

CHAPMAN-HUFFMAN, INC.

JUNCTION BOX ENCLOSURE



20-280-00

- 14" long X 9" wide X 4 1/2" high
- Stainless steel construction
- Removable plastic cover
- Installation hole plug and screw kit

ZIP-IT® WALL ANCHOR - NYLON



Each

008-70-00

Bag of 50

95-161-00

- Self-drilling sheetrock hollow wall anchor
- Fast, easy installation w/ electric drill or screwdriver
- Use # 8 X 1 1/4 sheet metal screws (95-188-00 Pkg. of 25 or 95-189-00 Pkg. of 50)
- Electrically non-conductive

ZINC ZIP-IT® WALL ANCHOR - METAL



Each

008-71-00

Bag of 50

95-163-00

- Self-drilling sheetrock hollow wall anchor
- Fast, easy installation w/ electric drill or screwdriver
- Use # 8 X 1 1/4 sheet metal screws (95-188-00 Pkg. of 25 or 95-189-00 Pkg. of 50)
- Made of Zamac alloy

JUNCTION BOX SERVICE VALVE KIT WITH ADAPTER



19-040-00

- Two manual shut-off valves 1/2 FPT X 3/8 compression
- Two adapter fittings 1/8 MPT X 3/8 compression
- For air or water

MANUAL SHUT-OFF VALVE ONLY



19-042-00

- 1/2 FPT x 3/8 compression

MANUAL SHUT-OFF VALVE COMPRESSION



19-001-00

- 5/8 OD compression (in) x 3/8 compression (out)
- For air or water

Note: Compression nut & sleeve

800-225-4621

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CHAPMAN-HUFFMAN, INC.

STRAIGHT MANUAL SHUT-OFF VALVE

19-002-00



- Straight manual shut-off valve
- For air or water
- 1/2 FPT X 3/8 compression

3/8" COMPRESSION CAP AND SLEEVE KIT

95-004-00



NEW!

- Plugs 3/8" outlet on manual shut-off valves (angle stops) for Chapman-Huffman part numbers 19-001-00, 19-002-00 and 19-042-00

JUNCTION BOX VALVE KIT

19-325-00



- For custom installation
- Air and water shut-off valves with filter
- Pre-regulators
- Gauges
- Master on-off toggle valve
- Tubing
- Mounting holes in bracket align with holes in junction box enclosure 20-280-00 on pg. 125
- Installation instructions

JUNCTION BOX VALVE KIT

19-070-00



- For custom installation
- Air and water shut-off valves with filter element housing
- Tubing and fittings
- Master on-off toggle valve
- Can be used as on-off or used with pre-regulator

JUNCTION BOX SHUT-OFF VALVE ASSEMBLY

19-075-00



- For air or water
- Includes filter element housing
- Can be used as on-off or used with pre-regulator
- 3/8 compression inlet plus (1) 10-32 port
- Outlet (1) 1/8" FPT port plus (4) 10-32 ports

CHAPMAN-HUFFMAN, INC.

FILTER ELEMENT AIR OR WATER



Pkg. of 6

17-680-00

95-202-00

- Fits ADEC junction box valves and is an exact replacement for ADEC cross ref. # 24.0234.00
 - Also fits Chapman-Huffman Junction Box valve 19-075-00 and 19-081-00
 - White plastic construction
-

JUNCTION BOX SHUT-OFF VALVE REPAIR KIT

95-201-00



- Repairs junction box valves 19-043-00, 19-060-00 and 19-075-00
-

UNIVERSAL JUNCTION BOX SHUT-OFF VALVE ASSEMBLY

19-060-00



- Can be used as on-off or used with pre-regulator
 - 3/8 compression inlet less filter plus (1) 10-32 port, (1) 1/4 poly outlet, plus (1) 10-32 port
 - For air or water
-

CUSPIDOR / CUP FILLER TIME DELAY VALVE ASSEMBLY

19-043-00



- With this valve assembly you can control the length of time water will run in the cuspidor bowl or from the cup filler valve and then shut-off automatically
 - The fine time adjustment valve allows a wide range of time delay for your specific needs and can be remote mounted
 - (1) 1/4 poly inlet, plus (1) 10-32 port and 1/4 poly outlet, plus (1) 10-32 port
-

UNIVERSAL JUNCTION BOX VALVE KIT

19-080-00

Junction Box Valve Only

19-081-00



- For custom installation
- Air and water shut-off valves
- Filter housing
- 3/8 compression inlet, plus (1) 10-32 port
- (3) 1/8 FPT outlets
- Master on-off toggle valve
- Tubing and fittings

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CHAPMAN-HUFFMAN, INC.

