

Fire Hose Testers

The FH series is the most versatile, reliable, and sought-after Fire Hose Tester on the market today. Models in this series offer “gallon per minute” flow rates up to 26 (GPM); with “pounds per square inch” testing capabilities up to 1000 (PSI). These hose testers are designed to safely test any diameter fire hose in accordance with NFPA 1962 testing standards. Available in Gasoline, Electric and Pneumatic driven models. RICE units can be “Build to Suit” with various voltage, phase, hertz, and explosion-proof motor configurations offered. A large 2 & 1/2 inch swivel inlet aids in the ability to quickly fill and eliminate excess air from the test environment. The FH Series is a safe, less costly and more efficient way to test your fire hose, keeping your pumper ready for action, where it should be.



FH3 3 GPM 500 PSI

- Five Year Full Product Warranty
- Four independently controlled 1 & 1/2 inch Stainless Steel outlet ballvalves with male (NST) couplings
- 2 & 1/2 inch Swivel inlet enables speedy filling of lines, and expedites the elimination of excess air
- 1 HP Electric motor TEFC, 110V or 220V, 50/60HZ
- Stainless Steel liquid filled gauge, ensures accurate readings with less flutter
- Included: Casters - 4 inch, 2 Rigid & 2 Swivel



EL-FHT 3 GPM 500 PSI

- Five Year Full Product Warranty
- Two independently controlled 1 & 1/2 inch Stainless Steel outlet ballvalves with male (NST) couplings
- Dual inlets - 3/4 inch and 2 & 1/2 inch Swivel inlet enables speedy filling of lines and expedites the elimination of excess air
- 1 HP Electric motor TEFC, 110V or 220V, 50/60HZ
- Stainless Steel liquid filled gauge, ensures accurate readings with less flutter
- Optional: Casters - 4 inch, 2 Rigid & 2 Swivel



FH2-H 3.5 GPM 1000 PSI

- Five Year Full Product Warranty
- Four Independently controlled 1 & 1/2 inch Stainless Steel outlet ballvalves with male (NST) couplings
- 2 & 1/2 inch Swivel inlet enables speedy filling of lines and expedites the elimination of excess air
- 196 CC 6.5 HP, air cooled 4 cycle, with engine oil alert
- Stainless Steel liquid filled gauge, ensures accurate readings with less flutter
- Included: Casters - 4 inch, 2 Rigid & 2 Swivel



FH-12.5/500 12.5 GPM 500 PSI

- Five Year Full Product Warranty
- Four independently controlled 1 & 1/2 inch Stainless Steel outlet ballvalves with male (NST) couplings
- 2 & 1/2 inch Swivel inlet enables speedy filling of lines and expedites the elimination of excess air
- 270 CC 9 HP, air cooled 4 cycle, with engine oil alert
- Stainless Steel liquid filled gauge, ensures accurate readings with less flutter
- Included: Casters - 6 inch, 4 Swivel



FH5-E 5 GPM 800 PSI

FH4-E 4 GPM 1000 PSI

- Five Year Full Product Warranty
- Four independently controlled 1 & 1/2 inch Stainless Steel outlet ballvalves with male (NST) couplings
- 2 & 1/2 inch Swivel inlet enables speedy filling of lines and expedites the elimination of excess air
- 3 HP Electric motor TEFC, 220V, 60HZ
- Stainless Steel liquid filled gauge, ensures accurate readings with less flutter
- Included: Casters - 4 inch, 2 Rigid & 2 Swivel

FH Series Accessories



LINEAGE-1

- Meets NFPA 1962 requirements of securing and anchoring firehoses while being tested.
US Patent #7,905,455
- Locking hitch pins enclose and secure the hose into the Lineage
- Quick links for fast and easy anchoring of this device
- Safely limits the movement of the line in the event of rupture
- The Lineage is designed with multiple locking holes to accommodate various hose sizes
- Heavy gauge welded steel frame, powder coated to withstand the elements.



