



PRODUCT CATALOG

2020 Edition

2425 Salashan Loop | Ferndale, WA 98248

Tel: 360-734-2285 | *Fax:* 360-671-9108

info@mjmarineexhaust.com

www.mjmarineexhaust.com

Formally Unicraft Marine Products. Inc.

TABLE OF CONTENTS

ABOUT US	1
CUSTOMER STATEMENT Our Commitment to You	2
CUSTOM ORDERS	3
TUBING	4
ELBOWS 45° Smooth Turn 90° Smooth Turn	5
UNICRAFT Unicraft 45° Y2 Unicraft 90° Y2 Unicraft Couplers	6
UNILIFT Top In / Top Out Side In / Top Out Side Angle In / Top Out Side In / Side Out	8
COUPLING H922VE FRP - Full Coupling H922VE FRP - Half Coupling H922VE BPO DMA FRP - Full Coupling D470 VE FRP - Full Coupling	12
UNIFLOW MUFFLERS Style 1 - 8	14
BOWTHRUSTER TUBING	21
BATTERY BOXES	21



OUR COMPANY

MJ Marine Exhaust Systems, LLC is a Pacific Northwest-based company serving manufacturers and outfitters of marine vessels. We produce reinforced plastic (RP) tubing and wet exhaust components with a wide variety of uses in the marine industry.

OUR PRODUCTS

Our products are manufactured using a select group of fiber reinforcements and flame retardant HETRON resins. These materials have excellent fire retardant characteristics and qualify for a class 1 rating with flame spread of _25 (ASTM E-84). These materials also meet NFPA Code 91 requirements for blower and exhaust systems.

OUR PROCESS

Our continuous rotating process provides an end product with efficient flow and structural integrity. Materials are wrapped on a rotating mandrel, which is kept spinning throughout the curing process to assure uniform wall thickness and resin distribution. Smooth surface, inner corrosion lines reduce resistance to flow and provide excellent corrosion resistance to acidic environments. Typical tensile and flexural properties of these materials are 19,800 PST and 30,000 PSI, respectively (ASPM D-638 and D-790).

We are an OEM supplier of RP tubing and tube products. We offer these and other products in a more congenial time frame while maintaining the highest degree of quality.

OUR COMMITMENT TO YOU

Dear Customer,

We at MJ Marine are an industrial and FRP Parts manufacturer that builds, promotes, and sells our own line of high quality exhaust systems. As conditions tighten in the Marine Industry, it becomes necessary to cut costs and keep inventories under control.

We are prepared for the challenge of helping to keep the West Coast builders strong, being a Northwest-based company. We are able to do this by helping you **Save on Shipping Costs**, ensuring **Faster Responses** for orders and special designs, and **Carefully Stocking your Order** until it is needed with cut-to-fit pipe so you only pay for what you need with **No Cutting Fee**.

We encourage you to look into our quality exhaust components, shaft logs, bow thruster tubes, sonar tubes or any other hand layed Chop or RTM FRP component you may need from tooling to small parts.

Sincerely,

MJ Marine Exhaust Systems, LLC

RELIABLE EXHAUST SYSTEMS

Our designs aim to avoid the creation of back pressure in the engine by optimally mixing water and gas. Drawing from your engine's specifications, our custom exhaust parts are ready for installation upon delivery.

EXCEPTIONAL CUSTOMER SERVICE

MJ Marine Exhaust Systems is one of the industry leaders in custom marine parts in the Pacific Northwest with over 25 years of experience. We make it our mission to meet our customer's needs for every order, every time.

COMPETITIVE PRICING

Our customers' trust and loyalty fuels our mission to become your #1 choice for custom marine parts by offering you competitive prices for top-shelf custom products. We work to find you ways to save, while maintaining a high quality product.

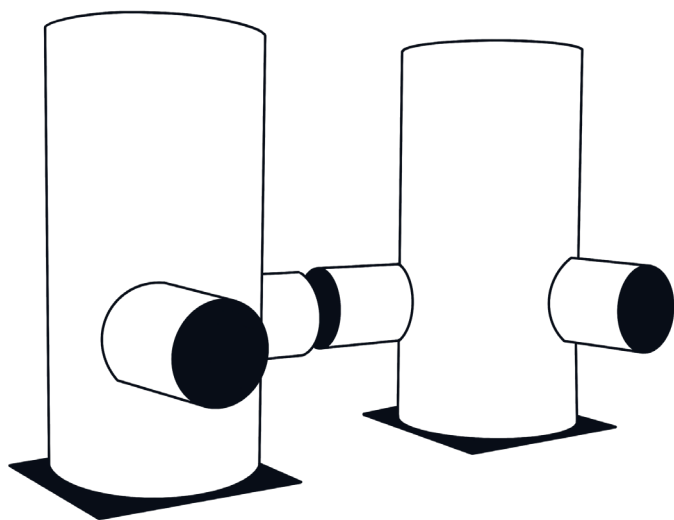
CUSTOM ORDERS

MJ Marine specializes in custom orders. We remain committed to meeting and exceeding our customer's needs. We have manufactured custom mufflers in addition to cell tower concealment, fiberglass tanks for fish farming or use in hatcheries.

To request a custom order, visit our website at www.mjmarineexhaust.com to fill out a **Custom Order Form**. You will be asked for the exact part measurements, the projected use of the part, and any other project requirements/specifications. An MJ Marine representative will be in touch shortly after to discuss price estimates and an estimated completion timeline.

For questions or inquiries, please email us at info@mjmarineexhaust.com or phone us at (360) 734-2285, open Monday - Friday from 9:00am - 5:00pm PST.

If it can be envisioned, it can likely be created.



