

PRODUCT INFORMATION

C-20 AAA FINE FINISH SERIES PUMP OUTFIT

The C-20 pump is designed to deliver coating materials to multiple Air Assist automatic or hand spray guns. With a pressure ratio of 20:1 and up to 2 gpm flow, the pump can support up to eight guns with .013 orifices.



Training videos are available at: http://www.spraycat.com/trainingvideos.html

IMPORTANT! READ THE HAZARD WARNING INFORMATION

AIR ASSIST AIRLESS OPERATES WITH FLUID PRESSURES UP TO 1500 PSI AND CAN CAUSE SERIOUS INJURY IF IMPROPERLY USED. EVERYONE USING THIS EQUIPMENT MUST READ AND FULLY UNDERSTAND THE SAFETY WARNINGS.

C.A.Technologies

337 S. Arthur Ave. Louisville, CO 80027 www.spraycat.com 888 820 4498 303 438 5707 FAX 303 438 5708

				C-20 AAA Fluid	section	74	4-20	S U 0-X ¹ X ²	
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				2) 2) 2) 1) 1) 1) 1) 1) 1) 1) 1) 1) 1) 1) 1) 1)					
X ¹ =	"	S" - 9	Self Adjust		V-PACKING LOWER SE	AL OPT	FION		
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X ² =	Lo	wer S		(e up ®	06			OPTION FLUID IN	_
X ² =	Lo ^v	wer \$ U" - I	Seal	(e up (3)	~Q	74-2 9/2/			_
	Lo [,] "	wer \$ U" - P" - '	Seal U Cup V Packing				10	IID SECTION ASS'	Y
X ² =	Lo ^v	wer \$ U" - I	Seal U Cup V Packing PART NO.	DESCRIPTION			10 QTY	ID SECTION ASS	DESCRIPTION
	Lo [,] "	wer \$ U" - P" - '	Seal U Cup V Packing PART NO. 74-218	23 DESCRIPTION 3/4" NPT Inlet Fitting	18		10	ID SECTION ASS' PART NO. 74-237	DESCRIPTION Gasket
	Lo [,] "	wer \$ U" - P" - '	Seal U Cup V Packing PART NO. 74-218 74-222	23 DESCRIPTION 3/4" NPT Inlet Fitting 1/2" SAE Inlet Fitting	18 19		10 QTY 1 1	D SECTION ASS ¹ PART NO. 74-237 74-238	DESCRIPTION Gasket Retainer - Sight Window
Г ЕМ NO. 1	Lo [,] "	wer \$ U" - Р" - 	Seal U Cup V Packing PART NO. 74-218 74-222 74-224	23 DESCRIPTION 3/4" NPT Inlet Fitting 1/2" SAE Inlet Fitting 3/4" SAE Inlet Fitting	18 19 20	9/2/ *	10 QTY 1 1 1	ID SECTION ASS ⁴ PART NO. 74-237 74-238 74-221	DESCRIPTION Gasket Retainer - Sight Window Seal Plate
1 2	Lo ^v "	wer \$ U" - \ P" - \ QTY 1 1	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223	DESCRIPTION 3/4" NPT Inlet Fitting 1/2" SAE Inlet Fitting 3/4" SAE Inlet Fitting Ball Seat - Low er	18 19 20 21	9/2/	10 QTY 1 1	PART NO. 74-237 74-238 74-221 98-8131	Y DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring
EM NO. 1 2 3	Lo [,] "	wer \$ U" - \ P" - \ ΩΤΥ 1 1 1	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027	(23) DESCRIPTION 3/4" NPT Inlet Fitting 1/2" SAE Inlet Fitting 3/4" SAE Inlet Fitting 3/4" SAE Inlet Fitting Ball Seat - Low er O-Ring	18 19 20 21 22	9/2/ *	10 QTY 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack
1 2 3 4	Lo ^v "	wer \$ U" - \ P" - \ QTY 1 1 1 1	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-0291	23 DESCRIPTION 3/4" NPT Inlet Fitting 1/2" SAE Inlet Fitting 3/4" SAE Inlet Fitting 3/4" SAE Inlet Fitting Ball Seat - Low er O-Ring 7/8" Dia. Ball	18 19 20 21 22 22A	9/2/ * * *	10 QTY 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-235	Y DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.)
EM NO. 1 2 3 4 5	Lo" ""	wer \$ U" - \ P" - \ atry 1 1 1 1 1 1 1 1	Seal U Cup V Packing PART NO. 74-218 74-222 74-223 98-8027 98-8027 98-0291 74-217	(23) DESCRIPTION 3/4" NPT Inlet Fitting 1/2" SAE Inlet Fitting 3/4" SAE Inlet Fitting 3/4" SAE Inlet Fitting Ball Seat - Low er O-Ring 7/8" Dia. Ball Ball Cage	18 19 20 21 22 22A 23	9/2/ *	10 QTY 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-235 74-242	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing
EM NO. 1 2 3 4 5 6	Lov ""	wer \$ U" - \ P" - \ QTY 1 1 1 1 1 2	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-8027 98-0291 74-217 98-8132	DESCRIPTION 3/4" NPT Inlet Fitting 1/2" SAE Inlet Fitting 3/4" SAE Inlet Fitting 3/4" SAE Inlet Fitting Ball Seat - Low er O-Ring 7/8" Dia. Ball Ball Cage O-Ring	18 19 20 21 22 22A 23 24	9/2/ * * *	10 QTY 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-235 74-242 74-242 74-212	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper
EM NO. 1 2 3 4 5 6 7	Lo" ""	wer \$ U" - \ P" - \ ATY 1 1 1 1 1 2 2	Seal U Cup V Packing PART NO. 74-218 74-222 74-223 98-8027 98-8027 98-0291 74-217 98-8132 98-8136	(3) (3) DESCRIPTION 3/4" NPT Inlet Fitting 1/2" SAE Inlet Fitting 3/4" SAE Inlet Fitting 3/4" SAE Inlet Fitting Ball Seat - Low er O-Ring 7/8" Dia. Ball Ball Cage O-Ring O-Ring O-Ring	18 19 20 21 22 22A 23 24 24A	9/2/ * * *	10 QTY 1 1 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-235 74-242 74-242 74-212 74-233	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Carrier - V-Packing Set
EM NO. 1 2 3 4 5 6 7 8	Lo ""	Wer S U" - 1 P" - 1 QTY 1 1 1 1 1 1 2 2 1	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-8027 98-0291 74-217 98-8132 98-8136 74-210-B	(23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (24) (25) (26) (27) (28) (29) (29) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (21) (22) (23) (24) (25) (25) (26) (26) (26) (26) (26) (26) (26) (26) (26) (26) (26) (26) <t< td=""><td>18 19 20 21 22 22A 23 24 25</td><td>9/2/ * * *</td><td>10 QTY 1 1 1 1 1 1 1</td><td>PART NO. 74-237 74-238 74-221 98-8131 74-214 74-235 74-242 74-242 74-212 74-213 74-211</td><td>DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Carrier - V-Packing Set Seal Retainer Nut</td></t<>	18 19 20 21 22 22A 23 24 25	9/2/ * * *	10 QTY 1 1 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-235 74-242 74-242 74-212 74-213 74-211	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Carrier - V-Packing Set Seal Retainer Nut
EM NO. 1 2 3 4 5 6 7 8 9	Lov ""	wer \$ U" - \ P" - \ ATY 1 1 1 1 1 2 2	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-8027 98-0291 74-217 98-8132 98-8136 74-210-B 74-243	(23) (24) (25) <t< td=""><td>18 19 20 21 22 22A 23 24 25 25A</td><td>9/2/ * * *</td><td>10 QTY 1 1 1 1 1 1 1 1 1 1</td><td>PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-222 74-223 74-212 74-233</td><td>DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Carrier - V-Packing Set Seal Retainer Nut Packing Adjuster</td></t<>	18 19 20 21 22 22A 23 24 25 25A	9/2/ * * *	10 QTY 1 1 1 1 1 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-222 74-223 74-212 74-233	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Carrier - V-Packing Set Seal Retainer Nut Packing Adjuster
EM NO. 1 2 3 4 5 6 7 8 9 10	Lov (() *	Wer S U" - 1 P" - 1 QTY 1 1 1 1 1 1 2 2 1	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-8027 98-8027 98-8132 98-8132 98-8136 74-210-B 74-213	(23) DESCRIPTION 3/4" NPT Inlet Fitting 1/2" SAE Inlet Fitting 3/4" SAE Inlet Fitting 3/4" SAE Inlet Fitting Ball Seat - Low er O-Ring O-Ring O-Ring O-Ring O-Ring Low er Pump Tube Low er Pump Tube Low er Bushing Seal Carrier - Low er	18 19 20 21 22 22A 23 24 25 25A 26	9/2/ * * *	10 QTY 1 1 1 1 1 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-242 74-212 74-233 74-211 74-234 74-220	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper
EM NO. 1 2 3 4 5 6 7 8 9 10 10A	Lov ""	wer \$ U" - \ P" - \ OTY 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-8027 98-0291 74-217 98-8132 98-8132 98-8136 74-210-B 74-243 74-213 74-239	(3) (18 19 20 21 22 22A 23 24 25 25A 26 27	9/2/ * * *	10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-235 74-242 74-235 74-242 74-233 74-211 74-234 74-234 74-220 98-8115	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring
EM NO. 1 2 3 4 5 6 7 8 9 10 10A 11	Lov (() *	wer \$ U" - 1 P" - 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-8027 98-8027 98-8132 98-8132 98-8136 74-217 98-8132 98-8136 74-210-B 74-213 74-223 74-223	(23) (23) (23) (23) (24) (24) (27) (28) (29) (29) (29) (29) (29) (29) (29) (29) (29) (29) (20) (20) (20) (20) (20) (20) (20) (20) (20) (20) (20) (21) (22) (23) (24) (24) (24) (24) (24) (24) (24) (25) (25) (26) (27) (28) (29) (29) (20) (20) (20) (20) (20) (20) <t< td=""><td>18 19 20 21 22 22A 23 24 25 25A 26 27 28</td><td>9/2/ * * *</td><td>10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-242 74-233 74-211 74-233 74-211 74-234 74-220 98-8115 74-123</td><td>DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring</td></t<>	18 19 20 21 22 22A 23 24 25 25A 26 27 28	9/2/ * * *	10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-242 74-233 74-211 74-233 74-211 74-234 74-220 98-8115 74-123	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring
EM NO. 1 2 3 4 5 6 7 8 9 10 10A 11 12	Lov (() *	wer \$ U" - \ P" - \ QTY 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-8027 98-80291 74-217 98-8132 98-8132 98-8136 74-210-B 74-213 74-239 74-213 74-239 74-210-A 98-7140	(23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (24) (24) (27) (28) (29) (20) (21) (22) (23) (23) (23) (24) (24) (25) (26) (27) (28) (29) (29) (20) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (29) (20) (20) (20) (20) (20) (20) <t< td=""><td>18 19 20 21 22 22A 23 24 25 25A 26 27 28 29</td><td>9/2/ * * *</td><td>10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>PART NO. 74-237 74-238 74-221 98-8131 74-214 74-235 74-242 74-235 74-242 74-233 74-211 74-234 74-234 74-220 98-8115 74-123 98-0190</td><td>DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring Ball Seat 1/2" SS Ball</td></t<>	18 19 20 21 22 22A 23 24 25 25A 26 27 28 29	9/2/ * * *	10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-235 74-242 74-235 74-242 74-233 74-211 74-234 74-234 74-220 98-8115 74-123 98-0190	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring Ball Seat 1/2" SS Ball
EM NO. 1 2 3 4 5 6 7 8 9 10 10A 11 12 13	Lov (() *	wer \$ U" - 1 P" - 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-8027 98-0291 74-223 98-8132 98-8132 98-8132 98-8136 74-210-B 74-210-B 74-213 74-213 74-239 74-210-A 98-7140 74-231	(23) (23) (23) (23) (24) (24) (27) (28) (29) (29) (29) (29) (29) (29) (29) (29) (20) (20) (20) (20) (20) (20) (20) (20) (20) (20) (21) (22) (23) (24) (24) (24) (24) (24) (25) (26) (27) (28) (27) (28) (29) (29) (20) (20) (20) (20) (20) (20) (20) (20) (20) (20) <t< td=""><td>18 19 20 21 22 22A 23 24 25 25A 26 27 28 29 30</td><td>9/2/ * * *</td><td>10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-233 74-212 74-233 74-211 74-234 74-220 98-8115 74-123 98-0190 74-219</td><td>DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring Ball Seat 1/2" SS Ball Ball Cage - Upper</td></t<>	18 19 20 21 22 22A 23 24 25 25A 26 27 28 29 30	9/2/ * * *	10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-233 74-212 74-233 74-211 74-234 74-220 98-8115 74-123 98-0190 74-219	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring Ball Seat 1/2" SS Ball Ball Cage - Upper
EM NO. 1 2 3 4 5 6 7 8 9 10 10A 11 12 13 14	Lov (() *	wer \$ U" - \ P" - \ QTY 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-8027 98-8027 98-8132 98-8132 98-8136 74-217 98-8132 98-8136 74-210-B 74-243 74-231 74-231 74-231 74-228	(23) (23) (23) (23) (23) (23) (23) (23) (24) (24) (25) (26) (27) (28) (29) (29) (20) (21) (22) (23) (23) (24) (24) (25) (26) (27) (28) (29) (20) (21) (22) (23) (24) (24) (25) (26) (27) (28) (29) (20) (20) (20) (20) (20) (20) (20) (20) (21) (22) (23) (24) (25) <t< td=""><td>18 19 20 21 22 22A 23 24 25 25A 26 27 28 29 30 31</td><td>9/2/ * * *</td><td>10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-233 74-212 74-233 74-211 74-234 74-220 98-8115 74-123 98-0190 74-219 74-216</td><td>DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring Ball Seat 1/2" SS Ball Ball Cage - Upper Pump Rod Assembly</td></t<>	18 19 20 21 22 22A 23 24 25 25A 26 27 28 29 30 31	9/2/ * * *	10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-233 74-212 74-233 74-211 74-234 74-220 98-8115 74-123 98-0190 74-219 74-216	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring Ball Seat 1/2" SS Ball Ball Cage - Upper Pump Rod Assembly
