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Packaged Rooftop Units



Landmark® Rooftop Units

- 9 to 55 kW heat pump and cooling only units
- Standard efficiency
- Over 30 features designed to reduce installation and service time
- Operating temperature -17°C² to 57°C

- Isolated compressor compartment and slide out blower assembly for quick access
- Meets a variety of applications with over 100 field accessories

■ With low ambient kit



Emergence® Rooftop Units

- 10 to 100 kW gas/electric
- Industry-leading Prodigy® control system which provides fast, accurate setup and simplified operation
- Available interoperability via certified BACnet or LonTalk® protocols
- Extensive factory options and accessories are available
- Operating temp. -17°C² to 57°C

- Environ™ Coil System helps maximise reliability and sustainability
- The only commercial HVAC system to integrate directly with solar power for an effective efficiency
- Improved comfort with patented Humiditrol® dehumidification system

■ With low ambient kit



Baltic™ Rooftop Units

- Up to 85 kW Heat Pump
- eDrive™ variable speed direct transmission ventilation system to save energy on BALTIC ranges
- Advanced CLIMATIC™ controller, designed to improve energy efficiency and reliability. This controller integrates master slave capability and a wide choice of communication interfaces
- Effective package solution for fast and easy installation
- Low weight construction for easy lifting in all site configurations
- Fresh air control (economisers) and free cooling is a standard option on Baltic
- Operating temperature -15°C to 50°C

Split Systems



Multi Head DC Inverters

- Indoor Heads
 - Hi Wall 2 to 7.0 kW
 - Cassettes 2 to 5.2 kW
 - Ducted 2 to 7.0 kW
- Outdoor units – 5.4 kW to 10.5 kW
- Indoor heads can be matched with 120% of capacity of ODU e.g. 7.8kW can be matched with total indoor head capacity of 9.36kW/4 heads and it can be combination of 2.6, 3.5 or 5.3kW and with a min of 2/max 4 heads

- Energy efficient DC inverter technology
- Can be retro-fitted in existing homes – single or double storey dwellings, including apartments
- Each indoor unit can be customised with individual temperature requirements, allowing home owners to minimise energy wastage and ultimately save money



Hi-Wall Splits - Inverters

- 6 sizes – 2 to 8 kW
- Heating & cooling operations
- Auto restart function
- 4 fan speeds SH/H/M/L + Turbo for quicker heating or cooling



Hi-Wall Splits - Fixed Speeds

- 5 sizes – 2.7 to 8.3 kW
- Heating & cooling operations
- Auto restart function
- 4 fan speeds SH/H/M/L + Turbo for quicker heating or cooling
- DRED (Demand Response Enabling Device) compatible



Flexy EC™ Rooftop Units

- 85 to 230 kW Heat Pump
- A first class efficiency system thanks to EC multi-scroll compressor technology associated with chlorine free R410A refrigerant
- Reducing airflow during part load operation and dead zone provides very high efficiencies
- eDrive™ variable speed direct transmission ventilation system
- Advanced CLIMATIC™ controller, designed to improve energy efficiency and reliability. This controller integrates master slave capability and a wide choice of communication interfaces
- Effective package solution for fast and easy installation
- Low weight construction for easy lifting in all site configurations
- Fresh air control (economisers) and free cooling / heating management for healthy and comfortable environments
- NOTE: Standard Flexy has no eDrive™ system
- Operating temperature -15°C to 50°C

Chillers



Ecolean™

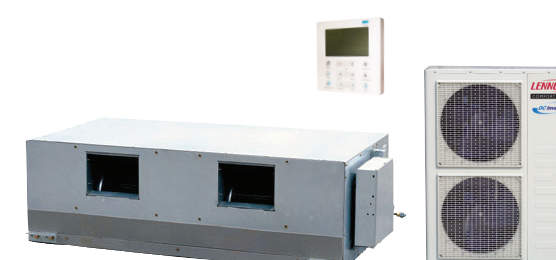
- High energy efficiency, even on part load
- Low refrigerant charge for reduced carbon footprint
- eDrive™ variable water flow for energy savings
- Intelligent climatic control that continuously optimises power consumption
- Lightweight, durable construction with a compact footprint
- European designed and made
- Glycol option to -10°C
- Up to 46°C ambient