FHWA-1

- Ideal for Haz-Mat and contaminated equipment wash down
- Dual tips offer the option of either spraying water only or a soap and water solution
- 50 feet of high-pressure hose for long range mobility
- Adjustable injector for soap and other cleaning solvents
- Quick disconnects for easy on/off hose connection
- Only available for the EL-FHT and FH3 models



Adapters

- Machined Brass for durability
- Male NST adapters facilitate test pump to hose connections
- Included: 1 & 1/2 male (NST) on all FH-Series hose testers, one adapter per outlet
- Optional: 1 & 1/2 X 2 & 1/2 male (NST)
- Made in the USA



3500 Arrowhead Drive • Carson City • Nevada 89706

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RICE HYDRO, INC.
MANUFACTURER'S OPERATING INSTRUCTIONS - FIRE HOSE TESTER SERIES
FOR WARRANTY REGISTRATION CALL: 1-800-245-4777

Hose Testing guidelines and procedures follow: NFPA 1962

CAUTIONS:

1. Power source must meet voltage, phase, hertz and amperage requirements of electric motor, as stated on label. If an extension cord is used, requires at least 12 gauge 3 wire with maximum of 25 foot length.
2. Check ALL fluid levels prior to operating the unit.
3. Protect the pump from freezing, FLUSH with anti-freeze.
4. DO NOT run dry or pump chlorine thru the unit.
5. **Supplying the unit with water, inlet pressure should not exceed 90 PSI.**
6. **Before use: Remove "shipping plug" on pump and replace with vented plug.**

CONNECTING THE PUMP:

1. Check oil level of pump use 30WT non-detergent, and engine use 10W30 oil.
2. Connect inlet to fire hydrant.
3. Connect fire hose to be tested to suitable adapters on manifold outlets. Hose should have nozzles on the end to bleed the air from the lines at full flow. Hoses should be lying up hill from pump if possible.
4. Connect garden hose to back bleed & direct to a drain away for dry test area.
5. ASSURE MOTOR IS "OFF". Connect the power cord to a standard wall outlet.
Extension cord: when needed, a 12 gauge 3 wire, maximum 25 ft. length, plugged into a 20 amp breaker is required.

OPERATING THE PUMP:

1. Close all ballvalves, slightly crack open the 1/2" bleeder ballvalve.
2. Open inlet ballvalve. Open outlet ballvalves one at a time and allow each hose to be filled through manifold. Do not turn pump on at this time.
3. To ensure air is safely bled from hoses, bleed each hose, one line at a time with hydrant volume and pressure, utilizing a nozzle at the end of each hose.
4. When each line is filled, free of air, with nozzle closed, close the ballvalve at the manifold outlet to seal the line. Bleed **ALL** outlets whether or not in use for testing. All air must be removed.
5. With back bleed open, turn on the pump. This will bleed air out of the pressure side of the pump - out to the drain area.
6. **Close the 1&1/2" ballvalve at the inlet of manifold/unit, directing water flow from the hydrant to pressure side of pump. No pressure will build until this ballvalve is closed.**
7. Slowly close the 1/2" back bleed ballvalve, check the gauge to verify pressure setting of relief valve.

8. The pressure regulator has been preset at the factory. **To change this setting you must make this adjustment while the water is flowing freely, and under NO pressure.** To adjust the pressure, first loosen the locknut. Turn the T-handle/Knob clockwise to increase and counterclockwise to decrease the pressure. To check pressure setting and re-adjust as necessary. Upon reaching desired pressure setting, tighten locknut and prepare to begin test.
9. Open one of the 1&1/2" ballvalves at the outlets and begin building pressure in one of the lines at a time. In the event there is an acceptable leak in the system that must be overcome by leaving the pump running.. Crack the 1/2" back bleed valve allowing a small amount of clean fresh water to flow while in bypass. **Once pressure has been reached, you may close all ballvalves and shut off pump, check for leaks; open ballvalves as needed to monitor existing pressure. If ballvalves are in the open position with the unit running during test duration, you must crack the back bleedvalve to allow the unit to pull in fresh cool water; leaving the unit running in bypass for long periods of time will cause the water to heat and possibly damage the pump.**
10. If the air has been bled as outlined, the pump will build pressure quickly and safely with only hose stretch to overcome. If a hose ruptures, the only volume of water available is through GPM of the pump. **NO SURGE OF VOLUME, NO WILD LINE.**
11. It is impossible to ensure that air is not caught behind couplings. If air is caught behind a coupling that fails - it could cause an explosion and fragmentary effect. **DO NOT BEND OVER THE TOP OF THE PUMP.** Treat hoses and couplings under pressure as dangerous.