EM NO. 1 2 3 4 5 6 7 8 9 10 10A 11 12 13 14 14A	Lov (() *	wer \$ U" - \ P" - \ P" - \ I I I I I I I I I I I I I I I I I I I	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-0291 74-213 74-217 98-8132 98-8136 74-210-B 74-210-B 74-213 74-213 74-239 74-210-A 98-7140 74-231 74-228 74-232	(23) (23) (23) (23) (24) (24) (27) (27) (28) (29) (29) (20) (21) (22) (23) (24) (24) (25) (26) (27) (28) (29) (29) (21) (22) (23) (23) (24) (24) (24) (24) (24) (24) (25) (26) (27) (27) (27) (28) (29) (29) (20) (20) (20) (20) (20) (20) (20) (20) (20) (20) (20) <t< td=""><td>18 19 20 21 22 22A 23 24 25 25A 26 27 28 29 30 31 32</td><td>9/2/ * * *</td><td>10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-233 74-212 74-233 74-211 74-234 74-234 74-220 98-8115 74-123 98-0190 74-219 74-216 74-241</td><td>DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring Ball Seat 1/2" SS Ball Ball Cage - Upper Pump Rod Assembly Clevis Pin</td></t<>	18 19 20 21 22 22A 23 24 25 25A 26 27 28 29 30 31 32	9/2/ * * *	10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-233 74-212 74-233 74-211 74-234 74-234 74-220 98-8115 74-123 98-0190 74-219 74-216 74-241	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring Ball Seat 1/2" SS Ball Ball Cage - Upper Pump Rod Assembly Clevis Pin
EM NO. 1 2 3 4 5 6 7 8 9 10 10A 11 12 13 14 14A 15	Lov (() *	wer \$ U" - \ P" - \ P" - \ ATY 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-8027 98-8027 98-8132 98-8132 98-8136 74-217 98-8132 98-8136 74-213 74-210-B 74-243 74-231 74-231 74-231 74-232 98-0261	(23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (23) (24) (24) (24) (24) (24) (24) (24) (24) (24) (24) (24) (24) (24) (24) (24) (24) (25) (26) (27) (28) (29) (20) (20) (21) (22) (23) (24) (25) (26) (26) (26) (26) (26) (26) (26) (26) (26) <t< td=""><td>18 19 20 21 22 22A 23 24 25 25A 26 27 28 29 30 31 32 33</td><td>9/2/ * * *</td><td>10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-233 74-212 74-233 74-211 74-234 74-234 74-220 98-8115 74-123 98-0190 74-219 74-216 74-211 98-0314</td><td>DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring Ball Seat 1/2" SS Ball Ball Cage - Upper Pump Rod Assembly Clevis Pin E-Clip</td></t<>	18 19 20 21 22 22A 23 24 25 25A 26 27 28 29 30 31 32 33	9/2/ * * *	10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-233 74-212 74-233 74-211 74-234 74-234 74-220 98-8115 74-123 98-0190 74-219 74-216 74-211 98-0314	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper O-Ring Ball Seat 1/2" SS Ball Ball Cage - Upper Pump Rod Assembly Clevis Pin E-Clip
EM NO. 1 2 3 4 5 6 7 8 9 10 10A 11 12 13 14 14A	Lov (() *	wer \$ U" - \ P" - \ P" - \ I I I I I I I I I I I I I I I I I I I	Seal U Cup V Packing PART NO. 74-218 74-222 74-224 74-223 98-8027 98-0291 74-213 74-217 98-8132 98-8136 74-210-B 74-210-B 74-213 74-213 74-239 74-210-A 98-7140 74-231 74-228 74-232	(23) (23) (23) (23) (24) (24) (27) (27) (28) (29) (29) (20) (21) (22) (23) (24) (24) (25) (26) (27) (28) (29) (29) (21) (22) (23) (23) (24) (24) (24) (24) (24) (24) (25) (26) (27) (27) (27) (28) (29) (29) (20) (20) (20) (20) (20) (20) (20) (20) (20) (20) (20) <t< td=""><td>18 19 20 21 22 22A 23 24 25 25A 26 27 28 29 30 31 32</td><td>9/2/ * * *</td><td>10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-233 74-212 74-233 74-211 74-234 74-234 74-220 98-8115 74-123 98-0190 74-219 74-216 74-241</td><td>DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper Seat Retainer - Upper O-Ring Ball Seat 1/2" SS Ball Ball Cage - Upper Pump Rod Assembly Clevis Pin</td></t<>	18 19 20 21 22 22A 23 24 25 25A 26 27 28 29 30 31 32	9/2/ * * *	10 QTY 1 1 1 1 1 1 1 1 1 1 1 1 1	PART NO. 74-237 74-238 74-221 98-8131 74-214 74-214 74-235 74-242 74-233 74-212 74-233 74-211 74-234 74-234 74-220 98-8115 74-123 98-0190 74-219 74-216 74-241	DESCRIPTION Gasket Retainer - Sight Window Seal Plate O-Ring Seal Pack V-Packing Set (Opt. Manual Adj.) Upper Bushing Seal Carrier - Upper Seal Retainer Nut Packing Adjuster Seat Retainer - Upper Seat Retainer - Upper O-Ring Ball Seat 1/2" SS Ball Ball Cage - Upper Pump Rod Assembly Clevis Pin

