



Waterproofing Solutions



Turn-key Systems for Air Barrier & Above & Below Grade Waterproofing



About CJ Spray, Inc.

In 1995, CJ Spray started as a distributor/wholesaler of equipment to spray, meter, mix and dispense liquids servicing consumer, contractor and industrial markets.

We offer cost effective off-the-shelf solutions, or can design custom systems specific for your needs. After the sale we are here for training, service, and a huge parts inventory with same day shipping or delivery. For more information please visit www.cjspray.com.

Markets Served



Infrastructure

- Protective Coatings
- Mortar Repair
- Concrete Pumps
- Grout Injection



Architectural Coatings

- Spray Foam
- Waterproofing
- Air Barrier
- Roof Coatings



Roadways/Marking

- Bridge Coatings
- Pavement Marking
- Scarifying



Architectural Painting

- Residential Painting
- Industrial Painting
- Consumer DIY



Texture

- Drywall Mud
- FRP Manufacturing
- Acoustic Coatings
- Aggregated Products
- Fibrated Products
- Fireproofing



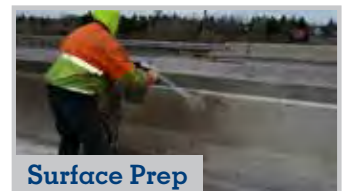
Sealant & Adhesive

- OEM Manufacturing
- Crack Filling
- Seam Sealing
- FRP
- RIM



Fine Finish Applications

- Porcelain Refinishing
- OEM Manufacturing
- Automotive
- Aviation
- Wood Finishing



Surface Prep

- Abrasive Blasting
- Pressure Washing
- Sanding
- Tumble Cleaning

Table of Contents

3-4	Recommended Applications Specs for equipment throughout this brochure
5-6	Heating Waterproofing Materials Why do we heat? How do we heat?
7-8	Commander Turn-key Waterproofing Spray System Designed for Pickup Truck Installation
9-10	Commander Flatbed Waterproofing Spray System Designed for Flat bed Truck Installation
11-18	MaxForce The Next Generation in Waterproofing Equipment
19-20	GH833 Packages Heated and Non-Heated Packages
21	GMAX 7900 Packages Non-Heated Packages
22	Mark IV/Mark V Graco Electric Sprayers
23-24	Co-Spray Spray a Multitude of Products in an Infinite Number of Applications
25-26	Accessories Guns, Hoses, Tip Extensions.. We've got all the Accessories You Need!
27	Hose Options for hose and hose fittings
28	HVLP Airless Use in Place of a Pump-Up Sprayer
29	Retrofit Make your existing sprayer a self-contained heated system
30	Air Heater Ambient air heater will keep your truck / trailer & material warm 24 hours a day

RECOMMENDED APPLICATIONS

	<i>Residential Waterproofing</i>	<i>Commercial Air Barrier</i>	<i>STPE Air Barriers</i>	<i>Self-Contained Heat</i>	<i>Max Pressure</i>	<i>Flow</i>	<i>Max Length Hose</i>	<i>Power</i>	<i>Weight</i>	<i>Air Compressor</i>
GMAX II 7900	•				3,300 psi	2.3 gpm	200 ft	Gas 6.5 HP Honda	250lbs	NA
GH833	•	•			4,000 psi	3.0 gpm	250 ft	Gas 13 HP Honda	350lbs	NA
GH933	•	•	•		7,250 psi	2.0 gpm	300 ft	Gas 13 HP Honda	350lbs	NA
Commander	•				3,300 psi	2.3 gpm	200 ft	Gas 6.5 HP Honda	1500lbs	NA
Commander Flatbed	•				3,300 psi	2.3 gpm	200 ft	Gas 6.5 HP Honda	1700 lbs	NA
MaxForce	•	•	•	•	4,000 psi 6,500 psi	3.0 gpm 2.0 gpm	250 ft	Gas 24 HP Kohler	425 lbs	NA
MaxForce Elite	•	•	•	•	4,000 psi 6,500 psi	3.0 gpm 2.0 gpm	250 ft 300 ft	Gas 24 HP Kohler	485 lbs	NA
MaxForce 2	•	•	•	•	4,000 psi 6,500 psi	3.0 gpm 2.0 gpm	250 ft 300 ft	Gas 18/24 HP Kohler	625 lbs	Yes
EH4020	•	•		•	4,000 psi	2.0 gpm	250 ft	Electric	250 lbs	Optional
EH4030	•	•		•	4,000 psi	3.0 gpm	250 ft	Electric	800 lbs	Optional
EH7020	•	•	•	•	7,250 psi	2.0 gpm	300 ft	Electric	750 lbs	Optional
NXT	•	•	•		4,000 psi 7,250 psi	3.0 gpm 2.0 gpm	250 ft 300 ft	Pneumatic 90 cfm	225 lbs	NA
GH4020	•	•			4,000 psi	2.0 gpm	250 ft	Gas 13 HP Honda	610 lbs	Yes

Residential Waterproofing

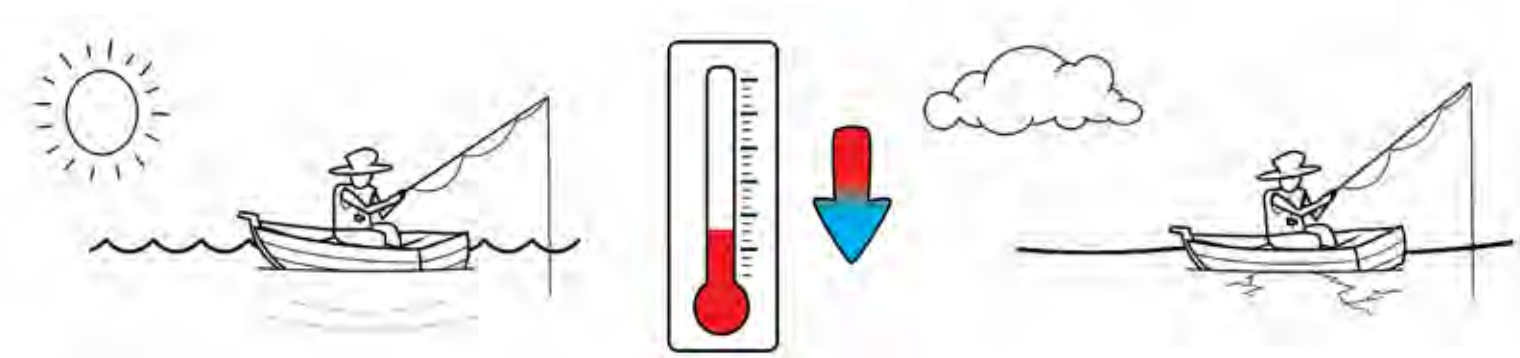


Commercial Air & Vapor Barrier



Heating Waterproofing Materials

Does your material require heat?