NOTE: When dealing with existing pressured hoses or to re-pressurize hose, unit's existing manifold/piping pressure must be bled back down to 70 psi. **DO NOT LOWER PRESSURE ON HOSES OR TEST ENVIROMENT,** just in manifold/piping section of pump. High existing "head pressure" will cause motor to stall, not start at all, or pump to fail. Examples: hoses are pre-filled and have existing pressure of 120 PSI, and you need to build to 150 PSI, the positive displacement pump will struggle with overcoming this existing head pressure. **TO OVERCOME:** with 1&1/2" outlet ballvalves closed holding existing pressure, open back bleed 1/2" ballvalve to release pressure in piping/manifold down to 70 PSI or below. Turn motor/unit on and close 1/2" back bleed ballvalve building pressure within piping/manifold to at least 30 psi above existing test pressure (this will allow the pump to overcome the existing head pressure) and begin to open individually the 1 1/2" ballvalves.

TROUBLE SHOOTING:

NOT building pressure

Inlet ballvalve has not been closed.

AIR, AIR AND MORE AIR

*Ensure air is bled from hoses, manifold, piping.
The length of time to build pressure and test hoses
is directly related to overcoming air buildup.*

Motor will not Run

*Verify plugged directly into wall outlet, or using
minimum 12 gauge 3 wire, maximum 25' extension cord.
Push thermal overload button to reset.*

GAUGE

Pegged or faulty, order new gauge.



WARNING: Operating, servicing and maintaining this equipment can expose you to chemicals including engine exhaust, carbon monoxide and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, operate and service your equipment in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment. For more information go to: www.p65warnings.ca.gov

PARTS BREAKDOWN FOR FH2 SERIES
RICE HYDRO, INC.

PUMP PARTS:

REF#	PART NUMBER..	DESCRIPTION..	REQ'D
1	LWD-3218-0317	BRASS PUMP MANIFOLD	1
2	LWD-3202-0018	CAP	1
3	LWD-3609-0108	SCREW	8
9	LWD-1210-0048	O-RING	6
10	LWD-3202-0312	CAP & O-RING	6
11	LWD-3609-0088	SCREW	3
12	LWD-1004-0012	CRANKCASE FLANGE	1
13	LWD-0402-0172	COVER	1
14	LWD-1210-0386	O-RING	1
15	LWD-3019-0011	OUTER SEEGER	1
16	LWD-0438-0066	BALL BEARING	1
17	LWD-0403-0128	PUMP CRANKCASE	1
19	LWD-3200-0051	OIL DIPSTICK	1
20	LWD-0009-0196	PACKING HEAD RING	3
21	LWD-1241-0065	PACKING	3
22	LWD-1241-0030	PACKING	3
23	LWD-0009-0198	PACKING RETAINER	3
24	LWD-1210-0223	O-RING	3
25	LWD-0019-0095	OIL SEAL	3
26	LWD-0600-0048	SPECIAL BOLT	3
27	LWD-2811-0080	WASHER	3
28	LWD-0202-0020	CERAMIC BUSHING	3
29	LWD-2812-0038	WASHER	3
30	LWD-1210-0055	O-RING	3
31	LWD-2409-0044	PISTON GUIDES	3
32	LWD-3011-0014	GUDGEON PIN	3
33	LWD-0205-0048	CONNECTING ROD ASSY	3
34	LWD-3019-0033	OUTER SEEGER	1
35	LWD-3201-0026	OIL INDICATOR	1
36	LWD-1210-0333	O-RING	1
37	LWD-1210-0621	O-RING	1
38	LWD-0402-0142	CRANKCASE COVER	1
39	LWD-3609-0041	SCREW	4
46	LWD-1210-0441	O-RING	1
47	LWD-3200-0007	DRAIN PLUG	1
48	LWD-3200-0007	PLUG	1
49	LWD-2811-0084	WASHER	1
50	LWD-3202-0015	PLUG	1
51	LWD-2811-0086	WASHER	1
61	LWD-1220-0030	VALVE ASSY KIT	6
62	LWD-3609-0032	SCREW	4
63	LWD-3016-0012	FLANGE	1
64	LWD-3607-0199	HEXAGONAL SCREW	4
65	LWD-0019-0075	OIL SEAL	1
66	LWD-3019-0004	OUTER SEEGER	1
67	LWD-3020-0012	INNER SEEGER	1
68	LWD-2812-0064	SPACER	1
69	LWD-0438-0015	BALL BEARING	1
70	LWD-0001-0451	HOLLOW SHAFT	1

