OPERATING AND MAINTENANCE INSTRUCTIONS FOR ALLY FIRE TECH #710/711/712 SELECTABLE GALLONAGE NOZZLE

GENERAL INFORMATION

✧ Maximum nozzle operating pressure: 230PSI (16 Bar/1600kPa)
✧ Optimum flow is achieved at 100PSI (7bar/700kPa) at the nozzle
✧ At pressure below 100PSI (7bar), the nozzle will deliver reduced flow and reach
✧ Adequate flows and pressure should be maintained for relevant fire condition

⚠WARNING Always open and close the shut-off valve slowly. Sudden opening or closing of the shut-off valves can cause water hammer and subsequent damage to the hose or couplings

⚠WARNING Do not use the nozzle on electrical fires.
⚠WARNING Do not over-tighten the nozzle when connecting to fitting.
⚠WARNING Do not alter the nozzle in any manner.
⚠WARNING For use with water and firefighting foam only

OPERATING INSTRUCTION

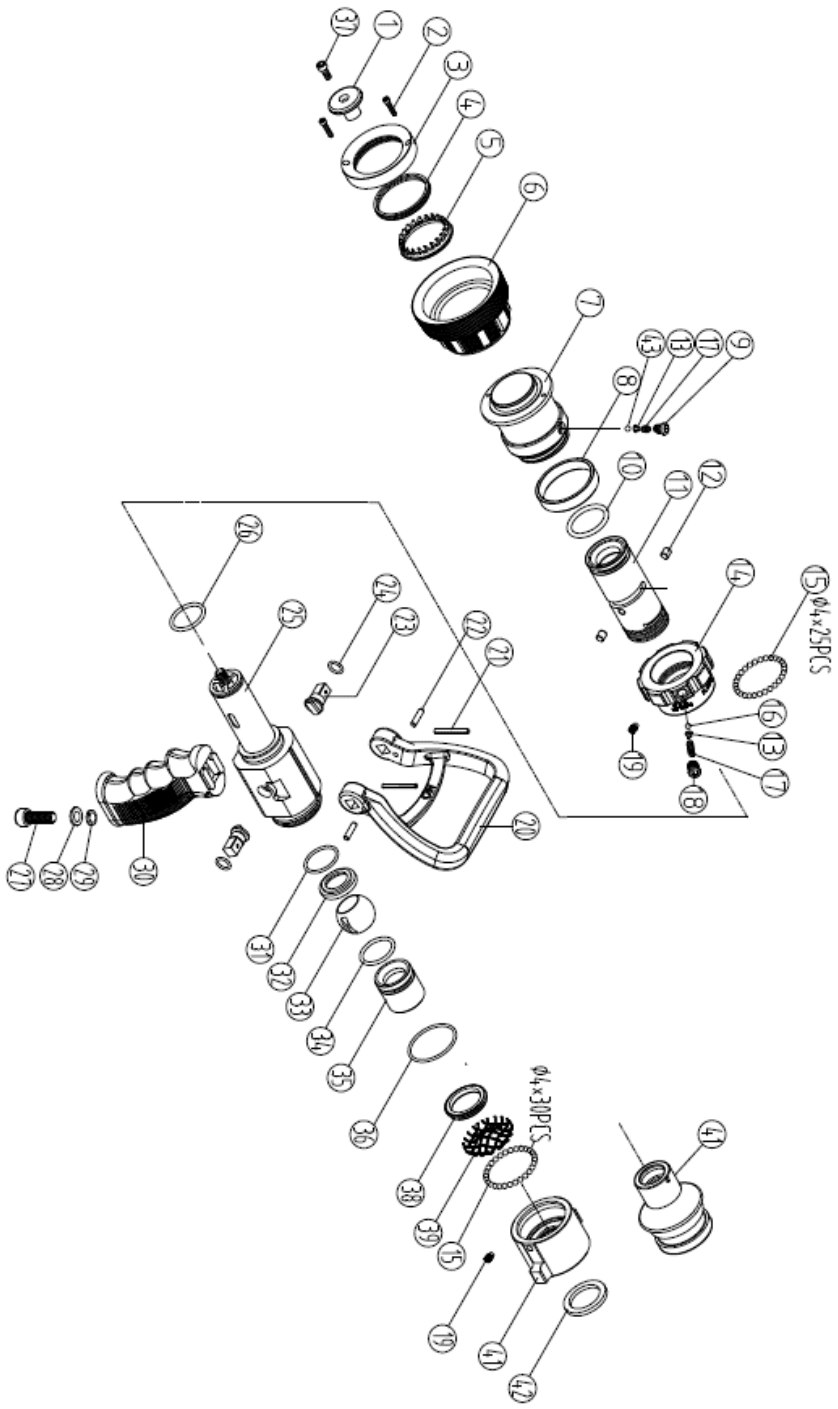
✧ Open and close the shutoff slowly at all times
✧ To open the nozzle, pull the "⑳" handle towards the inlet
✧ To close the nozzle, push the "⑳" handle towards the outlet
✧ To change the spray pattern; rotate the bumper clockwise (right) for a straight stream, or counterclockwise (left) for a wide homogeneous fog pattern
✧ To change the flow setting: slowly rotate the flow selection right to the required flow, and adjust the pump pressure do deliver 100 PSI (7bar) at the nozzle
✧ To flush the nozzle of any debris or blockages that have passed through the inlet screen, rotate the flow selection ring to the FLUSH settings and hold until blockage at the nozzle tip is removed.

