

Proofer Comparison

Super Proof Box

Proof-O-Matic

Tray Proofer

Structure

<ul style="list-style-type: none"> • All interior support structure is hot dip galvanized, stainless steel or plated for corrosion resistance. • 6" x 6" x 3/16" tubular support structure doubles as interior conditioned air supply ducts and lane guides. • Comes with all stainless steel fasteners for internal assembly. 	<ul style="list-style-type: none"> • All interior support structure is hot dip galvanized, stainless steel or plated for corrosion resistance. • Comes with all stainless steel fasteners for internal assembly. 	<ul style="list-style-type: none"> • All interior support structure is hot dip galvanized, stainless steel or plated for corrosion resistance. • Comes with all stainless steel fasteners for internal assembly.
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Enclosure

<ul style="list-style-type: none"> • Wall and roof panels are made with 3 1/2" thick foam core insulation. • 304-2B stainless steel bonded to the interior and exterior of all panels. • Panels feature cam-lock fasteners incorporated into a tongue-and-groove framework to provide a tight and energy efficient enclosure. 	<ul style="list-style-type: none"> • Wall and roof panels are made with 3 1/2" thick foam core insulation. • 304-2B stainless steel bonded to the interior and exterior of all panels. • Panels feature cam-lock fasteners incorporated into a tongue-and-groove framework to provide a tight and energy efficient enclosure. 	<ul style="list-style-type: none"> • Wall and roof panels are made with 3 1/2" thick foam core insulation. • 304-2B stainless steel bonded to the interior and exterior of all panels. • Panels feature cam-lock fasteners incorporated into a tongue-and-groove framework to provide a tight and energy efficient enclosure.
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Air Conditioning Unit

<ul style="list-style-type: none"> • Unit has 304-2B stainless steel tank and frame. • Removable side and top panels for ease of maintenance and sanitation. • Designed to maintain 115 degrees Fahrenheit at 90% relative humidity with an ambient temperature of 80 degrees Fahrenheit. • Externally driven fan with an aluminum multi-blade fan wheel, aluminum inlet scroll housing and stainless steel shaft. • All copper radiator, finned for maximum heat transfer from the steam heating coil. • Multi-pass water eliminator to prevent water from entering steam coil, fan wheel housing and supply duct. • Prepiped "wet" and "dry" heat modulating valves for steam flow regulation. • Centrifugal pump with brass fittings and stainless steel spray tower for exclusive air wash system. 	<ul style="list-style-type: none"> • Unit has 304-2B stainless steel tank and frame. • Removable side and top panels for ease of maintenance and sanitation. • Designed to maintain 115 degrees Fahrenheit at 90% relative humidity with an ambient temperature of 80 degrees Fahrenheit. • Externally driven fan with an aluminum multi-blade fan wheel, aluminum inlet scroll housing and stainless steel shaft. • All copper radiator, finned for maximum heat transfer from the steam heating coil. • Multi-pass water eliminator to prevent water from entering steam coil, fan wheel housing and supply duct. • Prepiped "wet" and "dry" heat modulating valves for steam flow regulation. • Centrifugal pump with brass fittings and stainless steel spray tower for exclusive air wash system. 	<ul style="list-style-type: none"> • Unit has 304-2B stainless steel tank and frame. • Removable side and top panels for ease of maintenance and sanitation. • Designed to maintain 115 degrees Fahrenheit at 90% relative humidity with an ambient temperature of 80 degrees Fahrenheit. • Externally driven fan with an aluminum multi-blade fan wheel, aluminum inlet scroll housing and stainless steel shaft. • All copper radiator, finned for maximum heat transfer from the steam heating coil. • Multi-pass water eliminator to prevent water from entering steam coil, fan wheel housing and supply duct. • Prepiped "wet" and "dry" heat modulating valves for steam flow regulation. • Centrifugal pump with brass fittings and stainless steel spray tower for exclusive air wash system.
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Conditioned air duct system

<ul style="list-style-type: none"> • Conditioned air is supplied along the entire length of both sides of each proofing lane at floor level. • Dampers are provided at each drop duct for positive proof environment control. • Return air is centrally ducted from roof level and recycled through AC unit and air wash system. 	<ul style="list-style-type: none"> • Conditioned air is supplied along the entire length of each proofing lane at floor level. • Dampers are provided at each drop duct for positive proof environment control. • Return air is centrally ducted from roof level and recycled through AC unit and air wash system. 	<ul style="list-style-type: none"> • Conditioned air is supplied along the entire length of Tray Proofer at floor level. • Dampers are provided at each drop duct for positive proof environment control. • Return air is centrally ducted from roof level and recycled through AC unit and air wash system.
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Product conveyance

<ul style="list-style-type: none"> • Caster or monorail push racks. • Racks provided by customer or purchased separately from PGI. 	<ul style="list-style-type: none"> • Powered monorail rack system. • All aluminum racks provided with system. • Racks designed to handle standard or custom size pans. • Manual loading and unloading. • Optional Rack loader. • Optional Rack unloader. 	<ul style="list-style-type: none"> • Automated conveyorized loading and unloading. • Double hung trays with light weight aluminum cross tubes. • Bolt on quick change stainless steel tray fingers. • Magnetized center strip for non-slip grip with steel bake pans.
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Available floor space requirements

<ul style="list-style-type: none"> • Will design to fit customers available floor space and volume requirements. 	<ul style="list-style-type: none"> • Will design to fit customers available floor space and volume requirements. 	<ul style="list-style-type: none"> • Available in ground level or overhead design to minimize floor space requirements. • Will design to fit customers available floor space and volume requirements.
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Accessibility for maintenance and sanitation

<ul style="list-style-type: none"> • Interior is fully accessible from empty lanes. • A ladder and railed landing is provided for AC unit maintenance. 	<ul style="list-style-type: none"> • Interior corridors are provided between and/or along side rack isles. • AC unit can be either floor mounted or roof mounted with ladder and railed landing provided. 	<ul style="list-style-type: none"> • Interior corridors and catwalks are provided along both sides and end of Tray Proofer. • AC unit is typically mounted on a separate platform at feed end of Tray Proofer with ladder and railed landing provided.
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Controls

<ul style="list-style-type: none"> • Nema 12 relay control panel provided in bakery white. • Prewired with all necessary hardware for regulating the “wet” and “dry” heat for proofing. • Solid state Honeywell digital controller with sensors. 	<ul style="list-style-type: none"> • Nema 12 prewired control panel(s) provided in bakery white. • AC variable drive inverter(s), transformers, motor starters, overload relays, etc... • Programmable logic controls (PLC) with operator interface. • Digital readout of proof time in minutes. • Digital “wet” and “dry” heat controls. • All field mounted electrical components provided. 	<ul style="list-style-type: none"> • Nema 12 prewired control panel(s) provided in bakery white. • AC variable drive inverter(s), transformers, motor starters, overload relays, etc... • Programmable logic controls (PLC) with operator interface. • Digital readout of proof time in minutes. • Digital “wet” and “dry” heat controls. • All field mounted electrical components provided.
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