UNIVERSAL JUNCTION BOX VALVE REPAIR KIT

95-203-00



- Fits junction box valves 19-080-00 and 19-081-00

MASTER WATER SHUT-OFF VALVE ASSEMBLY

19-058-00



- Fits **DENTAL-EZ TRUTH System** for master water on-off control to units
- Brass construction
- (3) 1/8 FPT ports - (1) in, (1) out, (1) pilot air
- 1 1/8" diameter X 1 1/2" high

MASTER AIR SHUT-OFF VALVE ASSEMBLY

19-059-00



- Fits **DENTAL-EZ TRUTH System** for master air on-off control to units
- Zinc plated steel construction
- (4) 1/8 FPT ports - (1) in, (1) out, (1) exhaust, (1) pilot air
- 1 1/8" diameter X 1 1/2" high

NOTE! This valve will leak out exhaust port when main pressure **IN** is under 15 lbs

CENTURY WATER VALVE SERVICE KIT

95-210-00



- Fits ADEC CENTURY Water Valve Assembly
- ADEC cross ref. # 38.0098.00

NEEDLE VALVE STEM ASSEMBLY

95-211-00



- Fits ADEC CENTURY Water Valve Assembly, Part Number: 38.0098.00
- Black plastic construction with O-ring
- ADEC cross ref. # 38.0102.00

CHAPMAN-HUFFMAN, INC.

DIAPHRAGM



Pkg. of 6

95-375-00

- Fits ADEC valves & Chapman-Huffman 19-043-00, 19-060-00 & 19-075-00 Junction Box Shut-off Valves
 - ADEC cross ref. # 22.0440.00
-

DIAPHRAGM

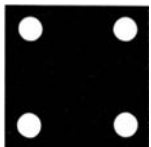


Pkg. of 6

95-500-00

- Fits ADEC CENTURY II control block
 - ADEC cross ref. # 38.0179.00
-

DIAPHRAGM



Pkg. of 6

95-525-00

- Fits ADEC valves
 - ADEC cross ref. # 38-0054-00
-

9-HOLE GASKET



Pkg. of 6

95-550-00

- Fits ADEC valves & Chapman-Huffman 19-043-00, 19-060-00 & 19-075-00 Junction Box Shut-off Valves
 - ADEC cross ref. # 24.0137.00
-