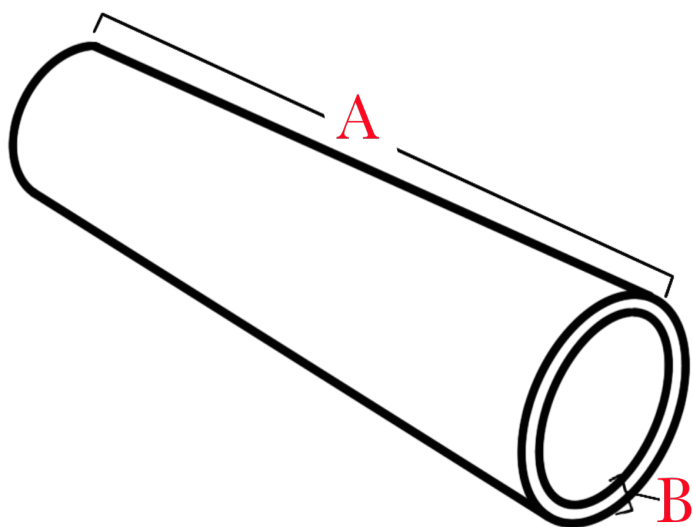
Dual Custom Lift Muffler



Dual Custom Lift Muffler

TUBING

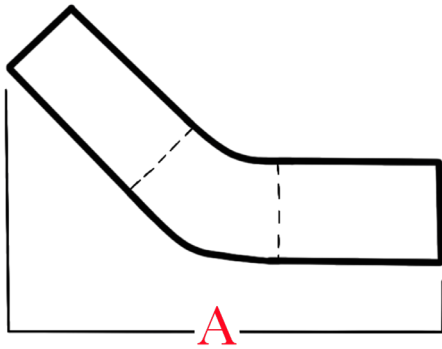
MJ Marine Part No.	Nominal O.D.	Standard Lengths	Weight (lb.) per foot	Nominal Wall Thickness
#90-025	2 1/2	10'	0.9	.140
#90-030	3	10'	1.0	.140
#90-035	3 1/2	10'	1.2	.140
#90-040	4	10'	1.3	.140
#90-045	4 1/2	10'	1.5	.140
#90-050	5	10'	1.7	.140
#90-060	6	10'	2.0	.140
#90-080	8	10'	3.7	.171
#90-000	10	10'	4.6	.171



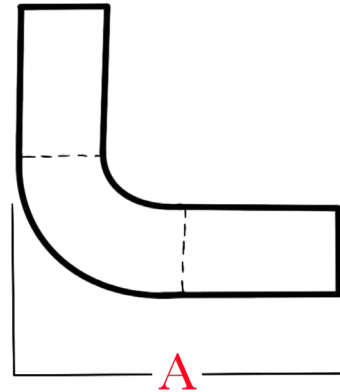
NOTES

We welcome inquiries into these and other tubing product lines. All MJ Marine tubing can be made with fire, corrosion, and/or sun retardancy.

ELBOW 45° SMOOTH TURN



ELBOW 90° SMOOTH TURN

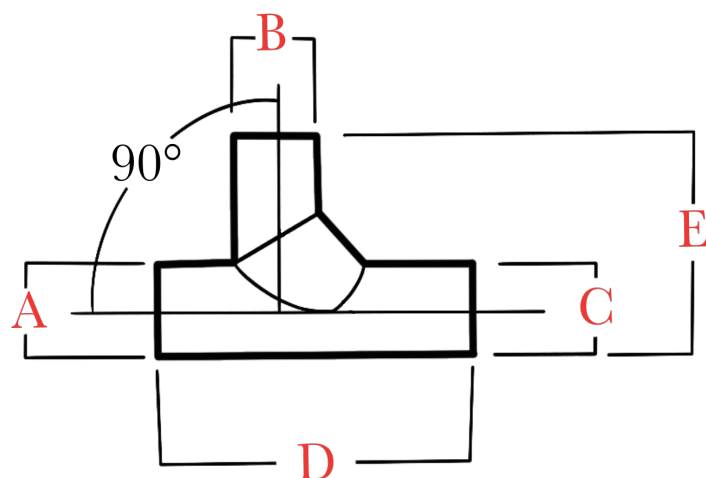


MJ Marine Part No.	Nominal O.D.	A	Weight (lb.)
#90-415	1 1/2	6 1/2	1
#90-416	1 5/8	6 1/2	1
#90-418	1 7/8	6 1/2	1
#90-420	2	7 1/2	1 1/4
#90-425	2 1/2	7 1/2	1 1/2
#90-430	3	8 1/2	2
#90-435	3 1/2	10 1/2	2 1/4
#90-440	4	10 1/2	2 1/2
#90-445	4 1/2	12	2 3/4
#90-450	5	13 1/2	3
#90-460	6	15 1/2	4 1/2
#90-480	8	27	6 1/2
#90-499	10	31	8

MJ Marine Part No.	Nominal O.D.	A	Weight (lb.)
#90-915	1 1/2	5 1/2	1
#90-916	1 5/8	5 1/2	1
#90-918	1 7/8	5 1/2	1
#90-920	2	6	1 1/4
#90-925	2 1/2	6 1/2	1 1/2
#90-930	3	7 1/2	2
#90-935	3 1/2	9	2 1/2
#90-940	4	9 1/2	3
#90-945	4 1/2	11	3 1/4
#90-950	5	12	3 1/2
#90-960	6	14	5 1/4
#90-980	8	23	7 1/2
#90-999	10	28	10

UNICRAFT 90° Y₂

MJ Marine Part No.	A	B	C	D	E
#90-001	1 1/2	1 1/2	2	6	4
#90-002	1 1/2	1 1/2	2 1/2	6	5
#90-003	1 1/2	1 1/2	3	7	5
#90-011	1 5/8	1 5/8	2 1/2	6	5
#90-012	1 5/8	1 5/8	3	7	5
#90-013	1 5/8	1 5/8	3 1/2	8	5
#90-019	1 7/8	1 7/8	3	7	5
#90-020	1 7/8	1 7/8	3 1/2	8	5
#90-021	1 7/8	1 7/8	4	9	6
#90-028	2	2	2	7	5
#90-029	2	2	3	8	5
#90-031	2	2	4	9	6
#90-038	2 1/2	2 1/2	2 1/2	7 1/2	5
#90-039	2 1/2	2 1/2	3	8 1/2	5
#90-041	2 1/2	2 1/2	4	9 1/2	6
#90-042	2 1/2	2 1/2	5	10	6
#90-051	3	3	3	10	6
#90-052	3	3	3 1/2	10 1/2	7
#90-053	3	3	4	11	7
#90-054	3	3	6	13	11
#90-063	3 1/2	3 1/2	4	12	7
#90-064	2 1/2	3 1/2	5	12	8
#90-065	3 1/2	3 1/2	6	14	11
#90-071	4	4	4	13	9
#90-072	4	4	5	14	9
#90-073	4	4	6	14	11
#90-074	4	4	8	15	13
#90-082	4 1/2	4 1/2	4 1/2	13	9
#90-083	4 1/2	4 1/2	6	14	10
#90-084	4 1/2	4 1/2	6	15	11
#90-085	4 1/2	4 1/2	8	16	13
#90-092	5	5	5	14	10
#90-093	5	5	6	18	12
#90-094	5	5	8	20	13
#90-099	6	6	6	22	14
#90-100	6	6	8	25	15



