Retrofit Electric Dryers
with Efficient Gas

Retrofit your existing electric dryer to cost effective natural gas with the Conair GasTrac Process Air Heater.

The unique combustion airflow system of the GasTrac consistently maintains drying temperatures under any conditions, while cutting energy costs below that of electric resistance heaters. The GasTrac Process Air Heater uses your dryer's desiccant beds, circulating air through the GasTrac heat exchanger and hopper. Because the GasTrac is designed to convert your existing electric dryer, realizing your energy savings has never been easier.

Model CGT350

Retrofit for Lower Burning Emissions

Conair's GasTrac air heater uses a state-of-the-art radiant heat burner with one of the lowest emissions levels.

Gas-fired heaters substantially lower energy costs and provide energy savings up to 70% over an equal amount of electricity. The indirect heat exchanger, designed completely of stainless steel, separates process air from the combustion air, eliminating any possibility of contamination. The ceramic/fiber matrix burner provides safe, high-efficiency radiant heat.

Off-the-shelf controls and gas components monitor every function of the heater and are easy to maintain. Automatic shutdown occurs if pressure switches sense unsafe conditions.

▶ **Clean radiant heat burning**
The GasTrac has one of the lowest emissions of any burner available in the world today. The ceramic/fiber matrix burner couples high heat transfer with extremely low emissions.

▶ **Space saving construction**
Compact design provides a smaller footprint for easy out-of-the-way placement of your dryer.
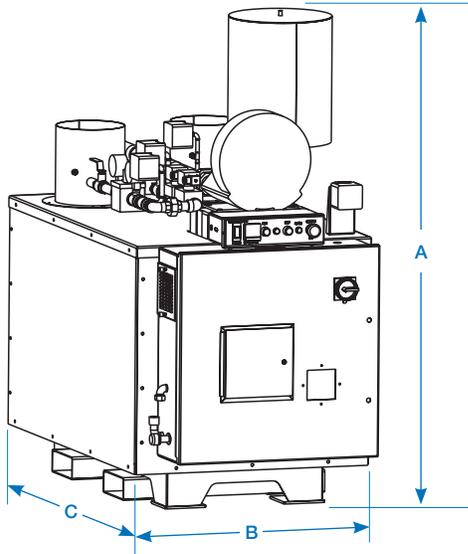
▶ **Unique airflow system**
The process airflow is heated indirectly as it flows around the heat exchanger. It never comes in contact with the combustion airflow and contamination.

▶ **Exceeds industry requirements**
All GasTrac components meet or exceed industry requirements for UL, AGA, CGA, FM, NFPA and IAS.

Specifications

Emissions	
Primary excess air	10 - 30%
Oxygen (O_2) (ideal 3 - 4%)	2 - 5%
Carbon Dioxide (CO_2)	9 - 10.5%
Carbon Monoxide (CO)	<10 ppm corrected to 3% O_2
NOX	<20 ppm corrected to 3% O_2
Unburned hydrocarbons	<10 ppm corrected to 3% O_2

All GasTrac components meet:
UL372, UL795, FM, CGA, AGA, NFPA 54, NFPA 79, NFPA 86 and IAS

Models	CGT150	CGT250	CGT350	CGT500	CGT700
Performance characterstics					
Temperature range °F {°C}		250 - 350 {122 - 177}			
Maximum flue temperature °F {°C}		750 {399}			
Combustion blower	0.5 Hp peripheral		1 Hp peripheral		
Ignition source		Spark igniter, interrupted			
Burner type		Metal-ceramic			
Minimum burner capacity BTU/hr	40,000	75,000	90,000	125,000	150,000
Maximum burner capacity BTU/hr	150,000	225,000	350,000	500,000	700,000
Gas consumption *					
CFH @250°F {121°C} L/hour	50 {1416}	90 {2549}	105 {2973}	150 {4248}	230 {6513}
CFH @350°F {177°C} L/hour	140 {3964}	215 {6088}	325 {9203}	465 {13167}	675 {19114}
Gas pressure to regulator In. H_2O {kPa}		10 - 20 {2.49 - 4.98}			
Gas pressure from regulator In. H_2O {kPa}		4 - 7 {0.99 - 1.74}			
Gas heating rate BTU/ft³		1000			
Dimensions inches {mm}					
A - Height	54 {1372}	61{1549}			
B - Width	29 {737}	37 {940}			
C - Depth	66 {1676}	64 {1626}	74 {1880}		
Air inlet/outlet, OD		8 {203}			12 {300}
Gas inlet size (NPT) inches		3/4			1
Exhaust flue, OD		6 {152}			
Approximate weight lb {kg}					
Installed		600 {272}			
Shipping		700 {317}			600 {272}
Voltage Full load amps †					
400 V/3 phase/50 Hz	3.0	6.2	1.6	1.3	3.0
240 V/3 phase/60 Hz	3.0	10.9	2.5	2.0	3.0
580 V/3 phase/60 Hz	3.0	5.4		6.7	3.0

Specification Notes

* Designed for natural gas. For alternate fuel, contact your Conair representative.

† FLA data for reference purposes only. Does not include any options or accessories on equipment. For full FLA detail for power circuit design of specific machines and systems, refer to the electrical diagrams of the equipment order and the nameplate applied to the machine.

Specifications may change without notice. Consult a Conair representative for the most current information.