5 HOLE GASKET



Pkg. of 6

95-555-00

- Fits ADEC valves
 - ADEC cross ref. # 24.0136.00
-

5 HOLE GASKET



Pkg. of 6

95-560-00

- Fits ADEC CENTURY PAC Control System
- ADEC cross ref. # 38.0118.00

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DIAPHRAGM

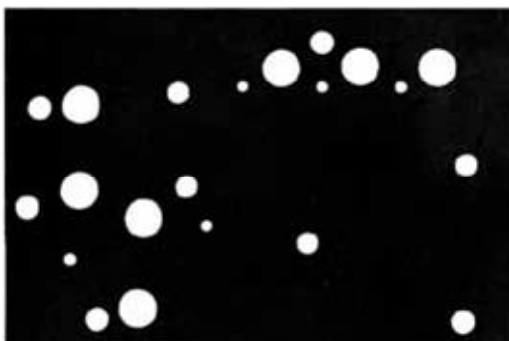


Pkg. of 6

95-565-00

- Fits ADEC CENTURY PAC Control System
- ADEC cross ref. # 38.0120.00

DIAPHRAGM

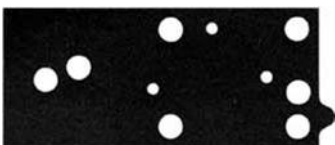


Pkg. of 5

95-580-00

- Fits ADEC PERFORMER handpiece Control Block
- ADEC cross ref. # 38.0711.01

TOP CAP DIAPHRAGM



Pkg. of 6

95-575-00

- Fits ADEC CENTURY PLUS Control Block Assembly
- ADEC cross ref. # 38.0519.00

DIAPHRAGM

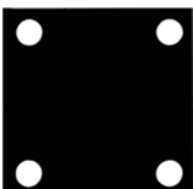


Pkg. of 6

95-570-00

- Fits ADEC Handpiece Control Valve
- ADEC cross ref. # 22.0774.00

DIAPHRAGM



Pkg. of 6

95-377-00

- Fits Chapman-Huffman Junction Box Valve 19-081-00

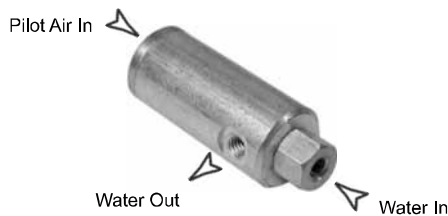
VALVES

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CHAPMAN-HUFFMAN, INC.

WATER RETRACTOR (WATER RELAY)

19-031-00



- Use when retraction is desired in handpiece
- (3) 10-32 ports
- Activated by air
- Check valve 19-055-00 is recommended in conjunction with this valve

NON-RETRACTING WATER RELAY

19-110-00



- Use when non-retraction is desired in handpiece
- (3) 10-32 ports
- Activated by air

WATER RELAY WITHOUT FLOW CONTROL

19-155-00



- Non retracting water relay
- Low pressure activation of 5 PSI
- Nickel plated metal construction
- 6-32 mounting holes
- DCI cross ref. # 7131

PILOT-ACTUATED RELAY VALVE

19-111-00



- Replacement relay valve for 19-110-00 non-retracting water relay
- Requires actuator 95-204-00 or 19-105-00
- (2) 10-32 ports
- 2-way non-relieving
- Normally closed
- For air or water

ACTUATOR KIT

95-204-00



- Air actuator with 1/16 barb fitting
- Replacement actuator for air pilot valve 19-115-00 on pg. 137 & for 19-110-00 non-retracting water relay above
- Brass construction

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VALVES

CHAPMAN-HUFFMAN, INC.

LOW PRESSURE ACTUATOR KIT



19-105-00

- Activates valves such as 19-115-00 (pg. 137), 19-110-00 (pg. 131) at approx. 4 to 6 PSI pilot air
- Overall size: 1" diameter X 1 5/8" long
- Valve end (15/32-32 threads) Pilot air end (1/8 FPT)
- Brass and Aluminum construction

SELF-PIERCING SADDLE VALVE ASSEMBLY



19-005-00

- No drilling or line shut-off required w/ copper tubing
- Accommodates copper tubing 3/8" through 1" OD
- Outlet is 1/4" OD copper compression

MINI BALL VALVE ASSEMBLY



1/8 FPT 19-145-00

1/4 FPT 19-146-00

3/8 FPT 19-147-00

1/2 FPT 19-148-00

- For air/water service w/ working pressure to 300 PSI
- Pipe threaded ports
- Brass construction, Chrome plated

MINI BALL VALVE ASSEMBLY



19-144-00

- Air or water max. operating pressure of 250 PSI
- 1/4 turn ball valve ON-OFF
- Brass construction
- Panel Mount up to 1/8" thick, 5/8" dia. hole required
- Plastic handle w/ **flow directional arrow** indicating position of valve
- 1/8 FPT ports

BALL VALVE ASSEMBLY



1/4 FPT 19-136-00

3/8 FPT 19-137-00

1/2 FPT 14-012-00

- For air or water service w/ working pressure to 600 PSI
- For vacuum service to 29 inches of mercury
- Pipe threaded ports
- Brass construction

CHAPMAN-HUFFMAN, INC.