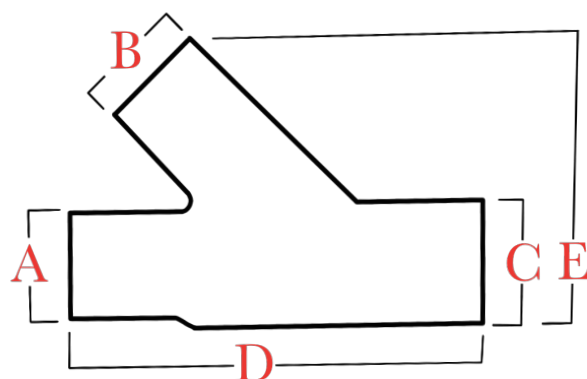
OTHER SERVICES AVAILABLE

- Bowthruster tubes
- Sonar tubes
- Shaft logs with cutlass bearing ends
- Fire retardant conduit
- Waste disposal plumbing
- Ventilation ducts
- Cell tower concealment
- Insulation of fish holes (local service only)
- Fiberglass fish tanks

NOTES

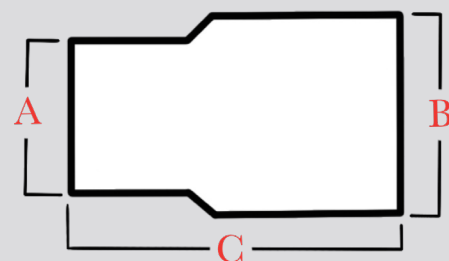
UNICRAFT 45° Y₂

MJ Marine Part No.	A	B	C	D	E
#90-001	1 1/2	1 1/2	2	6	4
#90-002	1 1/2	1 1/2	2 1/2	6	5
#90-003	1 1/2	1 1/2	3	7	5
#90-011	1 5/8	1 5/8	2 1/2	6	5
#90-012	1 5/8	1 5/8	3	7	5
#90-013	1 5/8	1 5/8	3 1/2	8	5
#90-019	1 7/8	1 7/8	3	7	5
#90-020	1 7/8	1 7/8	3 1/2	8	5
#90-021	1 7/8	1 7/8	4	9	6
#90-028	2	2	2	7	5
#90-029	2	2	3	8	5
#90-031	2	2	4	9	6
#90-038	2 1/2	2 1/2	2 1/2	7 1/2	5
#90-039	2 1/2	2 1/2	3	8 1/2	5
#90-041	2 1/2	2 1/2	4	9 1/2	6
#90-042	2 1/2	2 1/2	5	10	6
#90-051	3	3	3	10	6
#90-052	3	3	3 1/2	10 1/2	7
#90-053	3	3	4	11	7
#90-054	3	3	6	13	11
#90-063	3 1/2	3 1/2	4	12	7
#90-064	2 1/2	3 1/2	5	12	8
#90-065	3 1/2	3 1/2	6	14	11
#90-071	4	4	4	13	9
#90-072	4	4	5	14	9
#90-073	4	4	6	14	11
#90-074	4	4	8	15	13
#90-082	4 1/2	4 1/2	4 1/2	13	9
#90-083	4 1/2	4 1/2	6	14	10
#90-084	4 1/2	4 1/2	6	15	11
#90-085	4 1/2	4 1/2	8	16	13
#90-092	5	5	5	14	10
#90-093	5	5	6	18	12
#90-094	5	5	8	20	13
#90-099	6	6	6	22	14
#90-100	6	6	8	25	15



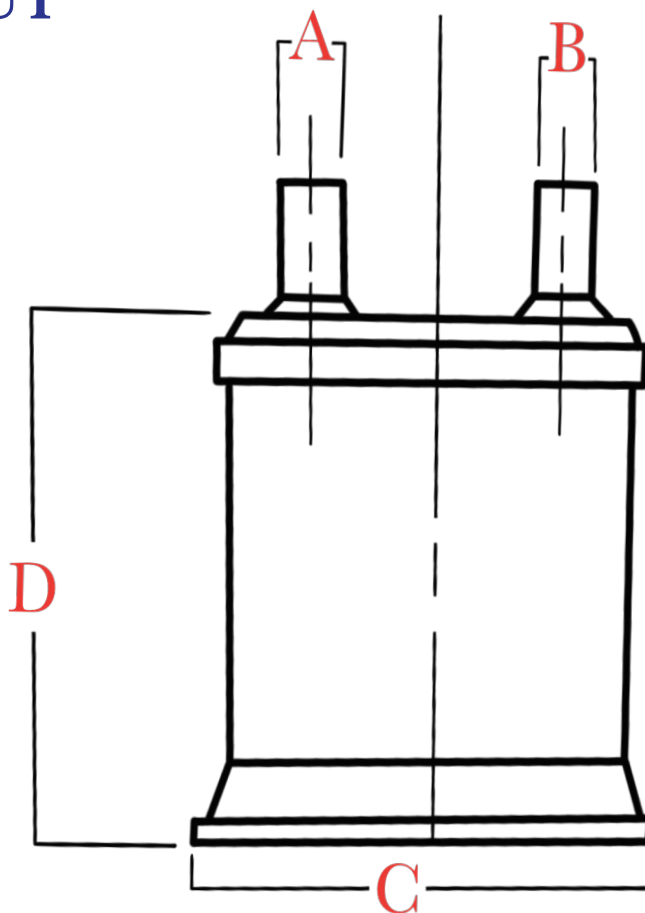
UNICRAFT COUPLERS

MJ Marine Part No.	A	B	C
#90-007	1 1/2	2	4 1/2
#90-008	1 1/2	2 1/2	5
#90-017	1 5/8	2	5
#90-018	1 5/8	2 1/2	5
#90-026	1 7/8	2 1/2	5
#90-027	1 7/8	3	6
#90-036	2	3	6
#90-037	2	4	7
#90-048	2 1/2	3	6 1/2
#90-049	2 1/2	4	7 1/2
#90-061	3	4	8
#90-062	3	5	9
#90-069	3 1/2	4	8 1/2
#90-070	3 1/2	5	9 1/2
#90-079	4	5	10
#90-081	4	6	11
#90-090	4 1/2	5	10 1/2
#90-091	4 1/2	6	11 1/2
#90-098	5	6	12
#90-103	6	8	14
#90-104	8	10	16



