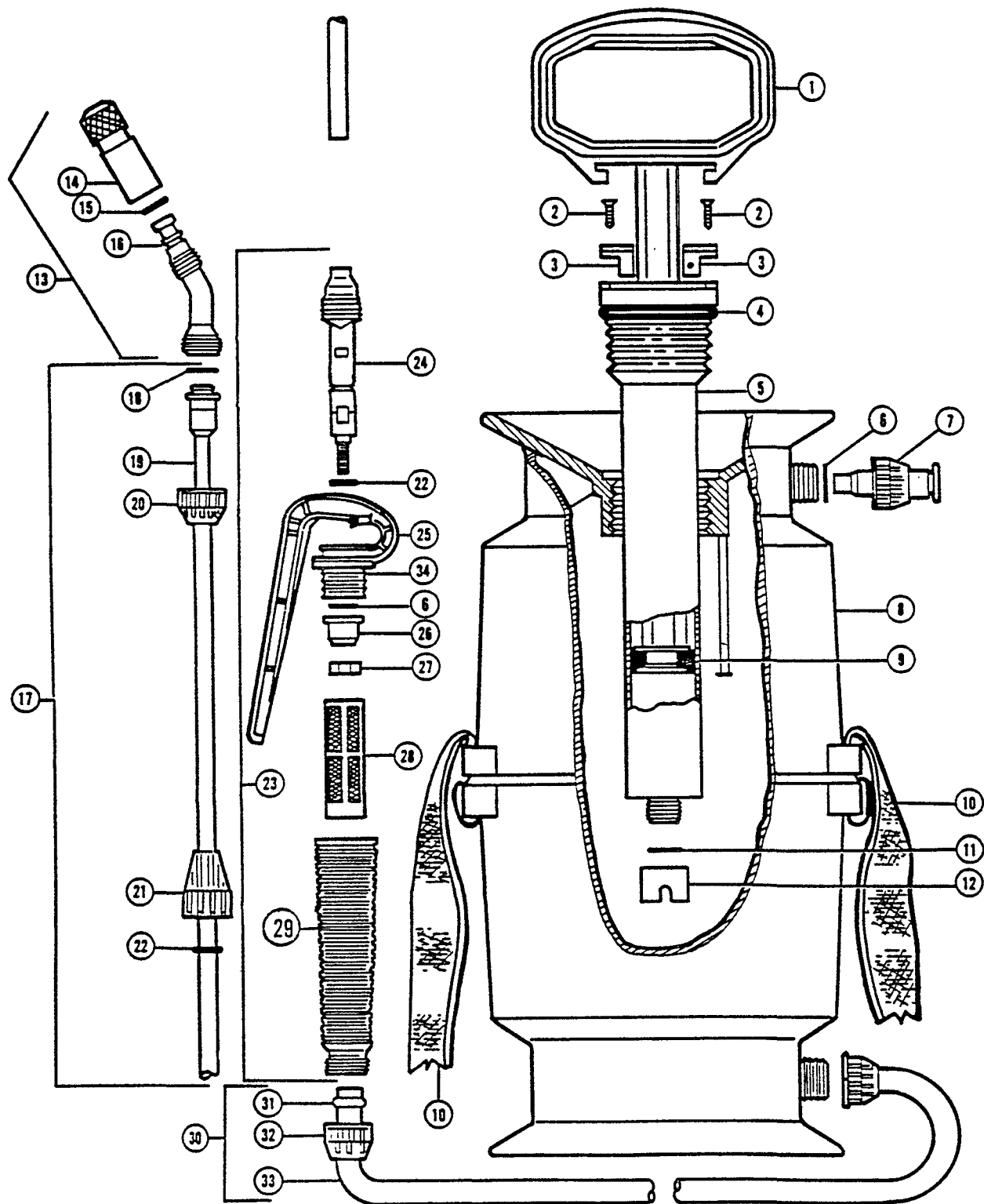




**SPRAYER
PARTS CATALOG
MODEL MS-9
MODEL MS-12
ALL UNITS**

**ECHO, INCORPORATED
400 OAKWOOD ROAD
LAKE ZURICH, IL 60047**

**999222 02221
01/92**



12. PARTS

1	1	HANDLE MS-9,12	283 812 308
2	2	FLATHEAD SCREW, 7 x 7/8"	225 127 901
3	2	CHAMBER COVER	283 805 309
4	1	O-RING AN-30	222 315 930
5	1	CHAMBER MS-9, 12	283 812 801
* 6	2	O-RING AN-8	222 315 908
6A	OPT	O-RING AN-8, VITON	222 316 908
7	1	PRESSURE RELEASE VALVE	283 805 806
8	1	TANK MS-9	283 808 301
8A	1	TANK MS-12	283 812 301
* 9	1	COLLAR SEAL	283 902 314
9A	OPT	COLLAR SEAL, VITON	283 911 314
10	1	STRAP	283 812 420
*11	1	CLOSING VALVE	283 808 305
*12	1	VALVE NUT	283 808 304
+ +	1	COMPLETE WAND	283 808 804
13	1	ELBOW W/NOZZLE	283 808 803
14	1	NOZZLE, 1 MM	283 902 323
*15	1	O-RING AN-5	222 315 905
15A	1	O-RING AN-5, VITON	222 316 905
16	1	SPRAYER	283 901 322
17	1	COMPLETE TUB W/NUTS	283 808 828
*18	1	FLAT WASHER	284 202 334
19	1	WAND TUBE	283 808 615
20	1	NUT	283 808 312
21	1	WAND NUT	283 805 304
*22	2	O-RING AN-6	222 315 906
22A	OPT	O-RING AN-6, VITON	222 316 906
23	1	COMPLETE HANDLE	283 808 827
24	1	WAND SHAFT	283 805 307
25	1	BODY W/HANDLE	283 805 306
26	1	GUIDE	283 906 332