REF# KITS:

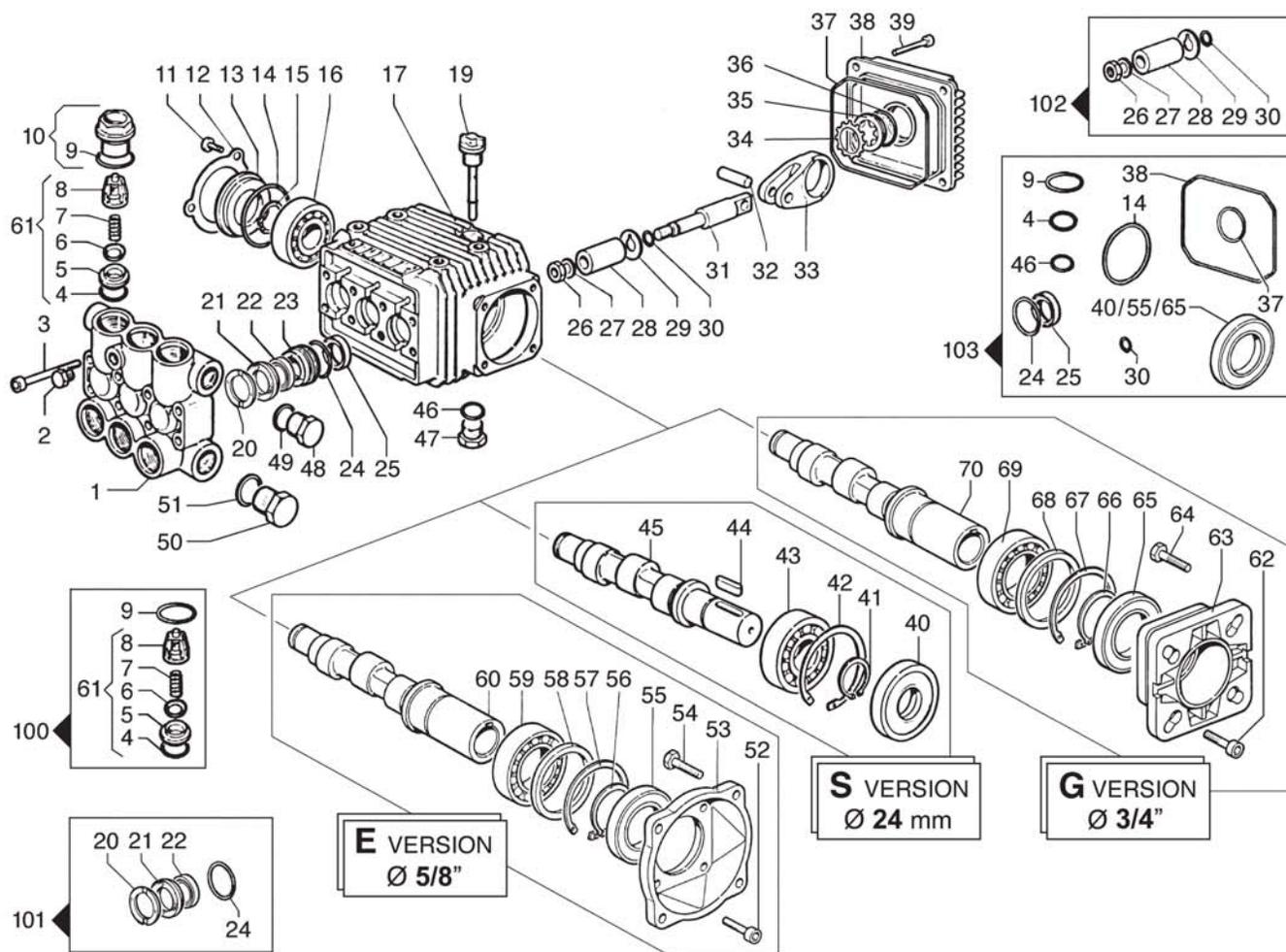
100	LWD-5025-0011	VALVE KIT	1
101	LWD-5019-0035	WATER SEAL KIT	1
102	LWD-2409-0071	PISTON KIT	1
103	LWD-5019-0041	OIL SEAL KIT	1

PARTS BREAKDOWN FOR FH2 SERIES
RICE HYDRO, INC.