TOGGLE VALVE: ON/OFF



Black 2-way N/C w/o exhaust 19-010-00
Black 3-way N/C with exhaust 19-011-00

Gray 2-way N/C w/o exhaust 19-048-00
Gray 3-way N/C with exhaust 19-049-00

- Positive on/off control
- Brass construction, Nickel plated
- (2) 10-32 ports
- Mounting hardware, 15/32-32 hex nuts

TOGGLE VALVE: ON/OFF (MOMENTARY)



Black 2-way N/C w/o exhaust 19-014-00
Black 3-way N/C with exhaust 19-015-00

Gray 2-way N/C w/o exhaust 19-050-00
Gray 3-way N/C with exhaust 19-051-00

- Positive on/off control
- Brass construction, Nickel plated
- (2) 10-32 ports
- Mounting hardware, 15/32-32 hex nuts

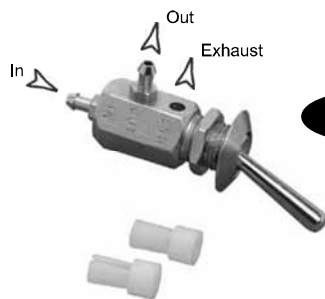
TOGGLE VALVE: ON-OFF (MOMENTARY)



Black 19-071-00
Gray 19-072-00

- 3-way with exhaust n/o
- Positive on-off control for air only
- Brass construction, Nickel plated
- (2) 10-32 ports
- Mounting hardware, 15/32-32 hex nuts
-

TOGGLE VALVE ASSEMBLY – SUB-MINIATURE



- Miniature Toggle Valve
- 3-Way N/C with exhaust
- Mounting hardware 1/4-40 hex nut
- 1/4" Mounting Hole Required - 1/8" maximum panel thickness
- Non-adjustable metal toggle
- (2) 1/16 barb fittings
- Nickel plated
- Max 100 PSI
- ADEC cross ref. # 026.123.00

19-220-00

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VALVES

CHAPMAN-HUFFMAN, INC.

PUSH BUTTON: ON/OFF (MOMENTARY)



Black 2-way w/o exhaust N/C 19-016-00
Black 3-way with exhaust N/C 19-017-00
Black 3-way with exhaust N/O 19-019-00

Gray 2-way w/o exhaust N/C 19-052-00
Gray 3-way with exhaust N/C 19-053-00
Gray 3-way with exhaust N/O 19-054-00

- Positive on/off control
- Brass construction, Nickel plated
- (2) 10-32 ports
- Mounting hardware, 15/32-32 hex nuts

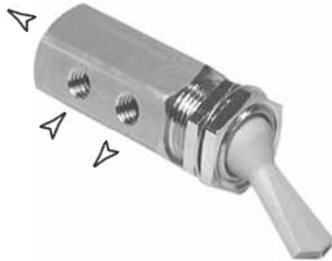
ON-OFF CUP FILLER VALVE (MOMENTARY)



19-091-00

- Black momentary N/C 2 way without exhaust
- Positive on-off control
- Brass construction, Nickel plated
- 10-32 port
- Mounting hardware, 15/32-32 hex nuts
- Commonly used on ADEC cuspidor cup filler
- ADEC Cross ref. # 33.0008.00
- DCI Cross ref. # 7167

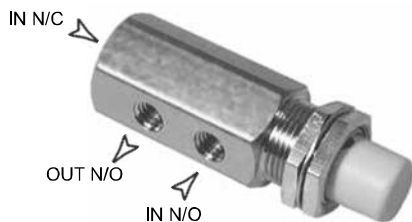
ROUTING VALVE



Black 19-023-00
Gray 19-056-00

- 2-way routing, 1 input, 2 output, N/O
- Can also be used with (2) input and (1) output N/O
- Routing control for air or water
- Brass construction, Nickel plated
- (3) 10-32 ports
- Mounting hardware, 15/32-32 hex nuts