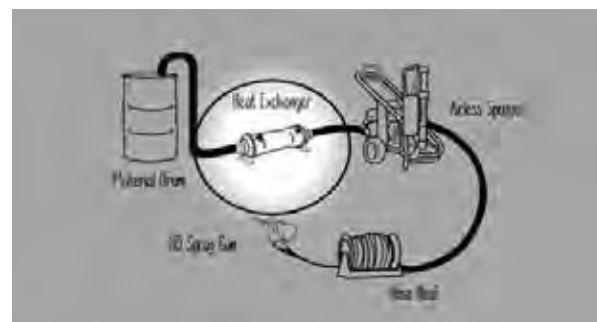
Waterproofing Material Thickens As It Cools

All liquids are not the same and will thicken at different rates depending on variants to temperature. Some materials require heat to be flowable and load the airless pump. Others need to be sprayed at higher temperatures to provide good fan patterns and reduce overspray.

How Do We Heat?

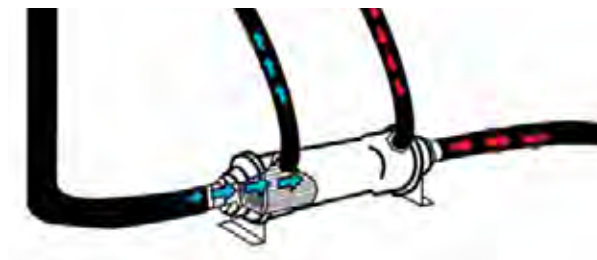
Tube-In-Shell Heat Exchanger

Tube-in-shell heat exchangers have been the ideal choice for the waterproofing industry as they are unrestrictive and have high temperature increase capabilities. They are installed between the material container and the inlet of the airless pump.



Hot Antifreeze

Their operation requires hot antifreeze that flows inside the outer shell that submerses multiple copper tubes that the waterproofing material passes through. These copper tubes cause very little restriction and provide a lot of surface area so as the waterproofing material enters cool, it exits hot.



Questions? Need Assistance? Call us toll-free at 1-888-CJSPRAY (257-7729)

Heat Source

The heat exchanger requires a hot coolant source for its operation. Contractor's have several options:

Vehicle's Engine Coolant Loop (Commander pg 7, Commander Flatbed pg 9, GH833 Heated System pg 19)

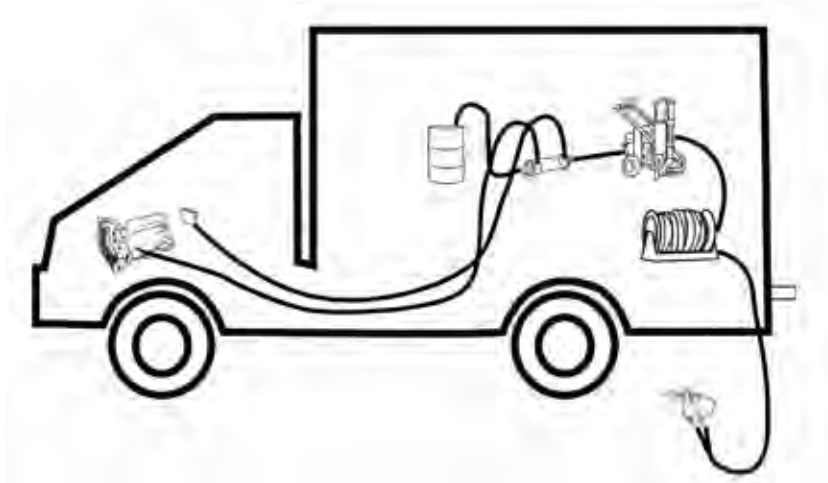
Install equipment into pick-up, flatbed, box truck, or cube van making the system semipermanent.

Pros

- Least upfront equipment investment
- Commander packages installed into trucks makes a small and nimble package

Cons

- Makes installation semipermanent and rigid confining the equipment to your truck/trailer
- Installation can be time consuming and difficult
- Vehicle must be running while spraying, increasing fuel costs, wear & tear on vehicle's engine and possibly violating anti-idling law, voiding vehicle warranty



Self Contained Heating Spray System (MaxForce, MaxForce Elite, MaxForce ACH)

Sprayer creates its own hot coolant making it a self-contained heated system

Pros

- No installation required
- Flexible - take it in and out of trucks, install in an enclosed trailer, or move around a job site
- Small liquid-cooled engine provides low daily fuel costs

Cons

- Higher initial equipment investment

Hydronic Heater (pg 29)

Generates hot coolant source to convert your existing spray system into a heated system

Pros

- Can be used with enclosed trailers
- Uses only .5 gallon of diesel fuel per 8 hours
- Utilize your existing equipment, reducing up-front investment

Cons

- Makes installation semipermanent and rigid confining the equipment to your truck/trailer
- Installation can be time consuming and difficult



COMMANDER

T90095-00 Commander

Turn-key Waterproofing Spray System Designed for Pickup Truck Installation

The Commander is designed specifically for the residential waterproofer or concrete contractor looking to waterproof their own foundations. It is a turn-key heated spray system that easily sprays all asphalt based elastomerics. Increase mobility and reduce startup costs by utilizing your 3/4 or 1 ton pickup truck. The Graco GMAX II 7900 airless sprayer provides high pressure and flow for maximum productivity while being supported by a nationwide network of over 770 service centers.

Commander Benefits

- ✔ Pickup truck mounted to navigate rugged job sites
- ✔ Heated tank preconditions material
- ✔ Powder-coated weatherproof enclosure
- ✔ Quick disconnects for coolant and electrical makes installation quick and easy
- ✔ Reliable high pressure Graco airless sprayer
- ✔ Intuitive control panel makes operation easy



Control Panel

All system controls in one convenient place and clearly labeled.

Tube-In-Shell Heat Exchanger

Up to 100° ΔT temperature rise with efficient tube-in-shell design. Uses coolant from pickup truck engine.

Hose Circulation

Warm insulated hose quickly by circulating hot material back to tank.



Graco GMAX II 7900

3300 psi, 2.2 gpm
Honda GX200 Engine
MaxLife Extreme-Duty Pump

Heated SST Tank

113 gal dimple jacketed tank to precondition material. Uses coolant from pickup truck engine.

Electric Hose Reel

Easily windup insulated hose. Located on curb side for safety.