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TEM NO.	. *	Ω ΤΥ	PART NO.	DESCRIPTION	ITEM NO.	*	QTY	36 37 PART NO.	38 DESCRIPTION
TEM NO .	*	QTY 4	PART NO . 98-0312		ITEM NO. 22	*	QTY	37 W	
	*			DESCRIPTION		*		97 PART NO.	DESCRIPTION
1	*	4	98-0312	DESCRIPTION 1/4-20 Socket HD. Cap Screw	22	*	1	PART NO. 98-0311	DESCRIPTION Snap Ring
1 2	*	4	98-0312 75-268	DESCRIPTION 1/4-20 Socket HD. Cap Screw Valve Cap	22 23	*	1	PART NO. 98-0311 75-229	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly
1 2 3		4 1 4	98-0312 75-268 98-5057	DESCRIPTION 1/4-20 Socket HD. Cap Screw Valve Cap O-Ring	22 23 24	*	1 1 1	PART NO. 98-0311 75-229 98-7019	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring
1 2 3 4		4 1 4 10	98-0312 75-268 98-5057 98-7015	DESCRIPTION 1/4-20 Socket HD. Cap Screw Valve Cap O-Ring O-Ring Spool Seat	22 23 24 25	*	1 1 1 1	98-0311 75-229 98-7019 75-213	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head
1 2 3 4 5		4 1 4 10 2	98-0312 75-268 98-5057 98-7015 75-262	DESCRIPTION 1/4-20 Socket HD. Cap Screw Valve Cap O-Ring O-Ring	22 23 24 25 26	*	1 1 1 1 2	PART NO. 98-0311 75-229 98-7019 75-213 98-7049	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head O-Ring
1 2 3 4 5 6		4 1 4 10 2 1	98-0312 75-268 98-5057 98-7015 75-262 75-267	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingSpool SeatUpper Valve Body	22 23 24 25 26 27	*	1 1 1 1 2 1	98-0311 75-229 98-7019 75-213 98-7049 75-211	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head O-Ring Air Cylinder
1 2 3 4 5 6 7		4 1 4 10 2 1 1	98-0312 75-268 98-5057 98-7015 75-262 75-267 75-266	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingSpool SeatUpper Valve BodyCenter Valve Body	22 23 24 25 26 27 28	*	1 1 1 1 2 1 1	PART NO. 98-0311 75-229 98-7019 75-213 98-7049 75-211 75-225	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head O-Ring Air Cylinder Air Transfer Tube
1 2 3 4 5 6 7 8		4 1 4 10 2 1 1 1 1	98-0312 75-268 98-5057 98-7015 75-262 75-267 75-266 98-0166	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingSpool SeatUpper Valve BodyCenter Valve BodyAir Inlet FittingMagnet Assembly	22 23 24 25 26 27 28 29	*	1 1 1 1 2 1 1 1 1	9ART NO. 98-0311 75-229 98-7019 75-213 98-7049 75-221 75-225 75-212 98-0316	DESCRIPTIONSnap RingTrip Rod Seal Cartridge AssemblyO-RingCylinder HeadO-RingAir CylinderAir Transfer TubeCylinder HeadVasher
1 2 3 4 5 6 7 8 9 10		4 1 4 10 2 1 1 1 1 2	98-0312 75-268 98-5057 98-7015 75-262 75-267 75-266 98-0166 75-260 75-265	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingO-RingSpool SeatUpper Valve BodyCenter Valve BodyAir Inlet Fitting	22 23 24 25 26 27 28 29 30 31	*	1 1 1 2 1 1 1 1 4	37 97 PART NO. 98-0311 75-229 98-7019 75-213 98-7049 75-211 75-2211 75-225 75-212 98-0316 98-0177	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head O-Ring Air Cylinder Air Transfer Tube Cylinder Head
1 2 3 4 5 6 7 8 9 10 11		4 1 4 10 2 1 1 1 1 2 1	98-0312 75-268 98-5057 98-7015 75-262 75-267 75-266 98-0166 75-260 75-265 98-0114	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingSpool SeatUpper Valve BodyCenter Valve BodyCenter Valve BodyAir Inlet FittingMagnet AssemblyLow er Valve Body1/4-28 x 1/4" LG Set Screw	22 23 24 25 26 27 28 29 30 31 32	*	1 1 1 2 1 1 1 4 4 4	97 97 98-0311 75-229 98-7019 75-213 98-7049 75-211 75-225 75-212 98-0316 98-0177 98-0293 98-0293	DESCRIPTIONSnap RingTrip Rod Seal Cartridge AssemblyO-RingCylinder HeadO-RingAir CylinderAir CylinderAir Transfer TubeCylinder HeadWasherLock WasherJ/8-16 Hex HD. Bolt
