

Conversions and Modifications to your Equipment

The information that you are looking for is not readily available and requires us to search through our records to determine the required design change(s), and the material(s) needed.

We would be happy to research the information requested.. Generally most requests can be researched within one (1) to two (2) hours, but if the actually time required is greater, a research fee maybe required to cover the costs incurred. We will respond within three (3) to five (5) business days of receipt of a copy of your purchase order or a written acknowledgment of our rates (by fax or mail).

We will require that you provide us a detailed description of the desired changes or modifications, including the process specifications. Examples: Process Temperature(s), Work Chamber Temperature Uniformity, Solvent Level(s), Product Volume(s), etc.

Example #1 Convert gas fired system from propane to natural gas. Generally this change will require:

- Replace system gas regulator spring
- Replace burner gas limiting orifice (if applicable)
- Re-adjust burner input BTU/H (combustion air and fuel pressure ratio at pilot, low & high flame)

Example #2 Convert electric heated system for 220/240 volts to 460/480 volts. Generally this change will require:

- Rewire control isolation transformer taps
- Rewire all motor(s) leads
- Replace all fuses and fuse blocks
- Replace all motor starter over-load heaters
- Replace the process air heater

Replacement original equipment operating instruction manual is available through our Parts Department at 1-800-473-7373 Option #2. The cost is based on the time required to research and assemble the replacement manual. On standard models the cost for a replacement manual will generally range from \$200 to \$400. On special or large engineering system equipment, a review of the equipment would be needed to determine the replacement manual cost.

<u>PROCESS QUESTIONNAIRE</u>			
YOUR COMPANY NAME:			
ADDRESS:			
YOUR NAME:		TITLE:	
PHONE #:		FAX#:	
EQUIPMENT:			
	SERIAL NUMBER:		
	MODEL NUMBER:		

PROCESS: (Describe, in detail, the process supported by the Despatch equipment identified above.)

...USE SEPARATE PAGE IF REQUIRED

HOW LONG ARE PARTS IN OVEN? _____ PROCESS TEMP _____ (Process Duration)

DOES YOUR PROCESS INVOLVES VOLATILES? YES _____ NO _____

Volatile Name	Lbs/Hour	Gal/Hour	Lbs/Gal	CFBE*

*CFBE = Cubic Feet of Air Rendered Barely Explosive per Gallon of Solvent

(IMPORTANT: We Must Know Exact Amount of Volatile Used or Released)

DOES PROCESS CONTAIN OTHER COMBUSTIBLES? WHAT TYPE?

ELECTRICAL SAFETY SYSTEM:

Exhaust Fan and Proper Airflow Sensor Present? Working?

Purge Timer? High-Limit Control Installed & Working?

Electric Heat *Back -Up* Contractor Installed & Working?

Voltage: Heaters? _____ Motors? _____ Controls? _____

AIR HANDLING SYSTEM:

Fresh Air Duct Size? _____ (ID) Damper Blade Size? _____ Open Area? _____

Exhaust Duct Size? (ID) Damper Blade Size? Open Area?

PROCESS QUESTIONNAIRE

POWDER COATING ONLY

Powder Coating Processes create special concerns for the safe operation of your Despatch equipment. The following request for information will help Despatch determine if your equipment and process are compatible. If a problem is detected we will notify you at once. Until we have had the opportunity to review the following information we must advise you of the following warning.

WARNING: IMPROPER USE OF THIS EQUIPMENT CAN RESULT IN PROPERTY DAMAGE, SERIOUS BODILY INJURY OR DEATH!

DO NOT USE THIS EQUIPMENT UNTIL YOU ARE CERTAIN THAT YOUR PROCESS IS COMPATIBLE WITH THE EQUIPMENT DESIGN.

Please Answer The Following:

Surface area of the maximum load of parts processed in an hour, expressed in (Square Feet per Hour)
Square Feet /Hour.

Maximum Powder Thickness? Mils.

What are the Powder Manufacturer's Recommended coverage in square feet per pound to yield a coating
1 Mil thick? square feet per pound

We hope you found this information useful. THANK YOU for contacting us and allowing us to be a service
to you. Please contact us at 1-800-473-7373 if you have any questions.

Despatch Industries

8860 207th Street West, Minneapolis, MN 55044
Telephone: 800-726-0110 International: 952-469-5424

www.despatch.com