Weatherproof Enclosure

- Three access doors mounted on gas shocks for easy access
- Fully insulated
- Powder coated black finish
- Forklift pockets and quick disconnects make loading and unloading easy



Ordering Information

T90095-00 Commander, Complete Includes SST Heated Tank, Heat Exchanger, Electric Hose Reel, 200 ft Insulated Scuff-Jacketed Hose, Heavy-Duty Inline Swivel, and Silver Plus Gun w/ XHD Tip

T90095-01 Commander, Complete w/ Co-Spray Kit Same as above PLUS Co-Spray Kit (Co-Spray Tank, Pump, Dual-Line Electric Hose Reel, 200 ft Insulated and Scuff-Jacketed Dual Hose Bundle and Co-Spray Silver Plus Gun)



Commander Flatbed designed for Turn-key Waterproofing Spray System Designed for Flatbed Truck Installation

- 113 Gallon or 230 gallon SST tank option
- Uses Graco's GH 230 pump
- 24" Tube-in-shell heat exchanger
- Electric hose reel w/ 150' scuff jacketed heat insulated hose
- Hose recirculation system
- Intuitive control panel
- Custom built insulated box w/ removable panels (mounted to flatbed truck)
- Single or Dual Hose configuration available

Ordering Information

Includes SST Heated Tank, Heat Exchanger, Electric Hose Reel, 200 ft Insulated Scuff-Jacketed Hose, Heavy-Duty Inline Swivel, and Silver Plus Gun w/ XHD Tip

T90096-00 Commander 113 Gallon

T90096-01 Commander 230 Gallon

T90096-02 Commander 230 Gallon w/ Dual Hose Reel

Commander Flatbed Features:

Graco GH230

3300 psi, 2.35 gpm, Honda GX200 Engine, MaxLife Extreme-Duty Pump



Integrated Hose Hatch

Allows you to run your hose without opening door and allowing all heat to escape.

Electric Hose Reel

12V DC powered electric hose reel w/ 200 ft of 3/8" high pressure scuff-jacketed and insulated hose with hose recirculation system. Entire system runs off truck battery with single connection. Comes standard with every Commander.



SST Tank

Your choice of heated 113 gallon or 230 gallon dimple-jacketed material tank integrated into the Commander flatbed system.

Intuitive Control Panel

All system controls in one convenient place and clearly labeled.



MAXFORCE



Self-Contained Heated Spray System

Tube-in-shell heat exchangers have been the ideal choice for the waterproofing industry for decades as they are unrestrictive and have high temperature increase capabilities. Their operation requires hot antifreeze that has traditionally been provided by the contractor's vehicle engine. This requires a permanent and time consuming installation of equipment into a BoxTruck or Cube Van. It also requires a vehicles engine to idle and connects the engines coolant system into the material loop that can void warranties. The MaxForce breaks those barriers by using a liquid cooled engine that provides the hot antifreeze for the heat exchanger.

MaxForce Benefits

- ✔ No Installation required
- ✔ Easily move around job sites
- ✔ No truck idling while spraying
- ✔ Transport to job site in truck or trailer
- ✔ Different pressure and flow rates available
- ✔ Enclosure paneling protects equipment
- ✔ Easy operation with intuitive control panel
- ✔ Calcium Chloride (Co-Spray) kit optional



MaxForce skeleton view (without paneling)

Graco Hydraulic Heads and Lowers

Graco's proven Viscount Hydraulic Head and Xtreme Lower along with nationwide serviceability

Electric Hose Reel (not pictured)

Runs off system battery. No wiring is needed. Comes standard with every MaxForce

Calcium Tank (not pictured)

Optional CaCl kit includes pump, tank, hose dual line hose reel and the most advanced Co-Spray Gun on the market



Heat Exchanger

Up to 100° ΔT temperature rise with efficient tube-in-shell design

Hydraulic Power

No electronics or mechanical clutches to fail. Uses same Nachi vane pump from Graco's time tested GH 733

24 HP Kohler Engine

Liquid-cooled, making this system totally self-contained

View our MaxForce video at www.cjspray.com/maxforce



Complete Your System

How you supply the system is important. Most residential waterproofing contractors commonly spray the same material all the time. This is a good opportunity to spray from plastic IBC totes or heated tanks. Most materials must maintain 65°F to stay flowable. If you can keep the ambient temperature of the material that warm than a plastic tote is cheap and easy. You can purchase material in drums or cardboard totes and transfer using a diaphragm pump. You can also purchase material in 55 gallon drums and transfer with a stick pump. If your ambient temperature won't be above 65°F then use a heated material tank. The MaxForce Elite should then be your choice as it will be ready to go. If you choose to spray directly from 55 gallon drums you will need a 1:1 FastFlo Feed Pump which will require an air compressor. You can use a twin tank mobile compressor as pictured, or check out the MaxForce ACH that has an integrated air compressor.



Co-Spray Option



If you inject calcium chloride with your material choose a model that with the Co-Spray Kit. It includes a 14 gal tank, 12V DC pump, dual line hose reel, Co-Spray hose and CJ Spray's exclusive Co-Spray gun.

Control Panel



All the controls of the MaxForce are centrally located and clearly labeled on the control panel making it easy to use and quick to train.

MaxForce Elite

MAXFORCE

ELITE

Realize the Flexibility of a Self-Contained Heated Sprayer

The MaxForce Elite is the industry's FIRST self-contained heated system that both warms the material in a tank and brings the coating to spray temperatures up to 140°F. This versatile system can be easily fork lifted in-and-out of a truck, around a job site, or quickly installed into a trailer.

- CJ's proven MaxForce self-contained heated spray system
- Heated tank keeps material warm and flowable
 - 110V Shore power Heater keeps material warm overnight
 - MaxForce's liquid-cooled engine takes over at the job site
- Heat exchanger brings coating to spray temperature
- Ships assembled ready to use



Shore Power Heater (110 V)

Warms the coolant in SST tank's dimple jacket overnight so the coating is warm and ready to spray in the morning.



Ordering Information

System Packages

T10530-00 MaxForce 4030 Spray System

T10540-00 MaxForce 4030 with Co-Spray

T10550-00 MaxForce 4030 Elite System

T10560-00 MaxForce 4030 Elite with Co-Spray

S10449-00 Overnight Shore Power Heater Kit (110 V) for use with MaxForce 4030 Elite tank

All packages include 150 ft insulated and scuff jacketed hose, electric hose reel, 55 gallon suction tube, and Spray Gun (Graco HD Texture Gun or CJ Spray Co-Spray Gun)

Elite Packages Include Heated Tank (113 or 230 gal), Skid Frame

Accessories

S10448-06 1:1 FastFlo 55 Gallon Feed Kit

S10445-06 Reconditioned Poly Tank Feed Kit, 275 Gal

S15-500-113 113 Gal SST Heated Tank Kit

S15-500-230 230 Gal SST Heated Tank Kit

S10446-06 T:2 Transfer Pump Kit with 15 ft Hose and Dispense Valve (Transfer out of 55 Gallon Drums)

S10420-00 Husky 1050 Transfer Pump kit with 15 ft Hose and Dispense Valve (Transfer out of Totes)

View our MaxForce video at www.cjspray.com/maxforce

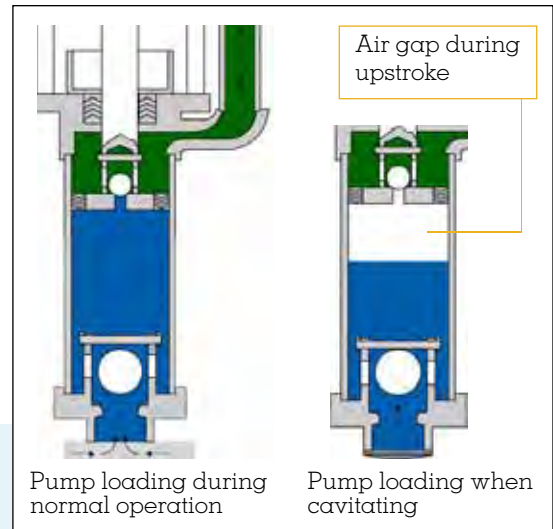
Wow! Air Barrier Materials are Thick!