1 2 3 4 5 6 7 8 9 10 11 12	*	4 1 4 10 2 1 1 1 2 1 1 2 1 1 4	98-0312 75-268 98-5057 98-7015 75-262 75-267 75-266 98-0166 75-260 75-265 98-0114 98-6112	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingSpool SeatUpper Valve BodyCenter Valve BodyAir Inlet FittingMagnet AssemblyLow er Valve Body1/4-28 x 1/4" LG Set ScrewO-Ring (Material = BUNA-N)	22 23 24 25 26 27 28 29 30 31 31 32 33	* * *	1 1 1 2 1 1 1 1 4 4 4 1	98-0311 75-229 98-7019 75-213 98-7049 75-211 75-225 75-212 98-0316 98-0293 98-7030	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head O-Ring Air Cylinder Air Transfer Tube Cylinder Head Washer Lock Washer 3/8-16 Hex HD. Bolt O-Ring
1 2 3 4 5 6 7 8 9 10 11 12 13	*	4 1 4 10 2 1 1 1 1 2 1 1 1 4 1	98-0312 75-268 98-5057 98-7015 75-262 75-267 75-266 98-0166 75-260 75-265 98-0114 98-6112 75-269	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingSpool SeatUpper Valve BodyCenter Valve BodyAir Inlet FittingMagnet AssemblyLow er Valve Body1/4-28 x 1/4" LG Set ScrewO-Ring (Material = BUNA-N)Valve Spool	22 23 24 25 26 27 28 29 30 31 31 32 33 34	* * * * * *	1 1 1 2 1 1 1 4 4 4 4 1 1	97 97 98-0311 75-229 98-7019 75-213 98-7049 75-211 75-225 75-212 98-0316 98-0177 98-0293 98-7030 75-235 75-235	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head O-Ring Air Cylinder Air Transfer Tube Cylinder Head Washer Lock Washer 3/8-16 Hex HD. Bolt O-Ring Motor Rod Seal Cartridge Assembly
1 2 3 4 5 6 7 8 9 10 11 12 13 14	*	4 1 4 10 2 1 1 1 2 1 1 2 1 1 4 1 1 1	98-0312 75-268 98-5057 98-7015 75-262 75-267 75-266 98-0166 75-265 98-0114 98-6112 75-269 75-271	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingSpool SeatUpper Valve BodyCenter Valve BodyAir Inlet FittingMagnet AssemblyLow er Valve Body1/4-28 x 1/4" LG Set ScrewO-Ring (Material = BUNA-N)Valve SpoolSpool Spacer	22 23 24 25 26 27 28 29 30 31 31 32 33 34 35	* * * * * *	1 1 1 2 1 1 1 1 4 4 4 4 1 1 1 1	97 98-0311 75-229 98-7019 75-213 98-7049 75-211 75-225 75-212 98-0316 98-0293 98-7030 75-225	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head O-Ring Air Cylinder Air Transfer Tube Cylinder Head Washer Lock Washer 3/8-16 Hex HD. Bolt O-Ring Motor Rod Seal Cartridge Assembly
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	*	4 1 4 10 2 1 1 1 2 1 1 4 1 1 1 1 1 1 1 1 1 1	98-0312 75-268 98-5057 98-7015 75-262 75-267 75-266 98-0166 75-265 98-0114 98-6112 75-269 75-271 75-261	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingSpool SeatUpper Valve BodyCenter Valve BodyCenter Valve BodyAir Inlet FittingMagnet AssemblyLow er Valve Body1/4-28 x 1/4" LG Set ScrewO-Ring (Material = BUNA-N)Valve SpoolSpool SpacerSpool Shuttle	22 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36	* * * * * *	1 1 1 2 1 1 1 4 4 4 4 1 1 1 1 4	PART NO. 98-0311 75-229 98-7019 75-213 98-7049 75-211 75-225 75-212 98-0316 98-0177 98-0293 98-7030 75-221 98-7030 75-221 98-7030 75-221 98-0317	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head O-Ring Air Cylinder Air Cylinder Air Transfer Tube Cylinder Head Washer Lock Washer 3/8-16 Hex HD. Bolt O-Ring Motor Rod Seal Cartridge Assembly Coupling, Seal Retainer Washer
1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16	*	4 1 4 10 2 1 1 1 2 1 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1	98-0312 75-268 98-5057 98-7015 75-262 75-267 75-266 98-0166 75-265 98-0114 98-6112 75-269 75-261 75-261	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingSpool SeatUpper Valve BodyCenter Valve BodyAir Inlet FittingMagnet AssemblyLow er Valve Body1/4-28 x 1/4" LG Set ScrewO-Ring (Material = BUNA-N)Valve SpoolSpool SpacerSpool ShuttleTrip Rod	22 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37	* * * * * *	1 1 1 2 1 1 1 4 4 4 4 1 1 1 1 1 4 4 4	98-0311 75-229 98-7019 75-213 98-7049 75-211 75-225 75-212 98-0316 98-0293 98-7030 75-225 75-212 98-0316 98-0177 98-0293 98-7030 75-221 98-0317 98-0206	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head O-Ring Air Cylinder Air Cylinder Air Transfer Tube Cylinder Head Washer Lock Washer 3/8-16 Hex HD. Bolt O-Ring Motor Rod Seal Cartridge Assembly Coupling, Seal Retainer Washer Lock Washer
