



Generon IGS



AIR and GAS COMPRESSORS, DRYERS, GENERATORS and ACCESSORIES

- Cameron Compression** – Centrifugal compressors from 500 to 20,000 SCFM, oil-free, for air and gas applications, Local Service Technicians (formerly Cooper/ JOY)
- Pneumatic Products Corp.** – Desiccant air & gas dryers and packaged filtration systems 2 to 18,000+ SCFM
Process desiccant dryer systems for fuels, chemicals and various liquids
Point-of-use filter and coalescers, drain valves, condensate separators, etc.
- IGS Generon** – Rental air dryer/filter and cooler packages; 500 - 6,000 SCFM @ 60-250 PSIG
Gas Generators for Nitrogen, O2, and process gas systems, gas purification systems, process gas recovery and separation systems, membrane and PSA
- Boge America, Inc.** – Rotary screw compressors, packaged systems including refrigerant or desiccant air dryers, receiver tanks, drain valves, and oil water separators
- Aircel** – Refrigerant type compressed air dryers
- N₂O₂ Compressed Air Audit** – Consulting engineering for compressed air systems. Optimization of efficiency and reliability, and compressed air leak surveys.



PROCESS MIXING, HEATING / COOLING EQUIPMENT, FILTRATION, and PUMPING EQUIPMENT

- Fulton Thermal Corporation** – Packaged thermal fluid heaters, multi-pass vertical coil type gas, electric and fuel fired heater systems and temperature control systems from 0° to 750°F
- Thermotech** – Industrial closed loop cooling systems including dry fluid coolers, evaporative fluid coolers and liquid process chillers; standard and custom systems
- Charles Ross and Son Co.** – Specialty mixing equipment for batch and continuous processes, custom vessels, tanks and reactors. High Shear, Planetary, Dual Shaft, Emulsifiers/Homogenizers, Ribbon Blenders, Dispersers, Vacuum Dryers, and custom mixing equipment, and custom control systems.
- CPM Beta Raven** – Process Automation, Grinders, Extruders, Mills, Weighing, Drying, Pelleting, Cooling, Solids Handling, Size reductions – and complete systems
- Emech Control** – Water and steam/water mixing valve system for precise temperature control of +/- 0.9°F; includes electronic actuator, stepper motor and temperature probe.
- Shawndra** – Filtration systems for gas/liquid separation, fuel gas, gas processing, etc.
- SIHI Pumps, Inc.** – Side channel multi-stage (turbine) pumps, thermal fluid pumps, magnet drive pumps, low NPSH pumps - boiler feed, condensate, refrigerants, volatiles
- Tuthill Pump Company** – Positive displacement pumps, rotary lobe pumps, standard gear pumps and magnet drive small flow gear pumps, production scale and laboratory use.

TECH SUPPORT, START-UP SERVICE and PREVENTIVE MAINTENANCE

The Condit Company's staff of experienced Sales Consultants provides site surveys, system design as well as application assistance for your Process System improvements. We also offer factory-trained and certified technicians for start-up and scheduled service. Our "Before, During and After" customer service and support is a key factor in our success.

Houston / Corpus Christi / Dallas / Beaumont / Tulsa / Kansas City / Memphis / St. Louis

HP	Electricity rate (\$/kwh)	Motor Efficiency*	Hours per year**	Annual Energy Cost
150	0.05	0.95	8760	\$51,591.79
200	0.05	0.95	8760	\$68,789.05
250	0.05	0.95	8760	\$85,986.32
300	0.05	0.95	8760	\$103,183.58
350	0.05	0.95	8760	\$120,380.84
400	0.05	0.95	8760	\$137,578.11
500	0.05	0.95	8760	\$171,972.63
600	0.05	0.95	8760	\$206,367.16
700	0.05	0.95	8760	\$240,761.68
800	0.05	0.95	8760	\$275,156.21
900	0.05	0.95	8760	\$309,550.74
1000	0.05	0.95	8760	\$343,945.26
1250	0.05	0.95	8760	\$429,931.58
1500	0.05	0.95	8760	\$515,917.89
1750	0.05	0.95	8760	\$601,904.21
150	0.07	0.95	8760	\$72,228.51
200	0.07	0.95	8760	\$96,304.67
250	0.07	0.95	8760	\$120,380.84
300	0.07	0.95	8760	\$144,457.01
350	0.07	0.95	8760	\$168,533.18
400	0.07	0.95	8760	\$192,609.35
500	0.07	0.95	8760	\$240,761.68
600	0.07	0.95	8760	\$288,914.02
700	0.07	0.95	8760	\$337,066.36
800	0.07	0.95	8760	\$385,218.69
900	0.07	0.95	8760	\$433,371.03
1000	0.07	0.95	8760	\$481,523.37
1250	0.07	0.95	8760	\$601,904.21
1500	0.07	0.95	8760	\$722,285.05
1750	0.07	0.95	8760	\$842,665.89
150	0.1	0.95	8760	\$103,183.58
200	0.1	0.95	8760	\$137,578.11
250	0.1	0.95	8760	\$171,972.63
300	0.1	0.95	8760	\$206,367.16
350	0.1	0.95	8760	\$240,761.68
400	0.1	0.95	8760	\$275,156.21
500	0.1	0.95	8760	\$343,945.26
600	0.1	0.95	8760	\$412,734.32
700	0.1	0.95	8760	\$481,523.37
800	0.1	0.95	8760	\$550,312.42
900	0.1	0.95	8760	\$619,101.47
1000	0.1	0.95	8760	\$687,890.53
1250	0.1	0.95	8760	\$859,863.16
1500	0.1	0.95	8760	\$1,031,835.79
1750	0.1	0.95	8760	\$1,203,808.42

*Actual motor efficiencies are likely lower, resulting in greater cost

**Assumes 24/7/365 operation