Waterproofing materials are thick and becoming thicker. Airless pumps are great pushers, but often have a hard time loading with a heavy coating. Some materials can be siphoned directly from a 55-gallon drum, but others require help:

Cavitation

If a material is too thick to siphon from a 55-gallon drum, your pump will cavitate. There are two signs that your pump is cavitating:

1. Fan pattern will pulse and hourglass
2. Pump moves slowly during upstroke but dives quickly on downstroke



Solving Cavitation

Use a tank or tote that uses gravity and the weight of the material to load the pump. For more flexibility and when changing materials often, a 55-gallon drum is more convenient. Use an air operated feed pump to load the sprayer, however an air compressor is now required for its operation.



55 Gallon Feed Pump

Supply airless pump directly from drum with an air-operated stick pump



Poly Tank

Let gravity supply the airless pump with an inexpensive poly tote



Heated Tank

Many materials must be +70°F to be flowable

MAXFORCE

AC Series

AC Series

Integrated Air Compressor to Operate 55 Gal Drum Feed Pump

MaxForce AC Series Integrates Air Compressor for Operating 55-Gallon Drum Feed Pump

Designed with the commercial contractor in mind spraying Air Barrier coatings from 55-gallon drums. The MaxForce AC Series use large gas or electric driven hydraulic pumps that also operate an air compressor for the feed pump. These new compact packages are easy to move around a job site. Built in fly hooks, fork pockets and no flat tires give contractors many options in the field. Built in tie down brackets make it easy to secure during operation or installing into a truck or trailer.

Feed Pump

Force feed even the thickest coatings with Graco's T3 or Monark Feed Pump

Hose Reel

Air powered hose reel runs off on board air compressor. Small foot print with large hose capacity.

Nachi Pump

No electronics or mechanical clutches. Uses same pump found on time tested Graco GH733.

Hydraulic Head & Lower

Speeflo's proven 12000 Series hydraulic pump and lower providing 2.0 GPM @ 4,000 psi

Engine

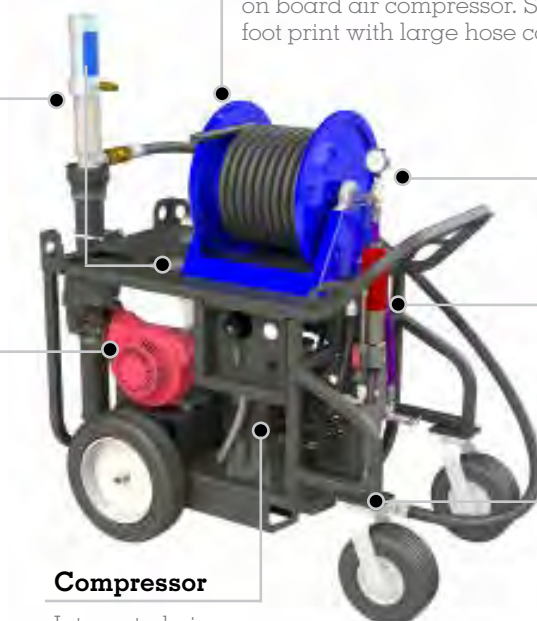
Honda's proven 13 Hp Gas powered motor

Compressor

Integrated air compressor with moisture trap and coalescing filter provides clean/dry air to feed pump and hose reel

Custom Cart

Over 50% smaller footprint than comparable skid-mounted units.



GH4030AC/GH7020AC:

For the most demanding contractor that needs high pressure and flow, the MaxForce GH4030AC and GH7020AC utilize Graco's time tested Viscount II Hydraulic motor and Extreme Lowers. Powered by large twin cylinder Kohler engines you will not find a more powerful sprayer in the field.

- GH4030AC: 4,000 psi, 3.0 gpm, No Heat
- GH7020AC: 6,500 psi, 2.0 gpm, No Heat
- Integrated 13.1 CFM Air Compressor for use with Graco T3 (GH4030AC) or Monark 5:1 (GH7020AC) Feed Pump
- Electric Hose Reel for up to 300 ft spray hose (GH4030AC only)
- Dimensions: 31" w x 51" long x 56" tall
- 18 HP Twin Cylinder Air-Cooled motor
- Optional Calcium Chloride (Co-Spray) kit

Ordering Information

T51510-01 GH4030AC, T3 Stick Pump, 200' Hose (100 x 1/2, 100 x 3/8), HD Texture Gun, HD Swivel, XHD Tip and Guard

T10443-02 GH7020AC, Monark 5:1 Stick Pump, 260' Hose (200 x 3/4, 50 x 1/2, 10 x 3/8), Binks 75 Gun, HD Swivel, 18" High Pressure Gun Extension, 180° Swivel, XHD Tip and Guard

GH4030ACH:

Same system as above, but heat the material utilizing the coolant from the engine. Warmer material is thinning and requires less pressure to spray.

- GH4030AC: 4,000 psi, 3.0 gpm, with Heat
- Integrated 13.1 CFM Air Compressor for use with Graco 1:1 FastFlo Feed Pump
- Electric Hose Reel for up to 200 ft insulated and scuff-jacketed spray hose (GH4030AC only)
- Dimensions: 31" w x 51" long x 56" tall
- 24 HP Twin Cylinder Liquid-Cooled engine that also heats 24" single pass heat exchanger that can increase material temperature 100°F
- Optional Calcium Chloride (Co-Spray) kit

Ordering Information

T51510-00 GH4030ACH, FastFlo 1:1 Stick Pump, 200' Scuff Jacketed/Insulated Hose (100 x 1/2, 100 x 3/8), HD Texture Gun, HD Swivel, XHD Tip and Guard

GH4020AC:

The ideal pump for most air barrier and waterproofing contractors. The 2.0 gpm pump is more than capable spraying up to a .047 tip. Larger 3.0 gallon per minute pumps became popular because contractors needed them for the increased suction from a 55 gallon drum. Using a feed pump eliminates that need and provides a smaller more portable system.