PUSH BUTTON ROUTING VALVE



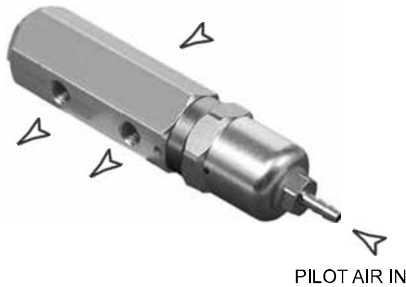
Gray Button 19-130-00

- 2-way momentary routing
- Valve is designed to be used when (2) input and (1) output is desired
- Supply to valve can be air or water, or one of each
- Brass construction, Nickel plated
- (3) 10-32 ports
- Mounting hardware, 15/32-32 hex nuts
- This valve will also function the same as routing valves 19-023-00 and 19-056-00 with (1) input and (2) outputs

CHAPMAN-HUFFMAN, INC.

AIR ACTIVATED ROUTING VALVE

19-190-00



- 2 way routing, (1) input and (2) output N/O
- Also, valve is designed to be used when (2) input and (1) output is desired
- Routing control for air or water
- Brass construction, Nickel plated
- (3) 10-32 ports

ON/OFF TOGGLE VALVE (MOMENTARY)

Black

19-047-00

Gray

19-093-00



- **2 way without Exhaust Momentary N/C**
- Positive ON-OFF control
- Brass construction, Nickel plated
- (2) 10-32 ports
- Mounting hardware, 15/32-32 hex nuts
- Commonly used on ADEC cuspidor cup filler

ON/OFF TOGGLE VALVE

Black 2-way W/O exhaust N/C

19-046-00

Black 3-way with exhaust N/C

19-044-00

Gray 2-way W/O exhaust N/C

19-095-00

Gray 3-way with exhaust N/C

19-098-00



- Positive on-off control
- Brass Construction, Nickel plated
- (2) 10-32 female thread ports
- Mounting hardware 15/32-32 hex nuts
- 2 way valves used on ADEC Cuspidor cup filler

STANDARD TOGGLE

Black

19-360-00

Gray

19-361-00



- Fits Chapman-Huffman standard toggle valves

MOMENTARY TOGGLE

Black

19-006-00

Gray

19-007-00



- Fits Chapman-Huffman momentary toggle valves

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CHAPMAN-HUFFMAN, INC.

AIR PILOT VALVE ON/OFF

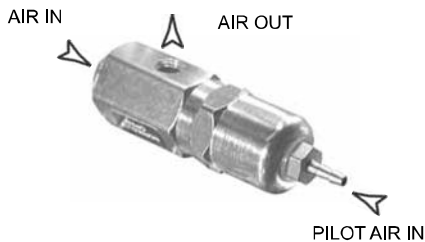


2-way W/O exhaust N/C
3-way With exhaust N/C

19-032-00
19-033-00

- Positive air actuated on/off
- Panel mounting 15/32-32
- (2) 10-32 ports
- 1/16" barb for pilot air in
- Brass construction, Nickel plated

PILOT VALVE ON/OFF



19-021-00

- 3-way with Exhaust N/O
- Positive air actuated ON/OFF
- (2) 10-32 ports
- 1/16" barb for pilot air in
- Brass construction, Nickel plated

NEEDLE CONTROL VALVE



Black
Gray

19-026-00
19-027-00

- Variable control for air or water
- Brass construction, Nickel plated
- (2) 10-32 ports
- Mounting hardware, 15/32-32 hex nuts

FLOW RESTRICTOR VALVE (PINCH TYPE)



Black
Gray

19-028-00
19-029-00

- Variable restriction for air or water (pinch type)
- Accommodates tubing to 1/4" OD
- Brass construction, Nickel plated
- Mounting hardware, 15/32-32 hex nuts

CHAPMAN-HUFFMAN, INC.

