange	2" F thread	32.03	S
MBF300	3" Flange	3" NPTF thread	42.74	S



Bolted manifold bottom drain tank flanges

Part No.	Outlet	Inlet	Price	Code
MBF100BD	1" Flange	1 1/2" F thread	24.87	S
MBF150200BD	2" Std port flange	1 1/2" F thread	23.67	S
MBF200BD	2" Std port flange	2" F thread	22.54	S
MBF220BD	2" Full port flange	2" F thread	31.58	S
MBF300BD	3" Flange	3" NPTF thread	44.09	S



Manifold "Y" Strainers - Polypropylene

- EPDM gaskets - 304 S/Steel screens
- Maximum pressure 5 Bar

Part No.	Description	Price	Code
MLS200-20	2" Std port flanged 20 mesh	44.36	S
MLS200-50	2" Std port flanged 50 mesh	44.36	S
MLS200-80	2" Std port flanged 80 mesh	44.36	S
MLS200-120	2" Std port flanged 120 mesh	44.36	S



Manifold "T" Strainers - Polypropylene

- EPDM gaskets - 304 S/Steel screens
- Maximum pressure 10 Bar

Part No.	Description	Price	Code
MLST100-16	1" 16 mesh	20.73	S
MLST100-50	1" 50 mesh	20.73	S
MLST100-80	1" 80 mesh	20.73	S
MLST150-16	2" Std port flanged - 16 mesh	38.59	S
MLST150-30	2" Std port flanged - 30 mesh	38.59	S
MLST150-50	2" Std port flanged - 50 mesh	38.59	S
MLST150-80	2" Std port flanged - 80 mesh	38.59	S

Banjo Manifold Fittings & Valves

Manual Manifold Valves

- Glass reinforced Polypropylene
- Diamond turned self-aligning ball
- Viton O-rings & Teflon seats
- Full & standard port versions
- Max press 7 Bar @ 21°C
- Stainless steel fasteners



"Stubby Valves"™



Flange x male thread

Part No.	Flange	Thread	Price	Code
VSMT200CF	2" Std port	2" M	32.94	S

Flange x male adapter

Part No.	Flange	Adapter	Price	Code
VSF200CF	2" Std port	2" M	32.94	S



"Stubby Valves"™



Flange x female thread

Part No.	Flange	Thread	Price	Code
MVS220FP	2" Full port	2" F	39.76	S

Flange x male adapter - full ported

Part No.	Flange	Adapter	Price	Code
MVSF220FP	2" Full port	2" M	39.76	S



Bolted Valves



Flange x flange - 4 bolt valve

Part No.	Flange	Flange	Price	Code
MV100CF	1"	1"	25.63	S
MV200CF	2" Std port	2" Std port	32.94	S
MV220CF	2" Full port	2" Full port	43.90	S

Flange x flange - 6 bolt valve

Part No.	Flange	Flange	Price	Code
MV300CF	3"	3"	104.47	S

Three-Way Valves

3-WAY bottom load

Part No.	Description	Ball	Price	Code
MV100BL	1" Flanges x 1" F inlet	1"	30.47	S
MV200BL	2" Std port flanges x 1 1/2" F inlet	2"	39.41	S
MV220BL	2" Full port flanges x 2" F inlet	2"	62.41	S
Directional flow right or left - valve CAN be turned off to stop flow				

3-WAY side load

Part No.	Description	Ball	Price	Code
MV100SL	1" Flanges x 1" F inlet	1"	30.47	S
MV200SL	2" Std port flanges x 1 1/2" F inlet	2"	39.41	S
MV220SL	2" Full port flanges x 2" F inlet	2"	62.41	S
Directional flow right or left - valve CANNOT be turned off to stop flow				



Banjo Manifold Fittings & Valves



Electric Manifold Valves 2 & 3-Way 12 Volt DC

- 316 stainless steel ball & stem
- Diamond turned self-aligning ball
- Full & standard port versions
- Viton O-rings & Teflon seats
- Max press 10 Bar @ 21°C
- Internally fused/automatic reset
- Glass reinforced Polypropylene
- 304 stainless steel fasteners
- Amps: regulating = 3.5 On/Off = 1



2-WAY regulating valves

Part No.	Description	Ball Opening	Flange size	Speed Sec	Price	Code
MVER100CF	1" Full port	1"	1"	4	282.37	K
MVER200CF	2" Std port	1 1/2"	2" Std port	4	355.45	K
MVER220CF	2" Full port	2"	2" Full port	4	375.39	K

