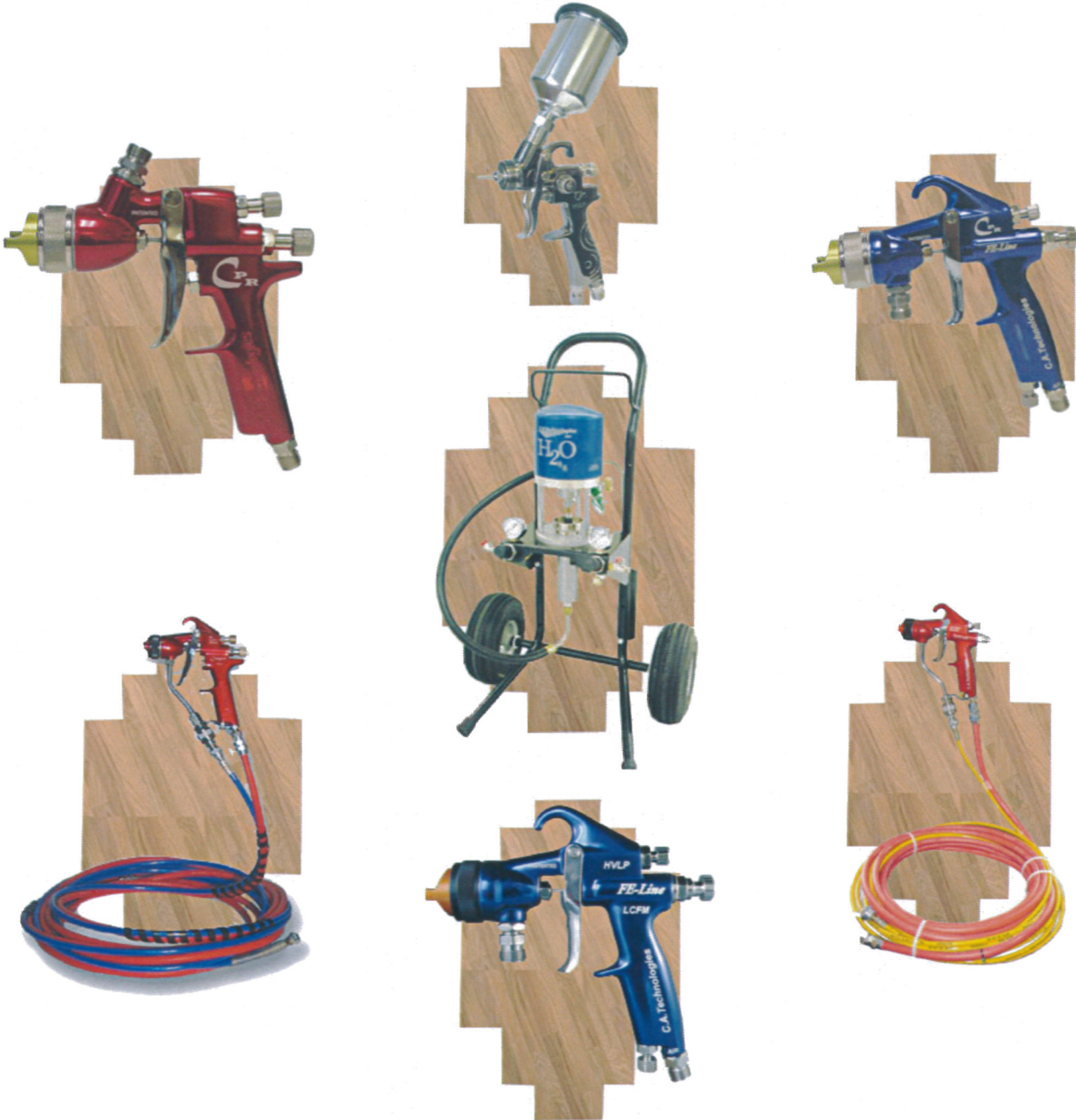


# C.A. Technologies

Set-Up Recommendations for

**M.L. CAMPBELL**

WOOD FINISHING SYSTEMS



*Spray Equipment Guide*  
*BOULDER - COLORADO - USA*  
*2009/2010*

# Superior Spray Systems From C.A. Technologies



Made in USA

## C.A.T. AAA configurations



**Cougar**

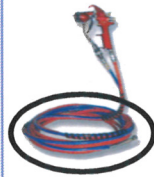
The C.A. Technologies 14:1 Air Assist Airless Pump can now be supplied with either the Cougar or the Bobcat AAA spray guns. The Cougar outfits will come standard with 3/16" fluid hose and 1/4" air hose (53-402A) and be designated by the part # OC14. The Bobcat outfits feature the new lightweight ergonomic design with ultra light trigger pull / this outfit will come standard with the new 1/8" fluid hose and 1/4" air hose (53-404A) and be designated by the part # OB14.