MAINTENANCE

✧ Nozzles should be inspected before and after each use to ensure that all parts are in a satisfactory working condition.
✧ If any one of the following problems are encountered while in use, the nozzle should be withdrawn from service and repaired:

1. Controls that are inoperable or difficult to operate
2. Excessive wear
3. Water leakage form joints
4. Broken spinning teeth
5. Loose or missing screws

✧ Periodically flushing the nozzle with clean water, and removes any build-up of dirt from the exterior of the nozzle.
✧ If lubrication is required, a good quality silicon based grease should only be used very sparingly. Too much grease will attract a build-up of dirt and grit.
✧ Regularly check any external screws for tightness, tighten as required with the addition of a good quality thread locker (i.e. Loctite 262)



NO.	PARTS NO.	DESCRIPTION	Q'ty	NO.	PARTS NO.	DESCRIPTION	Q'ty
1	22004000	Baffle	1	31	14000300	O-Ring (S26)	1
2	18103000	Screw	2	32	14008000	Seat	1
3	22000000	Retaining Ring	1	33	11019000	Ball	1
4	14009000	Teeth Bearing	2	34	14000320	O-Ring (AS120)	1
5	13000000	Teeth Turbine	1	35	14013000	Seat	1
6	14002000	Bumper	1	36	14000310	O-Ring (S 38)	1
7	22001000	Pattern Sleeve	1	37	18101030	Screw	1
8	22003000	Pattern Band	1	38	22018000	Seat Plate	1
9	18004010	Screw	1	39	13002000	Screen	1
10	14000340	O-Ring (P29)	1	41	42012210	Swivel 1"NH	1
11	22006000	710 Nozzle Body	1		42012220	Swivel 1" BSP	1
	22006070	711 Nozzle Body	1		42012230	Swivel 1" NPSH	1
	22006080	712 Nozzle Body	1		42015000	2.5" BI coupling	1
12	11016000	Pin	2	42	14001010	Gasket	1
13	14017000	Cam	2	43	14012020	Plastic Ball	1
14	22009000	Gallonage Control Ring	1				
15	17000001	Ball Bearing	55				
16	14012010	Plastic Ball	1				
17	17003010	Compression Spring	2				
18	18004000	Screw	1				
19	18104080	Socket Set Screw	2				
20	14005000	Shoutoff Handle	1				
21	18405040	Roll Pin	2				
22	18401100	Pin	2				
23	22013000	Trunnion	2				
24	14000060	O-Ring (AS-012)	2				
25	32010000	Valve Body	1				
26	14000330	O-Ring (JASO-1022)	1				
27	18101020	Screw	1				
28	18500100	Washer	1				
29	18501000	Detent Washer	1				
30	14006000	Pistol Grip	1				