PLASTIC KNOB



Black
Gray

19-024-00
19-025-00

- Replacement knob for control valves w/ 1/4 OD shaft
-

ALUMINUM KNOB ASSEMBLY



19-380-00

- Replacement knob for control valves w/ 1/4" OD shaft
 - Anodized aluminum construction, easy cleaning design
 - ADEC cross ref. # 027.008.00
-

MINI FLOW NEEDLE VALVE ASSEMBLY



95-205-00

- Use with air
 - Used on time delay valve 19-043-00
 - Can be panel or manifold mounted
 - 10-32 male inlet, 10-32 female outlet
 - Plated brass and stainless steel construction
 - ADEC cross ref. # 026.100.00
-

NEEDLE VALVE PANEL MOUNT



19-349-00

- Fits BELMONT 056/057/058 units
 - Screwdriver slot in stem
 - BELMONT cross ref. # 05810250
-

AIR PILOT VALVE



19-115-00

- Requires actuator kit 95-204-00 (pg. 131)
 - 2-way (non relieving) Normally Closed
 - 1/8 FPT ports
 - For air or water
 - 0-300 PSI rated
 - Brass construction
-

ON-OFF TOGGLE VALVE HOLDER BAR MOUNTED



Gray

25-002-00

- On-off toggle with miniature signal valve provides manual air signal to accessories or arm brake
- Aluminum mounting adapter for 1/2" dia. holder bar

800-225-4621

CHAPMAN-HUFFMAN, INC.

NEEDLE VALVE ASSEMBLY



1/4 X 1/4

19-450-00

3/8 X 1/4

19-453-00

- Poly to MPT
- Flow adjustment with positive seal
- 150 PSI working pressure
- Brass construction

ANGLE NEEDLE VALVE ASSEMBLY



1/8 x 1/4

19-451-00

1/4 x 1/4

19-452-00

- MPT to Poly
- Flow adjustment with positive seal
- 150 PSI working pressure
- Brass construction

ADJUSTABLE VACUUM RELIEF VALVE ASSEMBLY



30-120-00

- Fits VACUDENT ESP Series vacuum pumps - cross ref. # 0951032
- Also fits other vacuum systems where an adjustable vacuum relief valve is needed
- Adjustable from 5" to 27" Hg.
- Steel and plastic construction, 3/8 MPT

SHUTTLE VALVE



19-045-00

- Brass construction, Nickel plated
- 1/16" barb fittings

CHECK VALVE



NEW!

19-055-00

- May be installed in water coolant system of most handpiece controls to eliminate retraction, arrow showing direction of flow
- One piece, Elastomeric Duckbill Valve
- Nickel plated, Brass construction, with 1/16" barb fittings
- Flow rate, .4 liters per minute @ 50 PSI, Cracking pressure, 1 PSI
- Maximum back pressure, 87 PSI

VALVES

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CHAPMAN-HUFFMAN, INC.

UNIVERSAL PILOT VALVE ASSEMBLY

19-035-00



- Normally closed 3-way
- Replacement pilot valve for Water Toggle Tower Assemblies 21-160-00, 21-460-00 and 21-360-00
- Replacement pilot valve for Scaler Tower Assemblies 21-267-00, 21-467-00 and 21-367-00
- Fits 25-002-00 On-Off Toggle Valve Holder Bar Mounted
- Also fits Automatic Handpiece Holders 25-010-00, 25-011-00, 25-012-00, 25-070-00 and 25-080-00

PILOT VALVE ASSEMBLY NORMALLY OPEN 3-WAY

19-100-00



- Normally open 3-way

PILOT VALVE ASSEMBLY NORMALLY CLOSED 2-WAY

19-435-00



- Fits Chapman-Huffman Foot Control **Chip Blower Tower Assemblies**
- Normally Closed 2-way

AUTOMATIC HANDPIECE HOLDER VALVE - REAR PORTED



NEW!

N/C Rear Ported

19-200-00

N/O Rear Ported

19-205-00

- Fits DCI asepsis molded automatic handpiece holders # 4561 and # 5987
- DCI cross ref. #s
5983 N/C Rear Ported
5989 N/O Rear Ported
- Fits BELMONT automatic handpiece Holder #D4561, which uses 19-200-00 N/C rear ported valve above

VALVES

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CHAPMAN-HUFFMAN, INC.