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	*	4 1 4 10 2 1	98-0312 75-268 98-5057 98-7015 75-262 75-267 75-266 98-0166 75-265 98-0114 98-6112 75-269 75-271 75-261 75-217 98-0310	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingSpool SeatUpper Valve BodyCenter Valve BodyAir Inlet FittingMagnet AssemblyLow er Valve Body1/4-28 x 1/4" LG Set ScrewO-Ring (Material = BUNA-N)Valve SpoolSpool SpacerSpool ShuttleTrip RodSnap Ring	22 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38	* * * * * *	1 1 1 2 1 1 1 4 4 4 1 1 1 1 1 4 4 4 4 4	37 97 PART NO. 98-0311 75-229 98-7019 75-213 98-7049 75-211 75-221 75-212 98-0316 98-0177 98-0293 98-7030 75-235 75-221 98-0317 98-0317 98-0206 98-0154	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head O-Ring Air Cylinder Air Transfer Tube Cylinder Head Washer Lock Washer 3/8-16 Hex HD. Bolt O-Ring Motor Rod Seal Cartridge Assemble Coupling, Seal Retainer Washer Lock Washer Johr Rod Seal Cartridge Assemble Coupling, Seal Retainer Washer Lock Washer Souther Coupling, Seal Retainer Washer Lock Washer Souther Souther Souther Souther Lock Washer Lock Washer Lock Washer Souther
1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16 17 18	*	4 1 4 10 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	98-0312 75-268 98-5057 98-7015 75-262 75-267 75-266 98-0166 75-265 98-0114 98-6112 75-269 75-261 75-261 75-261 75-217 98-0310 75-226	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingSpool SeatUpper Valve BodyCenter Valve BodyAir Inlet FittingMagnet AssemblyLow er Valve Body1/4-28 x 1/4" LG Set ScrewO-Ring (Material = BUNA-N)Valve SpoolSpool SpacerSpool ShuttleTrip RodSnap RingTrip Spacer	22 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38 39	* * * * * *	1 1 1 2 1 1 1 4 4 4 4 1 1 1 4 4 4 4 4 1 1	9ART NO. 98-0311 75-229 98-7019 75-213 98-7049 75-211 75-225 75-212 98-0316 98-0293 98-7030 75-221 98-0293 98-7030 75-221 98-0317 98-0317 98-0317 98-0206 98-0154 75-235	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head O-Ring Air Cylinder Air Cylinder Air Transfer Tube Cylinder Head Washer Lock Washer 3/8-16 Hex HD. Bolt O-Ring Motor Rod Seal Cartridge Assemble Coupling, Seal Retainer Washer Lock Washer Scholl Retainer For the top t
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	*	4 1 4 10 2 1	98-0312 75-268 98-5057 98-7015 75-262 75-267 75-266 98-0166 75-265 98-0114 98-6112 75-269 75-271 75-261 75-217 98-0310	DESCRIPTION1/4-20 Socket HD. Cap ScrewValve CapO-RingO-RingSpool SeatUpper Valve BodyCenter Valve BodyAir Inlet FittingMagnet AssemblyLow er Valve Body1/4-28 x 1/4" LG Set ScrewO-Ring (Material = BUNA-N)Valve SpoolSpool SpacerSpool ShuttleTrip RodSnap Ring	22 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38	* * * * * * * * * * * * * * * * * * * *	1 1 1 2 1 1 1 1 4 4 1 1 4 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4	37 97 PART NO. 98-0311 75-229 98-7019 75-213 98-7049 75-211 75-221 75-212 98-0316 98-0177 98-0293 98-7030 75-235 75-221 98-0317 98-0317 98-0206 98-0154	DESCRIPTION Snap Ring Trip Rod Seal Cartridge Assembly O-Ring Cylinder Head O-Ring Air Cylinder Air Cylinder Air Transfer Tube Cylinder Head Washer Lock Washer 3/8-16 Hex HD. Bolt O-Ring Motor Rod Seal Cartridge Assembly Coupling, Seal Retainer Washer Lock Washer Scoupling, Seal Retainer Vasher Lock Washer