MISCELLANEOUS PARTS..

BRIGG-130G32-0022-F1	5.5 HP 206 CC FLANGE MOUNT	1
HONDA-GX200UT2-QX2	6.5 HP 196 CC FLANGE MOUNT	1
PUMP-PLGR-3.5/22	TRIPLEX PLUNGER PUMP	1
GAUGE-1500	0-1500 PSI LIQUID FILLED GAUGE	1
VALVE-RELIEF-900PSI	PRESSURE REGULATOR	1
HOSE-1/2X2-RH	FH SERIES HOSE	1
CHECKVALVE-1/2F	1/2" FEMALE CHECKVALVE	1
BALLVALVE-HP-1/2	1/2" BLEED VALVE	1
BALLVALVE-S-1&1/2	STAINLESS STEEL BALLVALVE	5
SWIVEL-INLET-FH3	2&1/2" FEMALE SWIVEL INLET	1
ADAPTER-NST-1&1/2	1&1/2" NPT X NST OUTLET ADAPTER	4
ADAPTER-NST-2&1/2	2&1/2" NPT X NST OUTLET ADAPTER	4
CASTER-RIGID-4	4" RIGID CASTER	2
CASTER-SWIVEL-4	4" SWIVEL CASTER	2
LABEL-KIT-FH	INSTRUCTION AND CAUTION STICKERS	1

3400 RPM



N°	Cod.	Descrizione	Description	Note	Qty	Model
1	3218 0317	Testata Pompa Ottone	Brass Pump Manifold	Ø15	1	
2	3202 0018	Tappo	Cap	G1/8	1	
3	3609 0108	Vite	Screw	M6x55	8	
4	1210 0046	Guarnizione OR	O-Ring	2,62x17,13	6	
5	3009 0087	Sede Valv. Aspir./Mand.	Suct./Del. Valve Seat		6	
6	3604 0017	Valvola Aspir./Mand.	Suct./Del. Valve		6	
7	1802 0177	Molla Valv. Asp./Mand.	Suct./Del. Valve Spring		6	
8	1205 0025	Gabbia Valv. Asp./Mand.	Suct./Del. Valve Cage		6	
9	1210 0048	Guarnizione OR	O-Ring	2,62x20,24	6	
10	3202 0312	Tappo + OR	Cap + O-Ring		6	
11	3609 0088	Vite	Screw	M5x10	3	
12	1004 0012	Flangia Tenuta	Crankcase Flange		1	
13	0402 0172	Coperchio	Cover		1	
14	1210 0386	Guarnizione OR	O-Ring	3,53x44,04	1	
15	3019 0011	Seeger Esterno	Outer Seeger		1	
16	0438 0066	Cuscinetto a Sfere	Ball Bearing	20x52x15	1	
17	0403 0128	Carter Pompa	Pump Crankcase		1	
19	3200 0051	Asta Livello Olio	Oil Dipstick		1	
20	0009 0196	Anello Pressione	Packing Head Ring	Ø15	3	
21	1241 0065	Guarnizione Tenuta	Packing	Ø15	3	
22	1241 0030	Guarnizione Tenuta	Packing	Ø15	3	
23	0009 0198	Anello Portaguarniz.	Packing Retainer	Ø15	3	
24	1210 0223	Guarnizione OR	O-Ring	1,78x26,7	3	
25	0019 0095	Anello Tenuta	Oil Seal	15x24x5	3	
26	0600 0048	Dado Speciale	Special Bolt		3	
27	2811 0080	Rondella	Washer	8,2x14x1,5	3	