27	1	NUT M-6	226 200 006
*28	1	WAND FILTER	283 808 327
29	1	GRIP	283 805 305
30	1	COMPLETE HOSE	283 805 805
31	1	HOSE CAP	283 808 308
32	1	NUT	283 812 312
33	1	HOSE 6 x 1.3M	211 009 209
34	1	O-RING 3587	222 315 914

*Included in Repair Kit, 283 805 892

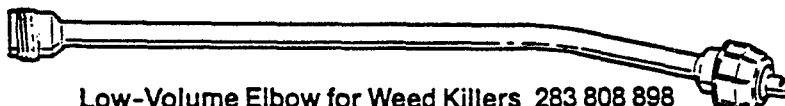
13. ACCESSORIES



Front Quadruple Nozzle 283 808 894



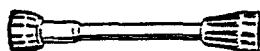
Double T-Shaped Nozzle 283 808 892



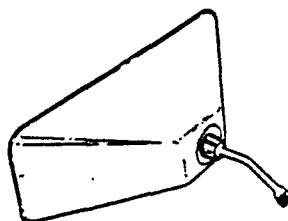
Low-Volume Elbow for Weed Killers 283 808 898



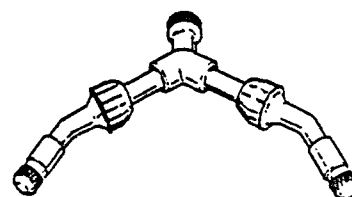
Elbow for Normal
Weed Killers
283 808 896



Extension for
Short Wand
283 808 891



Protective Hood 283 808 897



Double V-Shaped
Nozzle 283 808 895

14. SPECIFICATIONS

Tank capacity		MS-9	6 liter
		MS-12	8 liter
Working pressure	Herbicides	1 to 2 atm	
	Insecticides/Fungicides	1.5 to 3 atm	
Hose length		1.300 mm	
Wand length		670 mm	
Liters/minute at 2.5 atm with the standard nozzle		0.5/min. max.	
Width of filler hole diameter		120 mm	
Taper spray nozzle (outlet hole diameter)		1 mm	
Range-taper spray-horizontal		4 m	
Range-taper spray-vertical		3 m	
Range-jet spray-horizontal		7 m	
Range-jet spray-vertical		6 m	