UNILIFT TOP IN / TOP OUT

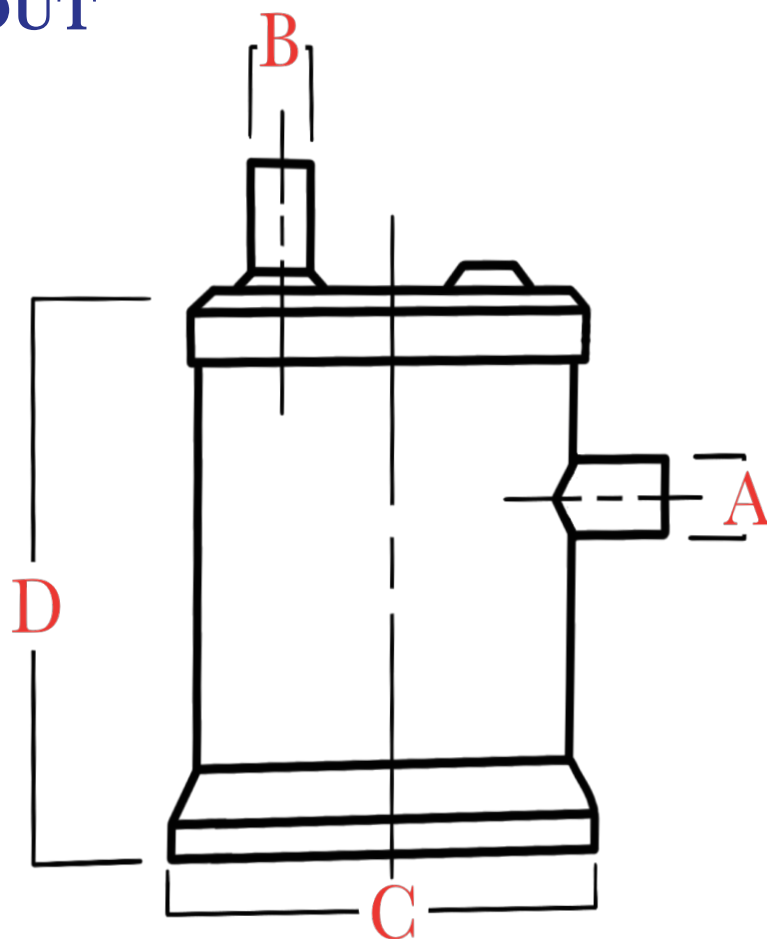
MJ Marine Part No.	A	B	C	D
#91-115	1 1/2	1 1/2	8	7
#91-125	1 1/2	1 1/2	8	9
#91-135	1 1/2	1 1/2	10	10
#91-124	1 1/2	2	8	9
#91-134	1 1/2	2	10	10
#91-116	1 5/8	1 5/8	8	7
#91-126	1 5/8	1 5/8	8	9
#91-136	1 5/8	1 5/8	10	10
#91-127	1 5/8	2	8	9
#91-137	1 5/8	2	10	10
#91-118	1 7/8	1 7/8	8	7
#91-128	1 7/8	1 7/8	8	9
#91-138	1 7/8	1 7/8	10	10
#91-129	1 7/8	2	8	9
#91-139	1 7/8	2	10	10
#91-112	2	2	8	7
#91-122	2	2	8	9
#91-132	2	2	10	10
#91-133	2	2 1/2	10	10
#91-171	2 1/2	2 1/2	10	10
#91-172	2 1/2	3	10	10
#91-131	3	3	10	10
#91-143	3	3	12	12
#91-144	3	4	12	12
#91-145	3 1/2	3 1/2	12	12
#91-142	3 1/2	4	12	12
#91-141	4	4	12	12
#91-154	4	4	12	19
#91-151	4	5	12	19
#91-152	4 1/2	4 1/2	12	19
#91-161	4 1/2	4 1/2	16	15
#91-162	4 1/2	5	16	15
#91-153	5	5	12	19
#91-163	5	5	16	15
#91-164	6	6	16	15



NOTES

UNILIFT SIDE IN / TOP OUT

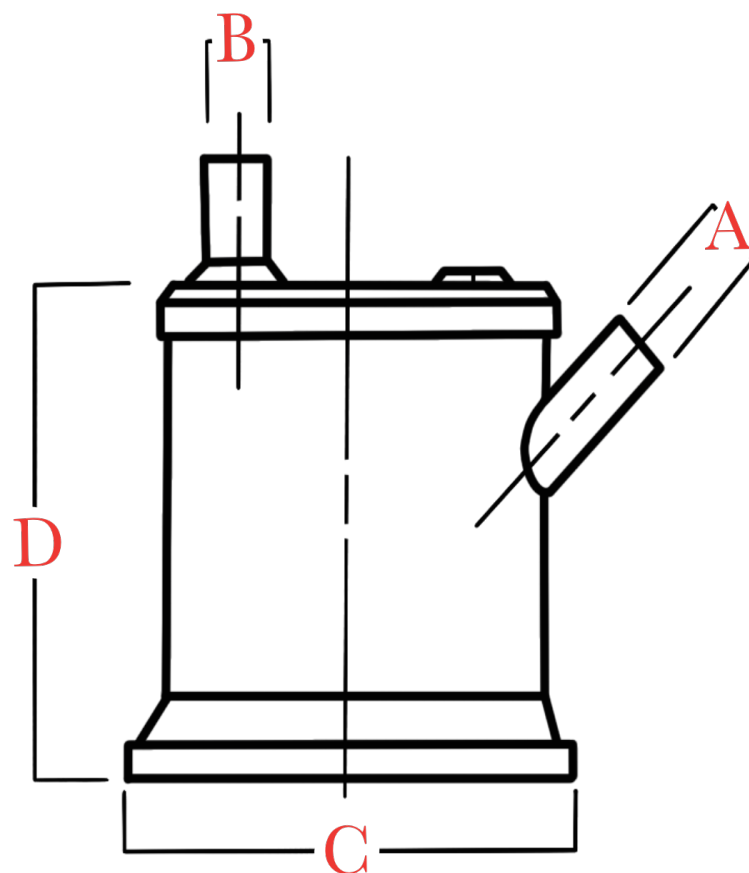
MJ Marine Part No.	A	B	C	D
#91-215	1 1/2	1 1/2	8	7
#91-225	1 1/2	1 1/2	8	9
#91-235	1 1/2	1 1/2	10	10
#91-224	1 1/2	2	8	9
#91-234	1 1/2	2	10	10
#91-216	1 5/8	1 5/8	8	7
#91-226	1 5/8	1 5/8	8	9
#91-236	1 5/8	1 5/8	10	10
#91-227	1 5/8	2	8	9
#91-237	1 5/8	2	10	10
#91-218	1 7/8	1 7/8	8	7
#91-228	1 7/8	1 7/8	8	9
#91-238	1 7/8	1 7/8	10	10
#91-229	1 7/8	2	8	9
#91-239	1 7/8	2	10	10
#91-212	2	2	8	7
#91-222	2	2	8	9
#91-232	2	2	10	10
#91-233	2	2 1/2	10	10
#91-271	2 1/2	2 1/2	10	10
#91-272	2 1/2	3	10	10
#91-231	3	3	10	10
#91-243	3	3	12	12
#91-244	3	4	12	12
#91-245	3 1/2	3 1/2	12	12
#91-242	3 1/2	4	12	12
#91-241	4	4	12	12
#91-254	4	4	12	19
#91-251	4	5	12	19
#91-252	4	4 1/2	12	19
#91-261	4 1/2	4 1/2	16	15
#91-262	4 1/2	5	16	15
#91-253	5	5	12	19
#91-263	5	5	16	15
#91-264	6	6	16	15