- GH4020AC: 4,000 psi, 2.0 gpm, No Heat
- Integrated 13.1 CFM Air Compressor for use with Graco T3 Feed Pump
- Pneumatic Hose Reel for up to 300 ft spray hose
- 13 HP Single Cylinder Air-Cooled Honda motor
- Optional Calcium Chloride (Co-Spray) kit
- Dimensions: 31" w x 51" long x 56" tall
- Weight: 610

Ordering Information

T10443-00 GH4020AC, T3 Stick Pump, 200' Hose (100 x 1/2, 100 x 3/8), HD Texture Gun, HD Swivel, XHD Tip and Guard



Electric EH4020ACH/EH4030ACH/EH7020AC:

Ideal for a commercial contractor that goes indoors when doing high rises and other large commercial projects. Run on small gas driven generator for most jobs, but when you have to get mobile the MaxForce EH Series is emission free. Integrated electric heat system helps warm material so you can spray at lower pressures and extend your spray season.

- EH4020ACH: 4,000 psi, 2.0 gpm, with Heat
- EH4030ACH: 4,000 psi, 3.0 gpm, with Heat
- EH7020AC: 7,000 psi, 2.0 gpm, no Heat
- Integrated 6.5 CFM Air Compressor for use with Graco T3 Feed Pump
- Electric Hose Reel for up to 200 ft of insulated and scuff jacketed spray hose (ACH models only)
- 5 HP (4020) or 10 HP (4030/7020) Electric 230 V, 1-PH Motor
- Intuitive control panel for easy operation
- 4020/4030 Digital heat control is "set and forget"
- Optional Calcium Chloride (Co-Spray) kit (4020/4030)
- Dimensions: 31" w x 51" long x 56" tall
- Weight: 755



Ordering Information

T10442-00 EH4020ACH, T3 Stick Pump, 200' Scuff Jacketed/Insulated Hose (100 x 1/2, 100 x 3/8), HD Texture Gun, HD Swivel, XHD Tip and Guard

T10442-01 EH4030ACH, T3 Stick Pump, 200' Scuff Jacketed/Insulated Hose (100 x 1/2, 100 x 3/8), HD Texture Gun, HD Swivel, XHD Tip and Guard

T10442-02 EH7020AC, T3 Stick Pump, 260' Hose (200 x 3/4, 50 x 1/2, 10 x 3/8), Binks 75 Gun, HD Swivel, 18" High Pressure Gun Extension, 180° Swivel, XHD Tip and Guard

Power Requirements

EH4020ACH

- When using heater: 50 Amps, 230 V, 1-PH
- When not using heat: 39 Amps, 230 V, 1-PH
- Recommended generator: 12kW

T10552-00

EH4030ACH/EH7020AC

- When using heater: 68 Amps, 230 V, 1-PH
- When not using heat: 55 Amps, 230 V, 1-PH
- Recommended generator: 18kW

U90717



Non-Heated Packages



Ordering Information

- T10510-00** GH833 Non-Heated Basic Package
- T10520-00** GH833 Non-Heated Basic Package w/ Co-Spray
- T10560-00** GH833 Non-Heated Premium Package
- T10570-00** GH833 Non-Heated Premium Package w/ Co-Spray

Non-Heated Basic & Premium Packages

The Premium Package includes all the necessities from the basic package, but also includes the accessories to increase production and protect your investment. The skid frame makes the system portable and comes completely assembled.

- Proven 13 HP Honda engine
- Electric Start
- 150 ft high-pressure spray hose
- Electric hose reel
- Graco Heavy Duty Texture Gun (less restrictive than Silver Plus)
- Pressure gauge
- 4,000 PSI, 4.0 GPM
- Upgraded Pressure Relief Valve



Other Specs:

Tip Size: 1 gun to .065 tip,
2 guns to .046 tip,
3 guns to .037 tip
Weight: 426 lbs
Warranty: 3 years
Hose: 300 ft. **Maximum**
Dimensions: Width: 27",
Height: 45.5", Length: 44"



Ordering Information

- T10580-00** GH833 Non-Heated Premium Package w/ T2 Pump

Non-Heated Premium Package w/ T2

The Premium Package w/ T2 Transfer Pump includes all the necessities from the basic package, but also includes the accessories to increase production and protect your investment. when spraying even the most difficult coatings. The skid frame makes the system portable and comes completely assembled and the T2 allows thick coatings to be fed from 55-gallon drums.

- Proven 13 HP Honda engine
- Electric Start
- 200 ft high-pressure spray hose
- Electric hose reel
- Graco Heavy Duty Texture Gun (less restrictive than Silver Plus)
- Pressure gauge
- 4,000 PSI, 4.0 GPM
- Graco T2 Transfer Pump w/ 10' Supply Hose
- Upgraded Pressure Relief Valve

Other Specs:

Tip Size: 1 gun to .065 tip, 2 guns to .046 tip,
3 guns to .037 tip **Weight:** 426 lbs
Warranty: 3 years **Hose:** 300 ft. **Maximum**
Dimensions: Width: 27", Height: 45.5", Length: 44"

Heated Packages



Ordering Information

T10580-00 GH833 Heated Premium Package

Heated System for Viscous Coatings

Greatly reduce the viscosity of elastomeric coatings by heating the material with a non-restrictive tube-in-shell heat exchanger.

Packages come with hook-up kit to easily install to your vehicle's engine, or add hydronic heater kit to make your system self-contained (great for enclosed trailers).

- Proven 13 HP Honda engine
- 24" Tube-in-shell heat exchanger (single-pass)
- Heat exchanger hook-up kit
- Insulated and scuff jacketed spray hose
- Graco Heavy Duty Texture Gun (less restrictive than Silver Plus)
- Pressure gauge
- 4,000 PSI, 4.0 GPM
- Electric hose reel

Other Specs: Tip Size: 1 gun to .065 tip, 2 guns to .046 tip, 3 guns to .037 tip Weight: 426 lbs
Hose: 300 ft. Maximum Warranty: 3 years
Dimensions: Width: 27", Height: 45.5", Length: 44"



Ordering Information

T10590-00 GH833 Heated Premium Package w/ Co-Spray

Heated System with Co-Spray

Same package as the Heated Premium Package but comes assembled with a Co-Spray System. Gallon tank with 12 V DC pump hooked up to the GH833's battery. Dual lined hose bundle, with dual line electric hose reel, and Co-Spray gun are standard.

Skid frame comes completely assembled making installation quick and easy.

- Proven 13 HP Honda engine
- 24" Tube-in-shell heat exchanger (single-pass)
- Heat exchanger hook-up kit
- Insulated and scuff jacketed dual line spray hose
- CJ Spray's Co-Spray Silver Plus Gun
- Calcium tank and SHURflo pump
- Dual outlet electric hose reel
- Pressure gauge
- 4,000 PSI, 4.0 GPM

Other Specs: Tip Size: 1 gun to .065 tip, 2 guns to .046 tip, 3 guns to .037 tip Weight: 426 lbs
Hose: 300 ft. Maximum Warranty: 3 years
Dimensions: Width: 27", Height: 45.5", Length: 44"

GMAX 7900 Packages

Graco GMAX II 7900 Non-Heated Packages



ProContractor Package

The GMAX II 7900 is Graco's largest gas mechanical operated sprayer. The mechanical clutch design efficiently transfers power from the reliable Honda engine to provide the most bang-for-your-buck. This proven design is backed by a lifetime drive-train warranty.