COMPACT PILOT VALVE ASSEMBLY (FOREST STYLE) - 3 WAY



NEW!

- **FOREST Style** handpiece holder valve
- Cross ref. # 1100-350
- Normally closed 3-way

19-350-00

19-351-00

- **FOREST Style** accessory holder valve
- Cross ref. # 1100-351
- Normally open 3-way

MASTER ON-OFF INDICATOR



Red Indicator

Black Bezel

20-265-00

Gray Bezel

20-266-00

Green Indicator

Black Bezel

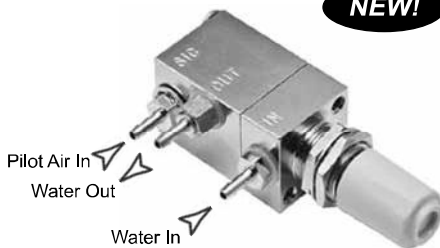
20-263-00

Gray Bezel

20-264-00

- Shows color indicator when under pressure
- 1/16 barb connection
- Requires 1/2" hole for mounting

COMBINATION RELAY AND NEEDLE VALVE ASSEMBLY



NEW!

- Two-in-one valve. Relay and Needle Valve for flow control
- Non-retracting relay
- Low pressure activation of 5 PSI
- Nickel plated metal construction
- Panel mounting hardware, 15/32-32 hex nuts
- DCI cross ref. # 7130

19-165-00

WATER RELAY WITHOUT FLOW CONTROL



NEW!

- Non retracting water relay
- Low pressure activation of 5 PSI
- Nickel plated metal construction
- 6-32 mounting holes
- DCI cross ref. # 7131

19-155-00

VALVES

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REPAIR KIT



NEW!

95-295-00

- Repairs Combination Relay and Needle Valve Assembly 19-165-00

CHECK VALVE BARB FITTING

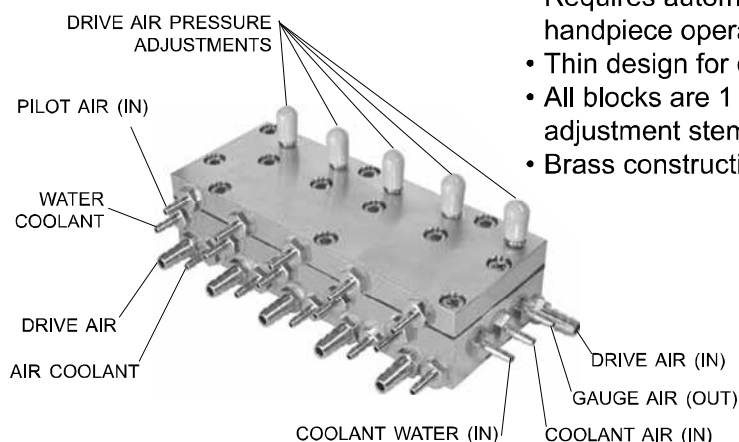


NEW!

19-170-00

- 1/16 Barb x 10-32 thread
- Duckbill style
- Plated

AUTOMATIC BLOCK ASSEMBLIES



- Automatic activation of 2, 3, 4 or 5 handpiece - depending upon size purchased
- Individual drive air adjustment
- Requires automatic handpiece holder for each handpiece operated
- Thin design for custom compact installation
- All blocks are 1 1/2" tall (including 1/2" tall adjustment stems) and 1 1/2" deep
- Brass construction, Nickel plated

NEW!

<u>POSITION</u>	<u>LENGTH</u>	<u>PART #</u>
2 Position	1 5/8"	60-175-00
3 Position	2 1/4"	60-275-00
4 Position	3"	60-490-00
5 Position	3 3/4"	60-450-00

AUTO BLOCK DIAPHRAGM



60-278-00 SHOWN

NEW!

Fits 2 position Block	60-178-00
Fits 3 position Block	60-278-00
Fits 4 position Block	60-493-00
Fits 5 position Block	60-453-00

- Replacement diaphragm for Auto Block Assemblies 60-175-00, 60-275-00, 60-490-00 and 60-450-00

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