NOTES

UNILIFT SIDE ANGLE IN / TOP OUT

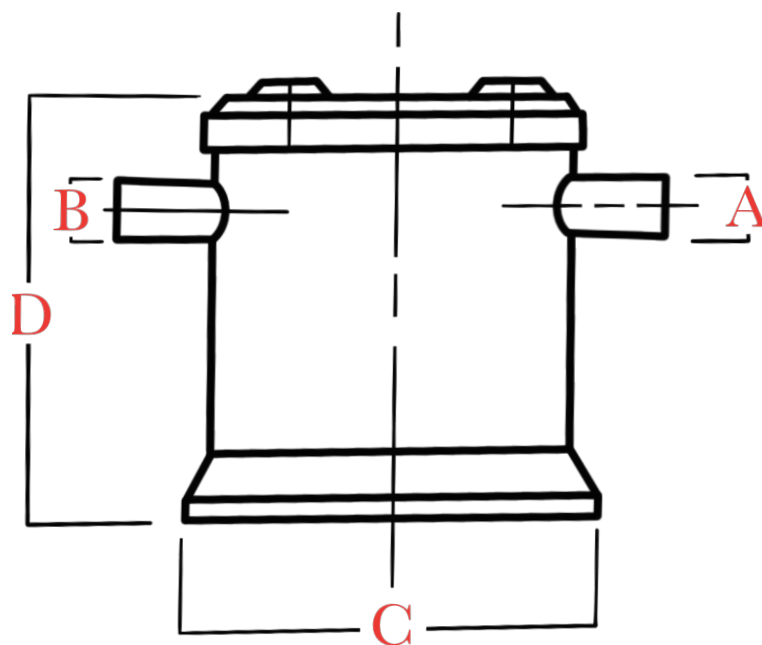
MJ Marine Part No.	A	B	C	D
#91-315	1 1/2	1 1/2	8	7
#91-325	1 1/2	1 1/2	8	9
#91-335	1 1/2	1 1/2	10	10
#91-324	1 1/2	2	8	9
#91-334	1 1/2	2	10	10
#91-316	1 5/8	1 5/8	8	7
#91-326	1 5/8	1 5/8	8	9
#91-336	1 5/8	1 5/8	10	10
#91-327	1 5/8	2	8	9
#91-337	1 5/8	2	10	10
#91-318	1 7/8	1 7/8	8	7
#91-328	1 7/8	1 7/8	8	9
#91-338	1 7/8	1 7/8	10	10
#91-329	1 7/8	2	8	9
#91-339	1 7/8	2	10	10
#91-312	2	2	8	7
#91-322	2	2	8	9
#91-332	2	2	10	10
#91-333	2	2 1/2	10	10
#91-371	2 1/2	2 1/2	10	10
#91-372	2 1/2	3	10	10
#91-331	3	3	10	10
#91-343	3	3	12	12
#91-344	3	4	12	12
#91-345	3 1/2	3 1/2	12	12
#91-342	3 1/2	4	12	12
#91-341	4	4	12	12
#91-354	4	4	12	19
#91-351	4	5	12	19
#91-352	4	4 1/2	12	19
#91-361	4 1/2	4 1/2	16	15
#91-362	4 1/2	5	16	15
#91-353	5	5	12	19
#91-363	5	5	16	15
#91-364	6	6	16	15



NOTES

UNILIFT SIDE IN / SIDE OUT

MJ Marine Part No.	A	B	C	D
#91-415	1 1/2	1 1/2	8	7
#91-425	1 1/2	1 1/2	8	9
#91-435	1 1/2	1 1/2	10	10
#91-424	1 1/2	2	8	9
#91-434	1 1/2	2	10	10
#91-416	1 5/8	1 5/8	8	7
#91-426	1 5/8	1 5/8	8	9
#91-436	1 5/8	1 5/8	10	10
#91-427	1 5/8	2	8	9
#91-437	1 5/8	2	10	10
#91-418	1 7/8	1 7/8	8	7
#91-428	1 7/8	1 7/8	8	9
#91-438	1 7/8	1 7/8	10	10
#91-429	1 7/8	2	8	9
#91-439	1 7/8	2	10	10
#91-412	2	2	8	7
#91-422	2	2	8	9
#91-432	2	2	10	10
#91-433	2	2 1/2	10	10
#91-471	2 1/2	2 1/2	10	10
#91-472	2 1/2	3	10	10
#91-431	3	3	10	10
#91-443	3	3	12	12
#91-444	3	4	12	12
#91-445	3 1/2	3 1/2	12	12
#91-442	3 1/2	4	12	12
#91-441	4	4	12	12
#91-454	4	4	12	19
#91-451	4	5	12	19
#91-452	4	4 1/2	12	19
#91-461	4 1/2	4 1/2	16	15
#91-462	4 1/2	5	16	15
#91-453	5	5	12	19
#91-463	5	5	16	15
#91-464	6	6	16	15