When using thinner materials, siphon directly from 55-gallon drums. Also works with higher viscosity materials when using 5-gallon pails. Works great for touch-up and small jobs.

- Proven 6.5 HP Honda engine
- ProConnect Pump System for easy field service
- Integrated hose reel
- 100 ft high-pressure spray hose
- Silver Plus spray gun
- 3,300 PSI, 2.3 GPM

Ordering Information

16W885 GMAX II 7900 ProContractor

Other Specs:

Tip Size: 1 gun to .048 tip, 2 guns to .035 tip, **Weight:** 167 lbs **Hose:** 200 ft. **Maximum**

Warranty: 3 year, 1 year motor, lifetime drive train

Dimensions: Width: 24.4", Height: 40.5", Length: 33.3"



7900 Drum Skid Package

The proven GMAX II 7900 Standard mounted on metal skid frame with electric hose reel, battery with integrated charging station (110V) and E-Track with strap accommodating up to two 55-gallon drums.

- Graco GMAX II 7900 Standard
- Integrated electric hose reel
- Charging station (110V)
- 150 ft high-pressure spray hose
- Silver Plus spray gun
- E-Track w/ strap for two 55-gallon drums
- Metal skid frame w/ forklift pockets

Ordering Information

T10500-00 GMAX II 7900 Drum Skid Package

Other Specs:

Tip Size: 1 gun to .048 tip, 2 guns to .035 tip, **Weight:** 585 lbs (no drums)

Hose: 200 ft. **Maximum**

Warranty: 3 year, 1 year motor, lifetime drive train

Dimensions: Width: 48" x Length: 66"

Graco Mark IV/Mark V Electric Sprayers



ProContractor Package

Small 110V Electric Airless Sprayers are great for small jobs, touch-up or mock-ups. Graco's TexSray Mark IV/Mark V utilizes a dropped inlet housing that allows it to spray or pressure roll extremely thick coatings from 5-gallon pails. ProContractor models include built in hose reel and digital display.

- 110V, 15/20 amp
- Lightweight and portable two-wheel frame
- Dropped inlet housing
- Built-in hose reel
- 100 ft high-pressure spray hose
- Flex Plus gun (Mark IV)
- Heavy-Duty Texture gun (Mark V)
- 3300 psi, 1.1 gpm (Mark IV) 1.35 gpm Mark V)

Ordering Information

16W898 Mark IV ProContractor

16W906 Mark V ProContractor

Other Specs:

Tip Size: 1 gun to .033/.039 tip

Weight: 108/135 lbs **Hose:** 200 ft. **Maximum**

Warranty: 3 year, 1 year motor, lifetime drive train

Dimensions: Width: 24.4", Height: 40.5", Length: 33.3"

High Viscosity Pressure Roller

This roller is not the same if you've tried one from the local paint store. It is designed for viscous coatings and is solvent resistant. Three inches wider (12") than paint pressure rollers for faster application.

- Ideal when overspray is a major concern such as high winds or urban environments
- Works well with materials that have poor sheer and do not atomize spray patterns well, such as STPE or silicone
- 1/2" and 3/4" naps available



Ordering Information

S10439-00 12" HV Roller assembly with 20" HD extension and inline valve

232123 40" heavy duty tip extension (replace 20" extension w/ 40" extension or screw together for 60" of reach)

186944 1/2" Nap Roller

186945 3/4" Nap Roller

Co-Spray

Using Co-Spray injection in the waterproofing and air barrier coating application trade has been a commonplace for some time. Typically you can find Co-Spray being used when applying asphalt based emulsified coatings. An injection of Calcium Chloride (CaCl_2) is sprayed into the material path of the asphalt coating.

By adding this catalyst it has been found to significantly reduce the cure time of emulsion based coatings. In the field this is done for two main reasons:

1. It allows coatings that have a high mil thickness requirement the ability to be sprayed in a single application without the product sagging or running down the substrate.
2. Allowing faster cure time so spraying prior to inclement weather is possible without having to worry about rain, cold or humidity effecting the coatings.



In the past, Co-Spray guns have been large, heavy, clunky and sensitive to the application they were designed for. After extensive field testing and engineering CJ Spray is proud to introduce our new and improved Co-Spray gun. Lighter, more ergonomic and designed for even the toughest conditions, CJ Spray's Co-Spray gun dispatches all other options on the market. With multiple configurations the CJ Spray Co-Spray gun allows you to spray a multitude of products in an infinite number of application scenarios.

Tip Extensions

Part No	Description
S10455-00	Co-Spray Extension Kit (does not include Heavy Duty Tip Extension)

Heavy Duty Tip Extensions

Part No	Description
232121	10"
232122	20"
232123	40"
232124	60"
232125	80"



Co-Spray Hose

Part No	Description
S10650-00	5/16 x 10' Co-Spray Hose with nickel plated fittings, 1/4 Female x Female
S10651-00	5/16 x 25' Co-Spray Hose with nickel plated fittings, 1/4 Female x Female
S10652-00	5/16 x 50' Co-Spray Hose with nickel plated fittings, 1/4 Female x Female
S10653-00	5/16 x 100' Co-Spray Hose with nickel plated fittings, 1/4 Female x Female
S10654-00	5/16 x 150' Co-Spray Hose with nickel plated fittings, 1/4 Female x Female
S10655-00	5/16 x 200' Co-Spray Hose with nickel plated fittings, 1/4 Female x Female

Utilize Graco's Patented XHD Tips

Co-Spray Tip Combinations

Combinations are approx. 12:1 ratio. For faster break, reduce airless tip orifice or increase catalyst tip orifice.

Airless Tip 4-6" Fan	Catalyst Tip 4-6" Fan
XHD327	6501
XHD329	6501
XHD331	6501
XHD333	6501
XHD335	6502
XHD337	6502
XHD339	6502
XHD341	6502
XHD343	6502
XHD345	6503
XHD347	6503
XHD351	6503
XHD355	6503

Airless Tip 8-10" Fan	Catalyst Tip 4-6" Fan
XHD527	9501
XHD529	9501
XHD531	9501
XHD533	9501
XHD535	9502
XHD537	9502
XHD539	9502
XHD541	9502
XHD543	9502
XHD545	9502
XHD547	9503
XHD549	9503
XHD551	9503
XHD553	9503
XHD555	9503
XHD557	9503
XHD561	9503
XHD565	9503
XHD567	9503
XHD571	9503
XHD575	9503



Part Number	Description
XHD001	XHD Tip Guard
XHD010	Tip Seal, 5 pk

Co-Spray Catalyst Tips

Part Number	Tip Size
H1/8VV-SS6501	6501
H1/8VV-SS6502	6502
H1/8VV-SS6503	6503
H1/8VV-SS9501	9501
H1/8VV-SS9502	9502
H1/8VV-SS9503	9503

Breaking the Code

XHD - 327

First digit when doubled, is spray pattern fan width. A 327 has a 6-inch fan width when sprayed 12 inches from surface.