**Bobcat**



CATOC14 or OB14  
CART MOUNT UNIT



CAT53-402A or CAT53-404A  
AAA 25' HOSE SET  
(Available in 50' and 100' sets)



CATOC14-W5/  
CATOB14-W5  
WALL MOUNT  
(5 gal siphon hose)

CATOC14-W55/  
CATOB14-W55  
WALL MOUNT  
(55 gal siphon hose)



**PORTABLE AIR ASSIST AIRLESS UNIT**  
YOU WONT FIND ANOTHER UNIT THAT  
COMPARES TO THE C.A.TECH  
**AIR ASSIST AIRLESS ANYWHERE**



CATOC14-PC or CATOB14-PC  
Portable Air Assist Airless



## CPR CAT Pressure Reduced

The CPR spray guns from CAT combine the transfer efficiency of HVLP with the speed and finish quality of conventional air spray. The nozzle requires 11 cfm at 29psi recommended inlet pressure. The CPR guns are available in both the pressure and gravity versions and include the new CPR air cap and the HVLP air cap, along with 3 different needle and nozzle sizes, multi-purpose wrench, nozzle wrench, cleaning brush and mini regulator. These kits will also be available with our standard pressure and gravity cups or the popular 3M PPS.



## FE-LINE LCFM

The FE-Line LCFM HVLP gun is our low CFM lightweight ergonomic spray gun. The FE-Line LCFM's standard setup will be 1.3 x 1090. This setup is designed for use with a low air consumption compressor. The 1090 air cap only uses 6cfm, which enables the FE-Line LCFM to be operated with a 2hp compressor. The FE-Line's lightweight ergonomic design also reduces fatigue and increases mobility.



## TJR. GLAZE KIT

The Glaze Tjr. kit from CAT is intended to give finishers the option of being able to spray their glaze on the surface-great for shading or lay a bead of material with precision. The New Glaze nozzle works without air and simply allows you to lay the smallest bead of material on your surface great for placing the glaze in raised door panels or special projects.



# Set-Up Recommendations for



WOOD FINISHING SYSTEMS

	GUN / TECHNOLOGY	TIP/AIR CAP	AIR PRES	FLUID PRES
<b>CLEAR TOPCOATS (POST-CATALYZED)</b>				
<b>KRYSTAL</b>	CP-FELCFM	1.3 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 25-30 SECONDS	CPR	1.3 X 2101	29 PSI	5-7 PSI
	CPR-G-W	1.3 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	411	15-18 PSI	420 PSI
<b>KLEARVAR</b>	CP-FELCFM	1.3 X 1090	15 PSI	4-6 PSI
VISCOSITY FORD #4 15-19 SECONDS	CPR	1.3 X 2101	29 PSI	4-6 PSI
	CPR-G-W	1.3 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	411	15-18 PSI	375 PSI
<b>DURAVAR</b>				
VISCOSITY FORD #4 25-30 SECONDS	CP-FELCFM	1.3 X 1090	15 PSI	5-7 PSI
	CPR	1.3 X 2101	29 PSI	5-7 PSI
	CPR-G-W	1.3 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	411	15-18 PSI	375 PSI
<b>SEALER (POST-CATALYZED)</b>				
<b>KRYSTAL SEALER</b>	CP-FELCFM	1.3 X 1090	15 PSI	4-6 PSI
VISCOSITY FORD #4 23-30 SECONDS	CPR	1.3 X 2101	29 PSI	4-6 PSI
	CPR-G-W	1.3 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	411	15-18 PSI	375 PSI
<b>CLEAR TOPCOATS (PRE-CATALYZED)</b>				
<b>MAGNAKLEAR</b>	CP-FELCFM	1.3 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 25-30 SECONDS	CPR	1.3 X 2101	29 PSI	5-7 PSI
	CPR-G-W	1.3 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	411	15-18 PSI	420 PSI
<b>MAGNAMAX</b>	CP-FELCFM	1.3 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 25-30 SECONDS	CPR	1.3 X 2101	29 PSI	5-7 PSI
	CPR-G-W	1.3 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	411	15-18 PSI	420 PSI
<b>MAGNALAC</b>	CP-FELCFM	1.3 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 25-30 SECONDS	CPR	1.3 X 2101	29 PSI	5-7 PSI
	CPR-G-W	1.3 X 2101	29 PSI	GRAVITY