NOTES

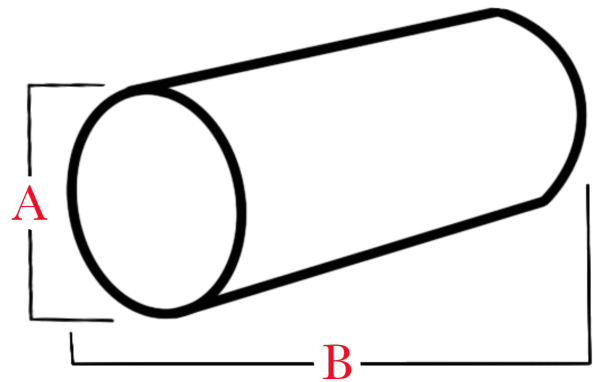
Wet Exhaust Systems - Coupling

H922VE FRP FULL COUPLING

MJ Marine Part No.	A	B
#90-915	1/2"	4 1/2"
#90-916	3/8"	6"
#90-918	1/2"	6"
#90-920	3/4"	6"
#90-925	1"	6"
#90-930	1 1/4"	6"
#90-935	1 1/2"	6"
#90-940	1/2"	8"
#90-945	3/4"	8"
#90-950	1"	8"
#90-960	1 1/4"	8"
#90-980	1 1/2"	8"
#90-999	2"	8"
#90-445	3"	8"
#90-980	4"	8"
#90-999	6"	8"
#90-445	8"	8"

H922VE FRP HALF COUPLING

MJ Marine Part No.	A	B
#90-915	3/4"	4"
#90-916	1"	4"
#90-918	1 1/2"	4"
#90-920	2"	4"
#90-925	3"	4"
#90-930	4"	4"
#90-935	6"	4"



NOTES

H922VE BPO DMA FRP FULL COUPLING

MJ Marine Part No.	A	B
#90-915	1 1/2"	4 1/2"
#90-916	3/4"	6"
#90-918	1"	6"
#90-920	1 1/4"	6"
#90-925	1 1/2"	6"
#90-930	1"	8"
#90-935	2"	8"
#90-925	3"	8"
#90-930	4"	8"
#90-935	6"	8"

THREADED COUPLING FEATURES

- Hetron 922 Resin
- 110- Mil Nexus / C Veil / 2 Mat liner
- Engineered Laminate Construction Sequence
- Filament wound with axial uni-directional and E-glass mat
- Reinforced with hand-wrapped glass fibers over corrosion liner. No pigments or fillers
- Half Couplings (threaded on one end) are available in all diameters

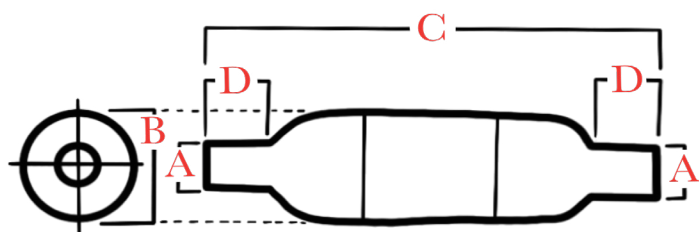
D470 VE FRP FULL COUPLING

MJ Marine Part No.	A	B
#90-915	3/8"	6"
#90-916	1/2"	6"
#90-918	3/4"	6"
#90-920	1"	6"
#90-925	1 1/4"	6"
#90-930	1 1/4"	8"
#90-935	1 1/2"	8"
#90-940	1"	8"
#90-945	2"	8"
#90-950	3"	8"
#90-960	4"	8"
#90-980	6"	8"
#90-999	8"	8"

NOTES

UNIFLOW MUFFLERS

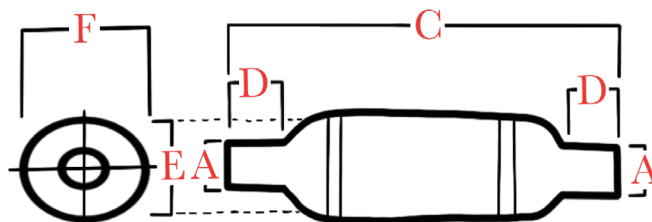
STYLE 1



MJ Marine Part No.	A	B	C	D
#91-511	1 1/2	6	20	2 1/2
#91-512	1 5/8	6	20	2 1/2
#91-513	1 7/8	6	20	2 1/2
#91-514	2	6	20	2 1/2
#91-515	2 1/2	6	22	3
#91-521	3	8	20	3
#91-522	3	8	25	3
#91-523	3 1/2	8	30	3 1/2
#91-531	4	10	26	4
#91-532	4	10	34	4
#91-533	4 1/2	10	38	4
#91-534	5	10	38	4 1/2
#91-541	5	12	41	4 1/2
#91-542	6	12	32	5
#91-543	6	12	41	5
#91-551	6	16	40	5
#91-552	6	16	54	5
#91-553	8	16	40	6
#91-554	8	16	54	6
#91-555	10	16	54	8
#91-561	10	18	65	8

UNIFLOW MUFFLERS

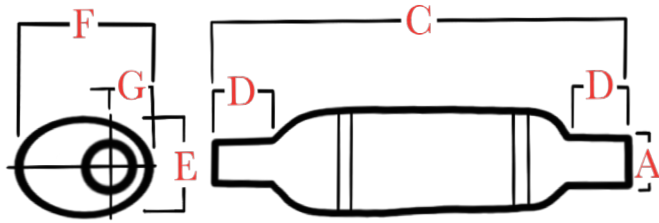
STYLE 2



MJ Marine Part No.	A	C	D	E	F
#91-611	1 1/2	20	2 1/2	5	10
#91-612	1 5/8	20	2 1/2	5	10
#91-613	1 7/8	20	2 1/2	5	10
#91-614	2	20	2 1/2	5	10
#91-615	2 1/2	25	3	5	10
#91-621	3	29	3	7	14
#91-622	3	35	3	7	14
#91-623	3 1/2	35	3 1/2	7	14
#91-631	4	39	4	7	14
#91-632	4	35	4	7	14
#91-633	4 1/2	35	4	7	14
#91-634	5	32	4 1/2	9	15
#91-641	5	43	4 1/2	9	15
#91-642	6	32	5	9	15
#91-643	6	43	5	9	15
#91-651	6	40	5	11	18
#91-652	6	55	5	11	18
#91-653	8	40	6	11	18
#91-654	8	55	6	11	18
#91-655	10	40	8	11	18
#91-661	10	66	8	14	24