N°	Cod.	Descrizione	Description	Note	Qty	Model
28	0202 0020	Bussola Ceramica	Ceramic Bushing	Ø15	3	
29	2812 0038	Rondella	Washer		3	
30	1210 0055	Guarnizione OR	O-Ring	1,78x6,07	3	
31	2409 0044	Pistone Guida	Piston Guides		3	
32	3011 0014	Spinotto	Gudgeon Pin		3	
33	0205 0048	Kit Biella	Con. Rod Assembly		3	
34	3019 0033	Seeger Esterno	Outer Seeger	Ø28	1	
35	3201 0026	Spia Livello Olio	Oil Indicator		1	
36	1210 0333	Guarnizione OR	O-Ring	1,78x23,52	1	
37	1210 0621	Guarnizione OR	O-Ring	3,0x94	1	
38	0402 0142	Coperchio Carter	Crankcase Cover		1	
39	3609 0041	Vite	Screw	M6x25	4	
40	0019 0094	Anello Tenuta	Oil Seal	25x62x10/7	1	
41	3019 0006	Seeger Esterno	Outer Seeger		1	
42	3020 0012	Seeger Interno	Inner Seeger		1	
43	0438 0075	Cuscinetto a Sfere	Ball Bearing	25x62x17	1	
44	1602 0045	Linguetta	Key	8x7x25	1	
45	0001 0286	Albero Passante	Throughshaft	Ø24	1	2015 S
46	1210 0441	Guarnizione OR	O-Ring	2x14	1	
47	3200 0007	Tappo	Plug	3/8 GAS	1	
48	3200 0007	Tappo	Plug	3/8 GAS	1	
49	2811 0084	Rondella	Washer	16,7x22x1,5	1	
50	3202 0015	Tappo	Plug	G1/2	1	
51	2811 0086	Rondella	Washer	21,2x27x1,5	1	
52	3609 0032	Vite	Screw	M6x20	4	

3400 RPM

N°	Cod.	Descrizione	Description	Note	Qty	Model
53	3016 0016	Flangia	Flange	NEMA 56 C	1	
54	3607 0200	Vite Testa Esagonale	Hexagonal Screw	3/8"16 UNF3/4"	4	
55	0019 0075	Anello Tenuta Olio	Oil Seal	35x62x7	1	
56	3019 0004	Seeger Esterno	Outer Seeger	Ø35	1	
57	3020 0012	Seeger Interno	Inner Seeger	Ø62	1	
58	2812 0064	Rondella Distanziale	Spacer		1	
59	0438 0015	Cuscinetto a Sfera	Ball Bearing	35x62x14	1	
60	0001 0336	Albero Femmina	Hollow Shaft	Ø 5/8"	1	2015 E - 2020 E
	0001 0337	Albero Femmina	Hollow Shaft	Ø 5/8"	1	3020 E
	0001 0532	Albero Femmina	Hollow Shaft	Ø 5/8"	1	3522 E
61	1220 0030	Gruppo Valv. Asp./Mand.	Suct./Del. Valve Assy kit		6	
62	3609 0032	Vite	Screw	M 6x20	4	
63	3016 0012	Flangia	Flange	SAE J 609 A	1	
64	3607 0199	Vite Testa Esagonale	Hexagonal Screw	5/16"24 UNF3/4"	4	
65	0019 0075	Anello Tenuta Olio	Oil Seal	35x62x7	1	
66	3019 0004	Seeger Esterno	Outer Seeger	Ø35	1	
67	3020 0012	Seeger Interno	Inner Seeger	Ø62	1	
68	2812 0064	Rondella Distanziale	Spacer		1	

N°	Cod.	Descrizione	Description	Note	Qty	Model
69	0438 0015	Cuscinetto a Sfera	Ball Bearing	35x62x14	1	
70	0001 0334	Albero Femmina	Hollow Shaft	Ø 3/4"	1	2020 G
	0001 0406	Albero Femmina	Hollow Shaft	Ø 3/4"	1	2520 G - 2525 G
	0001 0451	Albero Femmina	Hollow Shaft	Ø 3/4"	1	3020 G - 3025 G
	0001 0383	Albero Femmina	Hollow Shaft	Ø 3/4"	1	3515 G - 3522 G

Kit Ricambi

Spare Parts Kit

N°	Cod.	Descrizione	Description	Note	Qty	Model
100	5025 0011	Kit Valvole	Valve Kit		1	
101	5019 0035	Kit Guarnizioni Acqua	Water Seal Kit	Ø15	1	
102	2409 0071	Kit Pistone	Piston kit	Ø15	1	
103	5019 0040	Kit Guarnizioni Olio	Oil Seal Kit	Make/Solid	1	2015 S - 3020 S
	5019 0041	Kit Guarnizioni Olio	Oil Seal Kit	Femmina/ Hollow	1	2020 G - 2520 G 2525 G - 3020 G 3020 E - 3025 G 3515 G - 3522 G 3522 E