# Set-Up Recommendations for



WOOD FINISHING SYSTEMS

	GUN / TECHNOLOGY	TIP/AIR CAP	AIR PRES	FLUID PRES
<b>SEALER (PRE-CATALYZED)</b>				
<b>MAGNASAND SEALER</b>	CP-FELCFM	1.3 X 1090	15 PSI	4-6 PSI
VISCOSITY FORD #4 20-25 SECONDS	CPR	1.3 X 2101	29 PSI	4-6 PSI
	CPR-G-W	1.3 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	411	15-18 PSI	375 PSI
<b>SEALER (VINYL)</b>				
<b>Water White Vinyl Sealer</b>	CP-FELCFM	1.3 X 1090	15 PSI	4-6 PSI
VISCOSITY FORD #4 13-18 SECONDS	CPR	1.3 X 2101	29 PSI	4-6 PSI
	CPR-G-W	1.3 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	411	15-18 PSI	350
<b>Pigmented Topcoats (POST-CATALYZED)</b>				
<b>RESISTANT</b>	CP-FELCFM	1.7 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 30-35 SECONDS	CPR	1.7 X 2101	29 PSI	5-7 PSI
	CPR-G-W	2.2 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	409	15-18 PSI	560 PSI
<b>STEALTH</b>	CP-FELCFM	1.7 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 30-35 SECONDS	CPR	1.7 X 2101	29 PSI	5-7 PSI
	CPR-G-W	2.2 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	409	15-18 PSI	560 PSI
<b>Pigmented Topcoats (PRE-CATALYZED)</b>				
<b>MAGNAMAX WHITE/OPAQUE BASE</b>	CP-FELCFM	1.3 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 30-35 SECONDS	CPR	1.3 X 2101	29 PSI	5-7 PSI
	CPR-G-W	2.2 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	411	15-18 PSI	490 PSI
<b>Primers/Undercoaters (POST-CATALYZED)</b>				
<b>CLAWLOCK</b>	CP-FELCFM	1.7 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 40-50 SECONDS	CPR	1.7 X 2101	29 PSI	5-7 PSI
	CPR-G-W	2.2 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	409	15-18 PSI	560 PSI
<b>LEVEL PRIMER</b>	CP-FELCFM	1.7 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 40-50 SECONDS	CPR	1.7 X 2101	29 PSI	5-7 PSI
	CPR-G-W	2.2 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	409	15-18 PSI	560 PSI

# Set-Up Recommendations for



WOOD FINISHING SYSTEMS

	GUN / TECHNOLOGY	TIP/AIR CAP	AIR PRES	FLUID PRES
<b>Primers/Undercoaters (PRE-CATALYZED)</b>				
<b>MAGNACLAW</b>	CP-FELCFM	1.3 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 40-50 SECONDS	CPR	1.3 X 2101	29 PSI	5-7 PSI
	CPR-G-W	1.7 X 2101	29 PSI	GRAVITY
	OC14 OR OB14	411	15-18 PSI	490 PSI
<b>Stains/Dyes</b>				
<b>AMAZING STAIN</b>	TJR	1.2	10 PSI	GRAVITY
	CPR-G-W	1.0 X 1301	12-15 PSI	GRAVITY
	CP-FELCFM	.8 X 1090	8-10 PSI	2-4 PSI
	CPR	.8 X 2101	12-16 PSI	2-4 PSI
<b>WoodSong II™ 2.5% Spray Only Stain Base</b>	TJR	1.2	10 PSI	GRAVITY
	CPR-G-W	1.0 X 1301	12-15 PSI	GRAVITY
	CP-FELCFM	.8 X 1090	8-10 PSI	2-4 PSI
	CPR	.8 X 2101	12-16 PSI	2-4 PSI
<b>Microton™ Dyes</b>	TJR	1.2	10 PSI	GRAVITY
VISCOSITY FORD #4 8-9 SECONDS	CPR-G-W	1.0 X 1301	12-15 PSI	GRAVITY
	CP-FELCFM	.8 X 1090	8-10 PSI	2-4 PSI
	CPR	.8 X 2101	12-16 PSI	2-4 PSI
<b>Glazes</b>				
<b>Vintage® Alkyd Glaze</b>	TJR-GLAZE	GLAZE TIP	0 PSI	GRAVITY
VISCOSITY FORD #4 15-17 SECONDS	TJR	1.2	10 PSI	GRAVITY
	CPR-G-W	1.0 X 1301	12-15 PSI	GRAVITY
<b>Amazing Glaze®</b>				
VISCOSITY FORD #4 9-11 SECONDS	TJR-GLAZE	GLAZE TIP	0 PSI	GRAVITY
	TJR	1.2	10 PSI	GRAVITY
	CPR-G-W	1.0 X 1301	12-15 PSI	GRAVITY
	CP-FELCFM	.8 X 1090	8-10 PSI	2-4 PSI
	CPR	.8 X 2101	12-16 PSI	2-4 PSI