UNIFLOW MUFFLERS

STYLE 3

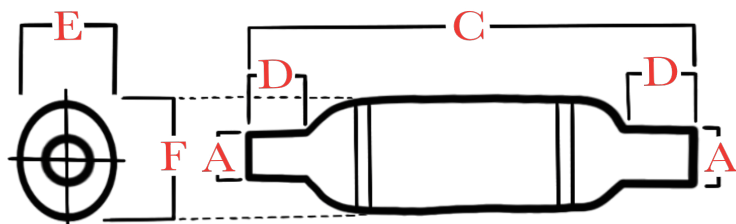


MJ Marine Part No.	A	C	D	E	F	G
#91-711	1 1/2	20	2 1/2	5	10	3 1/3
#91-712	1 5/8	20	2 1/2	5	10	3 1/3
#91-713	1 7/8	20	2 1/2	5	10	3 1/3
#91-714	2	20	2 1/2	5	10	3 1/3
#91-715	2 1/2	25	3	5	10	3 1/2
#91-721	3	29	3	7	14	4 5/8
#91-722	3	35	3	7	14	4 5/8
#91-723	3 1/2	35	3 1/2	7	14	4 5/8
#91-731	4	39	4	7	14	4 5/8
#91-732	4	35	4	7	14	4 5/8
#91-733	4 1/2	35	4	7	14	4 5/8
#91-734	5	32	4 1/2	9	15	5
#91-741	5	43	4 1/2	9	15	5
#91-742	6	32	5	9	15	5
#91-743	6	43	5	9	15	5
#91-751	6	40	5	11	18	6
#91-752	6	55	5	11	18	6
#91-753	8	40	6	11	18	6
#91-754	8	55	6	11	18	6
#91-755	10	40	8	11	18	6
#91-761	10	66	8	14	24	8

NOTES

UNIFLOW MUFFLERS

STYLE 4

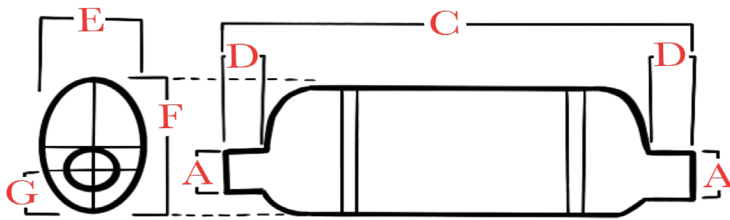


MJ Marine Part No.	A	C	D	E	F
#91-811	1 1/2	20	2 1/2	5	10
#91-812	1 5/8	20	2 1/2	5	10
#91-813	1 7/8	20	2 1/2	5	10
#91-814	2	20	2 1/2	5	10
#91-815	2 1/2	25	3	5	10
#91-821	3	29	3	7	14
#91-822	3	35	3	7	14
#91-823	3 1/2	35	3 1/2	7	14
#91-831	4	39	4	7	14
#91-832	4	35	4	7	14
#91-833	4 1/2	35	4	7	14
#91-834	5	32	4 1/2	9	15
#91-841	5	43	4 1/2	9	15
#91-842	6	32	5	9	15
#91-843	6	43	5	9	15
#91-851	6	40	5	11	18
#91-852	6	55	5	11	18
#91-853	8	40	6	11	18
#91-854	8	55	6	11	18
#91-855	10	40	8	11	18
#91-861	10	66	8	14	24

NOTES

UNIFLOW MUFFLERS

STYLE 5

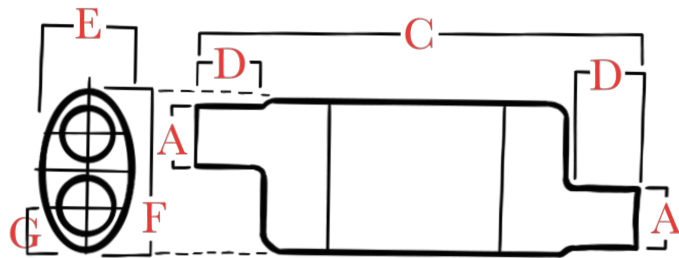


MJ Marine Part No.	A	C	D	E	F	G
#91-911	1 1/2	20	2 1/2	5	10	3 1/3
#91-912	1 5/8	20	2 1/2	5	10	3 1/3
#91-913	1 7/8	20	2 1/2	5	10	3 1/3
#91-914	2	20	2 1/2	5	10	3 1/3
#91-915	2 1/2	25	3	5	10	3 1/2
#91-921	3	29	3	7	14	4 5/8
#91-922	3	35	3	7	14	4 5/8
#91-923	3 1/2	35	3 1/2	7	14	4 5/8
#91-931	4	39	4	7	14	4 5/8
#91-932	4	35	4	7	14	4 5/8
#91-933	4 1/2	35	4	7	14	4 5/8
#91-934	5	32	4 1/2	9	15	5
#91-941	5	43	4 1/2	9	15	5
#91-942	6	32	5	9	15	5
#91-943	6	43	5	9	15	5
#91-951	6	40	5	11	18	6
#91-952	6	55	5	11	18	6
#91-953	8	40	6	11	18	6
#91-954	8	55	6	11	18	6
#91-955	10	40	8	11	18	6
#91-961	10	66	8	14	24	8

NOTES

UNIFLOW MUFFLERS

STYLE 6

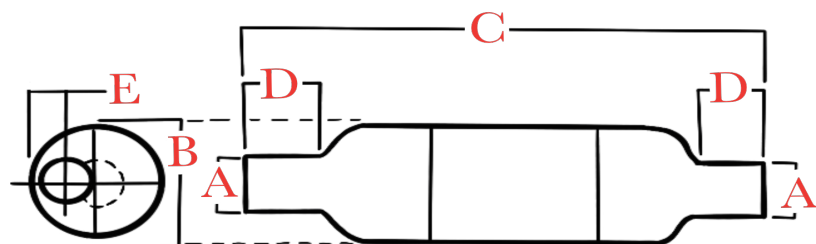


MJ Marine Part No.	A	C	D	E	F	G
#91-911	1 1/2	20	2 1/2	5	10	3 1/3
#91-912	1 5/8	20	2 1/2	5	10	3 1/3
#91-913	1 7/8	20	2 1/2	5	10	3 1/3
#91-914	2	20	2 1/2	5	10	3 1/3
#91-915	2 1/2	25	3	5	10	3 1/2
#91-921	3	29	3	7	14	4 5/8
#91-922	3	35	3	7	14	4 5/8
#91-923	3 1/2	35	3 1/2	7	14	4 5/8
#91-931	4	39	4	7	14	4 5/8
#91-932	4	35	4	7	14	4 5/8
#91-933	4 1/2	35	4	7	14	4 5/8
#91-934	5	32	4 1/2	9	15	5
#91-941	5	43	4 1/2	9	15	5
#91-942	6	32	5	9	15	5
#91-943	6	43	5	9	15	5
#91-951	6	40	5	11	18	6
#91-952	6	55	5	11	18	6
#91-953	8	40	6	11	18	6
#91-954	8	55	6	11	18	6
#91-955	10	40	8	11	18	6
#91-961	10	66	8	14	24	8