Last two digits are orifice size in thousandths of an inch, a 327 has a 0.027 inch orifice.

$$3 \times 2 = 6$$

Buy XHD Tips online at
www.cjspray.com/xhd

Retrofit a Co-Spray System into your current Waterproofing or Air Barrier Rig

- 16 Gallon Catalyst Tank w/ Filter
- Dual Hose Electric Hose Reel w/ Electric Solenoid Kit (Requires 12V Battery)
- 150' Material Hose (100' x 1/2" and 50' x 3/8")
- 150' Catalyst Hose
- Hose will be Scuff Jacketed and Insulated
- Co-Spray Gun
- All Required Fittings and valves to tie into your current spray system

Part Number: S10465-00



Accessories

Waterproofing materials are thick. Airless pumps are great pushers, but often have a hard time loading with a heavy coating. Some materials can be siphoned directly from a 55-gallon drum, but others require help:

55 Gallon Feed Pump Kits

Supply viscous materials direct from 55-gallon drum to large airless pump with an air-operated feed pump. Kits include feed pump specified w/ 1" x 10' material hose and inline swivel.

Part No	Description
S10448-06	Graco Fast-Flo 1:1 kit, 7 cfm @ 100 psi
S10446-06	Graco T2 2.25:1 kit, 12 cfm @ 100 psi
S10447-06	Graco T3 3:1 kit, 12 cfm @ 100 psi
S10443-06	Graco Monark 5:1 kit, 15 cfm @ 100 psi
412723-1000x10	1" x 10ft NR spray supply hose



Heated Tanks

Stainless steel IBC's have a welded dimple jacket on exterior wall to heat material and make it flowable. Hot antifreeze is circulated through dimple jacket.

Part No	Description
515-500-113	113 Gallon, 21" W x 46" L x 38" H
515-500-180	180 Gallon, 42" W x 42" L x 35.5" H
515-500-230	230 Gallon, 42" W x 42" L x 42.5" H



Poly Tanks

Gravity will help load the pump with thick materials. Remember that material must be flowable at ambient temperature.

Part No	Description
515-501-275R	275 Gallon, reconditioned, 40" W x 48" L x 45.5" H



Transfer Pumps

Transfer material from manufacturer's shipped container into your rigs mounted tank. Package includes 1" x 15' transfer hose, inline swivel and dispense valve. Husky 1050 package also includes 1.5" x 5' supply hose w/ 2" female camlock.

Part No	Description
S10421-00	Graco Fast-Flo 1:1 drum to tote transfer kit
S10422-00	Graco T1 2:1 drum to tote transfer kit
S10423-00	Graco T2 2.25:1 drum to tote transfer kit
S10420-00	Graco Husky 1050 tote to tote transfer kit



Pale/Drum Heaters

Heat materials in container to prevent cavitation and pressure loss making a better fan pattern in cold weather.

Part No	Description
16U623	Band Heater, 5 gallon, 110V, with thermostat
515662	Band Heater, 55 gallon, 110V, with thermostat
BH55RR	Barrel Blanket, 55 gallon, 110V, 80°F preset



Guns

Part No	Description
241705	HD Texture Gun
246240	Silver Plus Gun
SB246240	Co-Spray Gun
24C857	G40 HiFlo Air-Assisted Airless Gun
236987	HD Swivel
189018	Standard Swivel



Heavy-Duty Tip Extensions

Part No	Description
232121	10"
232122	20"
232123	40"
232124	60"
232125	80"
246297	180° Heavy-Duty Tip Swivel



Hose Reels

Part No	Description
K01-0106	Hand crank 18" painted steel, max 200ft un-insulated hose
K01-0108-1	Hand crank 24" stainless steel, max 200ft insulated hose
HP1125-4-200-E	Electric 18" painted steel, max 200ft un-insulated hose
HP1125-4-200-A	Electric 24" painted steel, max 200ft insulated hose
HP1125-4-450-E	Air operated 24" painted steel, max 200ft insulated hose
HP1125-4-450-A	Electric 24" painted steel, max 200ft insulated hose
HP1275-4-200-E	Dual line electric operated 24" painted steel, max 200ft insulated hose
HP1275-4-200-A	Dual line air operated 24" painted steel, max 200ft insulated hose
HP1275-6-200-A	Dual line air operated 24" large painted steel, max 200ft insulated hose



Heat Exchanger

Part No	Description
AB1202A6SP	Heat exchanger, 24" single pass, 3" female NPT material inlet and outlet. 2" female NPT coolant inlet and outlet.
ABH120	Hook up kit, including all fitting for coolant control, 40ft of 5/8" coolant hose and material temperature gauge
X51562	1" x 3" Hex bushing, black pipe
X51560	1.5" x 3" Hex bushing, black pipe
MFA1010	Straight fitting, 1" male NPT x 1" Female NPSM swivel
MPE1010	90° Elbow fitting, 1" male NPT x 1" Female NPSM swivel
X51165	90° Street elbow, 1.5" black pipe
HB150A	King nipple, 1.5" aluminum
700150	Double bolt clamp 1.5"

Hose

Graco high pressure airless paint hose uses a solvent resistant nylon core with polyurethane cover to prevent abrasion and moisture penetration.

Part No	Description
277249	1/4" x 3' Whip Hose (Blue 4000 PSI)
H43803	3/8" x 3' Whip Hose (Purple 4500 PSI)
H43806	3/8" x 6' Whip Hose (Purple 4500 PSI)
H43810	3/8" x 10' Whip Hose (Purple 4500 PSI)

Part No	Description
240796	3/8" x 25' Blue 3300 PSI Hose (Use with GMAX 7900 Only)
240797	3/8" x 50' Blue 3300 PSI Hose (Use with GMAX 7900 Only)
241275	3/8" x 100' Blue 3300 PSI Hose (Use with GMAX 7900 Only)

Part No	Description
H43825	3/8" x 25' Purple 4500 PSI 3/8"
H43850	3/8" x 50' Purple 4500 PSI 3/8"
H4381X	3/8" x 100' Purple 4500 PSI 3/8"

Part No	Description
H45010	1/2" x 10' Purple 4500 PSI Hose - often used as jumper hose from pump to reel
H45050	1/2" x 50' Purple 4500 PSI Hose
H4501X	1/2" x 100' Purple 4500 PSI Hose



Insulated and Scuff Jacketed Hose

Part No	Description
H43810	3/8" x 10' Whip Hose (Purple 4500 PSI)
240797	3/8" x 50' Blue 3300 PSI Hose (Use with GMAX 7900 Only)
241275	3/8" x 100' Blue 3300 PSI Hose (Use with GMAX 7900 Only)