2-WAY ON/OFF valves

Part No.	Description	Ball Opening	Flange size	Speed Sec	Price	Code
MVE100CF	1" Full port	1"	1"	3/4	203.97	K
MVE200CF	2" Std port	1 1/2"	2" Std port	1 1/4	298.98	K
MVE220CF	2" Full port	2"	2" Full port	1 1/4	315.59	K

3-WAY side load valves

Part No.	Description	Ball Opening	Flange size	Speed Sec	Price	Code
MVE100SLCF	1" Full port	1"	1"	3/4	229.22	K
MVE200SLCF	2" Std port	1 1/2"	1 1/2"	1 1/4	355.45	K
MVE220SLCF	2" Full port	2"	2"	1 1/4	355.45	K

Directional flow right or left - valve **CANNOT** be turned off to stop flow

3-WAY bottom load valves

Part No.	Description	Ball Opening	Flange size	Speed Sec	Price	Code
MVE100BLCF	1" Full port	1"	1"	1 1/2	229.22	K
MVE200BLCF	2" Std port	1 1/2"	1 1/2"	2 1/2	355.45	K
MVE220BLCF	2" Full port	2"	2"	2 1/2	355.45	K

Directional flow right or left - valve **CAN** be turned off to stop flow



Manifold Valve Assemblies

- Fitted with 1" valve bodies

3 Valve assembly

Part No.	Description	Price	Code
MVE103CF	2" Std port inlet flanges & 1" outlet flanges	627.86	K

5 Valve assembly

Part No.	Description	Price	Code
MVE105CF	2" Std port inlet flanges & 1" outlet flanges	1069.68	K



Banjo Manifold Fittings & Valves



Flanged Tee

Part No.	Description	Price	Code
M100TEE	1" Tee	3.39	S
M101TEE	1" Tee - long	3.39	S
M200100TEE	2" Std port x 1" tee	6.86	S
M200TEE	2" Std port tee	7.16	S
M220TEE	2" Full port tee	7.16	S
M300TEE	3" Tee	33.73	S



90° Flange x 90° flange

Part No.	Flange	Flange	Price	Code
M100CPG90	1"	1"	3.69	S
M200CPG90	2"	2" Std port	6.18	S
M200CPG90SH	2"	2" Std port *	6.18	S
M220CPG90	2"	2" Full port	6.18	S
M300CPG90	3"	3"	29.40	S

* Short



Flange cross

Part No.	Description	Price	Code
M100CR	1" Cross	9.99	S
M200CR	2" Std port cross	17.90	S
M220CR	2" Full port cross	17.90	S
M300CR	3" Cross	39.57	S



Flange x hose barb

Part No.	Flange	Barb	Price	Code
M100075BRB	1"	3/4"	0.98	S
M100BRB	1"	1"	0.98	S
M100125BRB	1"	1 1/4"	0.98	S
M200100BRB	2" std port	1"	2.64	S
M200125BRB	2" std port	1 1/4"	3.01	S
M200150BRB	2" std port	1 1/2"	2.64	S
M200BRB	2" std port	2"	2.64	S
M220150BRB	2" full port	1 1/2"	2.64	S
M220BRB	2" full port	2"	2.64	S
M3002200BRB	3"	2"	8.14	S
M300BRB	3"	3"	8.10	S



Flanged tee with 1" inductor

Part No.	Description	Price	Code
M200TEEV	2" Std flange port tee	23.37	S



Flange x 90° barb

Part No.	Flange	Barb	Price	Code
M100075BRB90	1"	3/4"	1.21	S
M100BRB90	1"	1"	1.21	S
M100125BRB90	1"	1 1/4"	1.21	S
M200100BRB90	2" Std port	1"	4.90	S
M200125BRB90	2" Std port	1 1/4"	4.90	S
M200150BRB90	2" Std port	1 1/2"	4.90	S
M200BRB90	2" Std port	2"	4.90	S
M220150BRB90	2" Full port	1 1/2"	4.90	S
M220BRB90	2" Full port	2"	4.90	S
M300BRB90	3"	3"	21.67	S

Gaskets, Clamps & U Bolts

Gaskets

Part No.	Description	Price	Code
M100GV	1" Viton	3.14	T
150G	2" Std port EPDM	0.57	T
150GV	2" Std port Viton	5.51	T
200G	2" Full port EPDM	0.64	T
200GV	2" Full port Viton	9.36	T
300G	3" EPDM	0.84	T
300GV	3" Viton	11.21	T