SMC Model 555 Balanced Pressure Regulator

FEATURES:

Simple construction. Minimum number of parts to wear. Seals, piston, and seat assembly easily replaced. Ideal for self service car wash installations, particularly those with trigger gun and weep systems also carpet cleaning machine and RO application. Can be used on multi-outlet systems with varying size nozzles. Working pressure is maintained in the system regardless of what percent of the liquid is bypassed. Off the line mounting - No pressure loss from valve restriction - Capacity to 10 G.P.M. In line mounting - Capacity to 7 G.P.M. Does not pulse or surge. Smooth gentle discharge Model 555 also is available in partial or all stainless steel.

INSTRUCTIONS:

Mount **off-line** unit in a tee, off the discharge line or manifold, see Fig. #1. Mount **in line** unit, in-line - see Fig. #2.

Ideal for use in car wash or pressure wash application where a weep gun is used or bypass can be returned to a supply tank. When used on a pressure wash system where bypass is piped back to inlet and standard shut off gun is used it is advisable to install a thermal relief valve to insure that heat build up in the pump and short loop does not exceed a fixed temperature (160°-180°). Note: This can done only if pump is pressure fed or has net positive suction head from gravity feed.

To increase pressure, turn adjusting cap clockwise. To reduce pressure turn adjusting cap counter-clockwise.

The SMC regulator is not preset for pressure. Start the pump with the spring in a relaxed position (7 threads showing). With the discharge gun open check gauge pressure as you turn the adjusting cap clockwise to increase the pressure to the desired operating range (2000 PSI max.). There may be some by-pass if the nozzle is undersize. Do not adjust above the working pressure as this will unnecessarily increase pressure when the gun is shut-off.

If used in a system that is equipped with more than one outlet gun set the valve pressure with one outlet gun open and again with all outlet guns open to verify proper setting.

If there is extreme pulsating in the system (single or two cylinder pump or a pump with mechanical valves) there may be a light trickle at the bypass. The addition of a pulsation damper you can set the valve slightly higher than normal to stop the trickle (there will be a slightly higher pressure rise than normal with all outlet guns shut-off).

NOTE: Do not use Teflon Tape on threads. Please use a thread locker for best results. Teflon Tape ends up in piston bore causing regulator to be ineffective.

PARTS LIST:

- | | | |
|-----|---------|--|
| 1. | 5550040 | CAP |
| 2. | 5550120 | Standard Spring, 200-2000 PSI |
| | 5550130 | Medium Spring, 100-900 PSI |
| | 5550140 | Low Spring, 50-500 PSI |
| 3. | 5550390 | Thrust Plate |
| 4. | 8200260 | Ring Retainer |
| 5. | 5550370 | Brass Washer, Piston Retainer |
| 6. | 5550230 | Piston 316SS |
| 7. | 5550490 | Seal Kit - Buna-N w/Teflon |
| | 5551690 | Seal Kit - Ethylene Propylene w/Teflon |
| | 5551990 | Seal Kit - Fluroelastomer w/Teflon |
| 8. | 5550330 | Off Line Body Assembly |
| 8A. | 5550350 | In Line Body Assembly |
| 9. | 5550590 | Kit Seat w/Buna-N O-Ring |
| | 5552090 | Kit Seat w/Ethylene Propylene O-Ring |
| | 5552190 | Kit Seal w/Fluroelastomer O-Ring |

SPECIFICATIONS:

- All Body Parts — Brass
- Piston and Seat — Hardened Stainless Steel
- O-Rings — Buna-N, Ethylene Propylene, or Viton
- Piston Seal — Buna-N, Ethylene Propylene, or Viton
- Seal Backup — Filled Teflon
- Adjusting Spring — Chrome Vanadium
- Porting — 3/8 F. N. P. T. Inlet (All Ports)
- Temperature Range — to 180° F
- Volume Range —
 - Off line Mount to 10 GPM
 - In Line Mount to 7 GPM
- Pressure Range —
 - Standard Spring, 200-2000 PSI
 - Medium Spring, 100-900 PSI
 - Low Spring, 50-500 PSI
- Weight — 12 oz.