Part No	Description
H43850	3/8" x 50' Purple 4500 PSI 3/8"
H4381X	3/8" x 100' Purple 4500 PSI 3/8"

Part No	Description
H45050	1/2" x 50' Purple 4500 PSI Hose
H4501X	1/2" x 100' Purple 4500 PSI Hose

Hose Fittings

Part No	Description
HN38	3/8" Male x 3/8" Male NPSM Nipple
HN50	1/2" Male x 1/2" Male NPSM Nipple
HRN3850	3/8" Male x 1/2" Male NPSM Reducing Nipple
HRB2538	1/4" Female x 3/8" Male NPSM Reducing Bushing



Use in place of pump-up sprayer



Typical Materials Sprayed:

- Cure & Seals
- Concrete Sealers
- Water Repellents
- Hardener Densifiers
- Form Release
- Mold Inhibitors

Greatly increase productivity when spraying thin viscosity liquids with similar consistencies to water. CJ Spray's lineup of low-pressure spray packages create very little overspray, are easy to use and require little to no maintenance. Significantly increase output and reduce worker fatigue when compared to pump-up sprayers. Reduce downtime and waste using larger container sizes.

Electric Operated HVLP Airless

Electric sprayer is capable of spraying one gun. Comes mounted on three wheel cart with 20-gallon tank.

Part No	Description
T10620-00	12V 3-wheel Cart, 20 gal
T10621-00	110V 3-wheel Cart, 20 gal



Triton Air Operated Sealer Pumps

CJ Spray's air operated sealer pumps are capable of spraying two guns at one time. 4 cfm per gun.

Part No	Description
T10600-00	Triton 4-legged frame for 5-gallon Pails
T10601-00	Triton 55-gallon Drum Bung Mount
T10602-00	Triton Hang Mount for large Poly Totes
T10603-00	Triton 3-wheel Cart w/ 20-gallon Tank



Air Compressors

Electric operated air compressor supplies enough air for two operators running on a single Triton Pump.
Gas operated air compressor supplies enough air for four operators running on two Triton Pumps.

Part No	Description
U90061	Ingersoll Rand 2 HP Twin Tank Electric Compressor, 4.3 cfm @ 90 psi
U90060	Ingersoll Rand 5 HP Wheelbarrel Twin Tank Gas Compressor, 11.8 cfm @ 90 psi



*Add the air atomizing kit to spray textured patterns for applications such as Orange Peel and Knockdown.

Convert Your Non-Heated Sprayer to a Heated System with a Hydronic Heater

Make your existing sprayer a self-contained heated system

Most heated spray rigs rely on the coolant system of the truck they are installed in to heat the heat exchanger. The Hydronic Heater replaces the truck engine as a coolant source for use with enclosed trailers, or to turn off the vehicle engine in truck mounted systems.

How it works:

The Hydronic Heater has a built in water pump that heats and pumps antifreeze through the system similar to a vehicles coolant system. The coolant heats the heat exchanger which warms your material to spray temperature. It can also heat bulk tanks, or ambient heaters that will warm the entire enclosed trailer.

Heat your product or the entire trailer:

- **Fuel a Heat Exchanger/Tote:** Heat the product in a tote to maintain flow, and/or the heat exchanger to get the product up to higher spray temperatures.
- **Heat the Entire Trailer:** Optional radiant heater (as pictured below) will heat the entire trailer that will keep your product warm and provide a nice shelter on the job-site.
- **7-day Timer:** The optional 7-day timer allows you to program when the heater turns on. So if your heated shop is only set at 40 degrees you can set the heater to turn on an hour before you start your day. Your product will be warm and ready to go when you are.



Turn your cold applied airless into a heated system without needing a vehicle engine

1. HydroHeater Kit: Heat Source

- H5515H** External Hydronic Heater w/Hook-up Kit includes: Heater, enclosure, mounting hardware, expansion tank, fuel tank, battery & battery tender
- HH1210** 7-Day Timer with Harness (optional)

2. Heat Exchanger: Heat Your Material to Spray Temp

- AB1202** Heat Exchanger, 24" Single Pass
- ABH120** Hook-up Kit, Heat Exchanger

3. Ambient Air Heater: Heat your entire trailer

- R2554** Radiator Heater, 5/8" Dual Fan w/ Switch

4. Insulate & Scuff Your Hose

Insulating your hose keeps the product warm as it travels through it. Scuff Jacket provides protection for insulation

- 515INS** Hose Insulation, per ft.
- 515SCU** Scuff Jacket, per ft.

5. Hose Reel

Insulating your hose increases the diameter. You may need a larger reel to hold it.

- HP1125-4-450E** Hose Reel, Electric up to 200'
- HP1275-4-200E** Hose Reel, Electric Dual Line - Co-Spray
- 515-125** Solenoid/Switch/Fuse Kit (buy w/Electric Reel)
- K01-0107-1** Hose Reel, Hand Crank SST, up to 200'

Fuel: Burns 1 gallon per 16 hours • Electrical: 12 V DC (Battery-Minder Standard)
Hook-up Kit: Provides everything you need to easily install the system yourself



Ambient Air Heater

If your material doesn't require being sprayed at high temperatures, the AirTronic is all you need. This will keep the enclosed space at the temperature you desire to keep the materials flowable.

Whether you're on the road, parked at a job site or don't have a heated shop the AirTronic can keep your material warm 24 hours per day, 7 days a week for about \$3.50 a day.



**Ambient air heater will keep your truck / trailer
& material warm 24 hours a day**

AirTronic Heater Kits

All kits include AirTronic Heater specified, cargo installation kit, diesel fuel tank, large deep cycle battery, battery box, battery tender and digital thermostat control

Part No	Description
S10430-00	D2 Heater Kit
S10435-00	D4 Heater Kit



CJ Spray • 2845 W Service Rd • Eagan, MN 55121
1-888-CJSPRAY (1-888-257-7729) • customerservice@cjspray.com • www.cjspray.com



Waterproofing

CJ Spray has specialized in equipment to spray waterproofing and air barrier coatings since 1995. Our packages are designed to be cost effective solutions that provide the maximum productivity and durability.

SALES - CJ Spray is a full service company specializing in equipment to spray and apply fluids. From off-the-shelf solutions to fully customized and integrated solutions, we can configure equipment to fit your needs.

RENTAL - Our large rental fleet of spray equipment (single and plural component) and abrasive cleaning is ready whenever you need it.

SERVICE - CJ Spray eliminates downtime and keeps your equipment up and running with factory certified technicians and one of the nation's largest inventory of parts and equipment. Technical support is available in-house, on-site and over the phone.

SUPPORT - Starting with concept and design, through implementation and training, continued with service and technical support; partner with CJ Spray to help build your competitive advantage.