HAZARD WARNINGS

General safety

The *C-20 AAA* system is intended to be used by professional personnel only. Everyone using this equipment should read and understand all safety warnings.

Do not exceed the maximum working pressure of this equipment. MAXIMUM WORKING PRESSURE IS 1500 PSI FLUID PRESSURE (107 psi to air motor).

Do not modify this equipment.

Always relieve fluid pressure to 0 psi before preforming maintenance.

Make sure all fluid connections are tight before operating this equipment

Operate this equipment only in a well ventilated area to prevent build up of toxic and or flammable fumes.

Fluid injection hazard

High fluid pressure can cause serious injury if injected into skin.

NEVER aim the spray gun at part of the body or at anyone.

NEVER put a hand or fingers on or near a leaking hose, hose connection or the gun spray tip.

ALWAYS use gun fluid shut off knob when not spraying.

IF FLUID INJECTION SHOULD OCCUR, IMMEDIATELY SEEK MEDICAL ATTENTION!

Toxic fume and fluid hazard

Inhalation of toxic fumes and skin exposure to some chemicals can be a serious health hazard.

Read all manufactureres information for the material being sprayed, including material safety data sheets (MSDS sheets) and warnings.

Be sure recommended protective clothing and eye protection are used.

Wear a respirator or particle mask appropriate for material being sprayed.

Store all materials and solvents in accordance with manufacturers recommendations and local, and state safety codes.

Possible fire or explosion Hazard

Static sparks can cause fire or explosion.

The *C-20 AAA* system is equipped with a grounding wire. Connect this wire to an appropriate earth ground source. Also ground objects being sprayed.

DO NOT operate this equipment near pilot lights, open flames or anyone smoking.

Keep spray area clear and free of combustible debris.

Training videos are available at: http://www.spraycat.com/trainingvideos.html

Revised 10/3/14