S/Steel clamps

Part No.	Outlet	Price	Code
FC100	1" Clamp	4.71	S
FC200	2" Std port	5.43	S
FC220	2" Full port	5.95	S
FC300	3" Clamp	8.22	S

S/Steel U bolts

Part No.	Description	Price	Code
UB100	1" Mounting	4.19	S
UB200	2" Std port mounting	4.95	S

Banjo Manifold Fittings & Valves

Dual Pumps

“Make the right connection”

Construction

- Heavy-duty glass filled polypropylene

Clamps

- Stainless steel worm drive

Gaskets

- EPDM, Viton & Buna

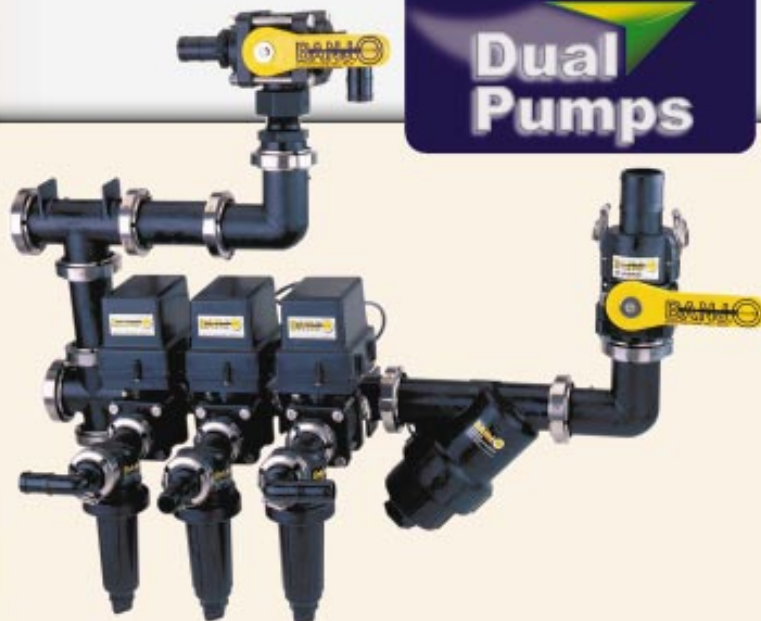
Applications

- Agricultural sprayers
- Fertiliser plants
- Industrial plumbing
- Chemical processing

**BANJO
MANIFOLD
SYSTEMS**

Features

- Positive seals
- Quick & easy assembly
- Easy on/off hose connections
- 360° orientation
- No threads, no sealant, no pipe tape



Flange x male thread

Part No.	Flange	Thread	Price	Code
M100MPT	1"	1" M	1.13	S
M100125MPT	1"	1 1/4" M	1.13	S
M200125MPT	2" Std port	1 1/4" M	2.34	S
M200150MPT	2" Std port	1 1/2" M	2.34	S
M200MPT	2" Std port	2" M	2.34	S
M220MPT	2" Full port	2" M	2.34	S
M300MPT	3"	3" M(NPT)	7.16	S



Flange x reducer flange

Part No.	Flange	Reducer	Price	Code
M200100CPG	2" Std port	1"	7.91	S
M220200CPG	2" Full port	2" Std	7.91	S
M300220CPG	3"	2" Full port	18.47	S



Blanking flange

Part No.	Flange	Price	Code
M100PLG	1" Flange plug	1.13	S
M200PLG	2" Std port flange plug	2.34	S
M220PLG	2" Full port flange plug	2.98	S
M300PLG	3" Flange plug	7.91	S



Flange x flange

Part No.	Flange	Flange	Price	Code
M100CPG	1"	1"	2.64	S
M200CPG	2"	2" Std port	6.97	S
M220CPG	2"	2" Full port	7.84	S



Flange x female thread

Part No.	Flange	Thread	Price	Code
M100FPT	1"	1" F	1.13	S
M200FPT	2" Std port	1 1/2" F	6.78	S



Adapter x flange

Part No.	Adapter	Flange	Price	Code
M220A	2" Male	2" Full port	4.75	S



Flange plug x female thread

Part No.	Flange	Thread	Price	Code
M100PLG025	1"	1/4" F	6.03	S
M200PLG018	2" Std port	1/8" F	7.09	S
M200PLG025	2" Std port	1/4" F	7.09	S
M200PLG038	2" Std port	3/8" F	7.09	S
M200PLG050	2" Std port	1/2" F	7.09	S
M200PLG075	2" Std port	3/4" F	7.09	S
M200PLG100	2" Std port	1" F	7.09	S