NOTES

UNIFLOW MUFFLERS

STYLE 7

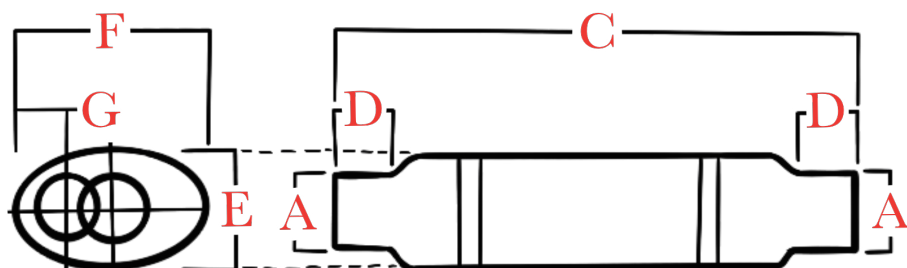


MJ Marine Part No.	A	B	C	D	E
#91-516	1 1/2	6	20	2 1/2	2
#91-517	1 5/8	6	20	2 1/2	2
#91-518	1 7/8	6	20	2 1/2	2
#91-519	2	6	20	2 1/2	2
#91-510	2 1/2	6	22	3	2
#91-524	3	8	20	3	2 5/8
#91-525	3	8	25	3	2 5/8
#91-526	3 1/2	8	30	3 1/2	2 5/8
#91-535	4	10	26	4	3 1/3
#91-536	4	10	34	4	3 1/3
#91-537	4 1/2	10	38	4	3 1/3
#91-538	5	10	38	4 1/2	3 1/3
#91-544	5	12	41	4 1/2	4
#91-545	6	12	32	5	4
#91-546	6	12	41	5	4
#91-556	6	16	40	5	5 1/3
#91-557	6	16	54	5	5 1/3
#91-558	8	16	40	6	5 1/3
#91-559	8	16	54	6	5 1/3
#91-550	10	16	54	8	5 1/3
#91-562	10	18	65	8	6

NOTES

UNIFLOW MUFFLERS

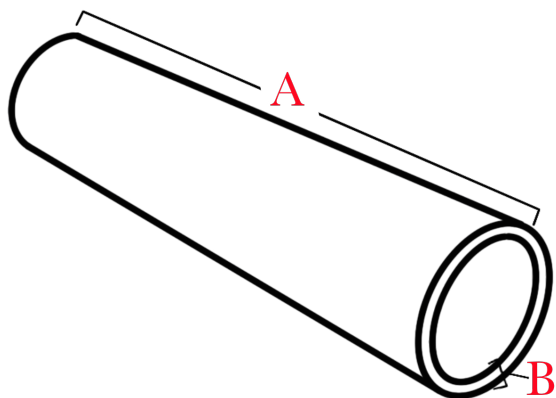
STYLE 8



MJ Marine Part No.	A	C	D	E	F	G
#91-911	1 1/2	20	2 1/2	5	10	3 1/3
#91-912	1 5/8	20	2 1/2	5	10	3 1/3
#91-913	1 7/8	20	2 1/2	5	10	3 1/3
#91-914	2	20	2 1/2	5	10	3 1/3
#91-915	2 1/2	25	3	5	10	3 1/2
#91-921	3	29	3	7	14	4 5/8
#91-922	3	35	3	7	14	4 5/8
#91-923	3 1/2	35	3 1/2	7	14	4 5/8
#91-931	4	39	4	7	14	4 5/8
#91-932	4	35	4	7	14	4 5/8
#91-933	4 1/2	35	4	7	14	4 5/8
#91-934	5	32	4 1/2	9	15	5
#91-941	5	43	4 1/2	9	15	5
#91-942	6	32	5	9	15	5
#91-943	6	43	5	9	15	5
#91-951	6	40	5	11	18	6
#91-952	6	55	5	11	18	6
#91-953	8	40	6	11	18	6
#91-954	8	55	6	11	18	6
#91-955	10	40	8	11	18	6
#91-961	10	66	8	14	24	8

NOTES

BOWTHRUSTER TUBING



MJ Marine Part No.	Length (A)	Wall Thickness (B)
#90-915	6"	3/8" (.375)
#90-916	8"	3/8" (.375)
#90-918	8 1/2"	1/4" (.250)
#90-920	10"	3/8" (.375)
#90-925	10 1/2"	3/8" (.375)
#90-930	12"	1/4" (.250)
#90-935	12 3/4"	5/8" (.625)
#90-940	14"	3/8" (.375)
#90-945	16"	1/4" (.250)
#90-950	16"	7/16" (.4375)
#90-960	16 1/2"	3/4" (.750)
#90-980	18"	5/8" (.625)
#90-999	20 1/4"	7/8" (.875)

BATTERY BOXES SINGLE

	Dimensions
4 - D	9 x 21 x 11 1/2 H
8 - D	10 1/2 x 20 1/4 x 11H

BATTERY BOXES DOUBLE

	Dimensions
4 - D	17 1/2 x 21 x 11 1/2 H
8 - D	20 1/2 x 22 1/2 x 11 1/2 H
24/27-2	13 x 15 1/2 x 10H

OTHER SERVICES AVAILABLE

- Bowthruster tubes
- Sonar tubes
- Shaft logs with cutlass bearing ends
- Fire retardant conduit
- Waste disposal plumbing
- Ventilation ducts
- Cell tower concealment
- Insulation of fish holes (local service only)
- Fiberglass fish tanks

NOTES

[illegible]