# Set-Up Recommendations for



	GUN / TECHNOLOGY	TIP/AIR CAP	AIR PRES	FLUID PRES
<b>Water Borne Products</b>				
<b>CLEAR TOPCOATS (POST-CATALYZED)</b>				
<b>AGUABARNICE</b>	CP-FELCFM	1.3 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 35-45 SECONDS	H20-CPR	1.3 X 2101	29 PSI	5-7 PSI
	H20-CPR-G-W	1.3 X 2101	29 PSI	GRAVITY
	H20 OC14 OR OB14	409F	15-18 PSI	375 PSI
<b>CLEAR TOPCOATS (PRE-CATALYZED)</b>				
<b>AGUALENTE</b>	CP-FELCFM	1.3 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 35-45 SECONDS	H20-CPR	1.3 X 2101	29 PSI	5-7 PSI
	H20-CPR-G-W	1.3 X 2101	29 PSI	GRAVITY
	H20 OC14 OR OB14	409F	17 PSI	350 PSI
<b>Pigmented Topcoats (POST-CATALYZED)</b>				
<b>AGUABARNICE WHITE/OPAQUE BASE</b>	CP-FELCFM	1.3 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 35-45 SECONDS	H20-CPR	1.3 X 2101	29 PSI	5-7 PSI
	H20-CPR-G-W	1.3 X 2101	29 PSI	GRAVITY
	H20 OC14 OR OB14	409F	15-18 PSI	375 PSI
<b>CLEAR TOPCOATS (PRE-CATALYZED)</b>				
<b>AGUALENTE WHITE/OPAQUE BASE</b>	CP-FELCFM	1.3 X 1090	15 PSI	5-7 PSI
VISCOSITY FORD #4 35-45 SECONDS	H20-CPR	1.3 X 2101	29 PSI	5-7 PSI
	H20-CPR-G-W	1.5 X 2101	29 PSI	GRAVITY
	H20 OC14 OR OB14	409F	17 PSI	350 PSI
<b>Primers/Undercoaters (PRE-CATALYZED)</b>				
<b>Agualente® Stain Blocking Primer</b>	CP-FELCFM	1.3 X 1090	15 PSI	7-9 PSI
VISCOSITY FORD #4 40-50 SECONDS	H20-CPR	1.3 X 2101	29 PSI	7-9 PSI
	H20-CPR-G-W	1.7 X 2101	29 PSI	GRAVITY
	H20 OC14 OR OB14	409F	17 PSI	350 PSI
<b>Stains/Dyes</b>				
<b>WoodSong II™ Water Borne Stain Bas</b>	TJR	1.2	10 PSI	GRAVITY
	CPR-G-W	1.0 X 1301	12-15 PSI	GRAVITY
<b>Glazes</b>				
<b>Water Borne Glaze</b>	TJR-GLAZE W/P-CUP	GLAZE TIP	0 PSI	5-7 PSI
	TJR W/PRES-CUP	1.4	10 PSI	5-7 PSI

# For All Your Water Bourne Needs **H<sub>2</sub>O**

## H2O-CPR

- Available in gravity and pressure kits
- Stainless Steel Fluid Passages
- Patented 12 point atomization
- Includes 3 needle & nozzle sizes
- Includes HVLP and Compliant air caps
- Available with 3M PPS pressure cup system



## H2O-Air Assist Airless

CAT is pleased to announce that our new waterborne equipment is available. We have labeled the equipment for this application so customers will not confuse the solvent based and water based units in their shops. The H2O AAA units help reduce the sheering of materials, eliminating many of the problems associated with spraying waterborne coatings.

### Pump designation:

Bobcat Outfits - H2O-OB14-C5-12-XXX-F

H2O-OB14-W5-12-XXX-F

Cougar Outfits - H2O-OC14-C5-12-XXX-F

H2O-OC14-W5-12-XXX-F

(replace xxx with preferred tip size)

### H2O AAA outfits will include the following:

Pre-atomizing fine finish opti-tip(36-xxx-F)

100 mesh gun handle filter

1/2" material pick-up tube

3/16" fluid hose with stainless steel couplings

Larger fluid passages



# CUPS and TANKS

C.A. TECHNOLOGIES

1qt PPS  
cup system



CAT91-481

Mini PPS(6flz)  
pressure cup



CAT91-488

1qt PPS  
pressure cup



CAT91-483

1qt pressure cup w/ reg  
for HVLP guns



CAT51-303R

2 quart outfits  
available with 5' air and fluid hoses



CAT51-130  
Economy 2 quart



CAT51-600  
Bandit 2 quart



CAT51-600A  
Bandit 2 quart w/ air agit



CAT51-672  
Anti-Tip Stand

Tank outfits  
available with 25' air and fluid hoses



CAT51-202  
2.5 gallon tank



CAT51-508  
5 gallon tankw/ hand agit



CAT51-504  
5 gallon tankw/ air agit

\*All tanks available in stainless steel versions

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www.sprayCAT.com