Neosys™

- Suitable for most chilled liquid applications from +20°C inlet to +5°C outlet (-10°C glycol version available)
- Utilises compliant scroll compressor technology
- Intelligent climatic control that continuously optimises power consumption
- Microchannel condensers for improved reliability and a reduction in refrigerant charge
- Smart acoustics utilising inverter fans
- Hydraulic options available
- Low unit height (< 2m)
- Graduated capacity control to better meet the required capacity

Ducted Split Systems



DC Inverter Ducted Splits (LED/LCD)

- 4 sizes – 7 to 16.5 kW (single phase)
- Heating & cooling operations
- Quiet and energy efficient climate control for the entire house
- Slim unobtrusive design for indoor and outdoor
- Ease of installation
- Digital thermostat control - easy to operate, wall mounted LCD programmable thermostat control



Ducted Fixed Speeds (TPA/BCM)

- 2 sizes – 13 & 16 kW
- Heating & cooling operations
- High efficiency units for reduced energy consumption
- Scroll compressor and corrosion resistant cabinet
- Crankcase heaters protect any refrigerant migration during low ambient operations
- BCM fan coils are multi-positional available ex-factory and field convertible
- Can be mounted inside a cupboard in space constrained applications
- Side return right- or left-hand capable

Controls



iComfort & EIM Wi-Fi®

- Controls energy costs with remote access from a smartphone, tablet or laptop
- HD touchscreen with menu-driven icons makes programming easy
- Multiple programming options from a single day or entire week offer customised comfort and energy savings
- Automatic software updates connect to new features as they become available
- System alerts notify homeowner of any maintenance issues
- Weather-on-Demand provides current outdoor temperature and a five-day forecast
- One-Touch Away Mode turns down heating or cooling to save energy when no one is home
- The thermostat can look like a family photo or work of art with customisable skins
- Precise Comfort® holds a temperature to within 0.5 degrees, when paired with a Lennox only furnace/outdoor unit
- Detailed diagnostics report to tell you exactly what's going on*
- Automatic system setup reduces installation time*
- Advanced service alerts provide service alerts in plain English, not a code*

*Only when paired with Lennox premium equipment



Prodigy® 2.0 Unit Controller

- Intuitive user interface guides setup
- Quicker, more accurate commissioning
- Service reports are downloadable via patent-pending USB service port
- Simple firmware upgrades with a flash drive in the USB port
- Makes "service versus replacement" decisions based on component run times
- Self-test function ensures components are operating correctly
- Helps ensure the most accurate setup and least service time

SmartWire™ System

- Designed to simplify field sensor and thermostat installation
- Keyed and colour-coded connectors to help prevent miss-wiring
- Labelled connections allow quicker installation and troubleshooting brochure
- BACnet® & LonTalk® compatible

PRODIGY
CONTROL SYSTEM



7000 Series Touchscreen

- Large, easy-to-read touchscreen
- Unique, tabbed user interface
- Customisable reminders and dealer information
- Dual-fuel capable
- Controls humidity and temperature independently to desired setting
- 7-day or 5-day/2-day programming
- Auto changeover between heating and cooling modes
- Optional outdoor sensor to view temperature



3000 Series Programmable and Non-Programmable

- Large display and buttons for ease and convenience
- Advanced electronics for accurate control of temperature
- Dual-fuel capable

Gas Furnaces

High Efficiency G61 Gas Furnaces

- 17 to 35 kW
- 5.3 Star energy efficiency
- Compact design profile
- Upflow/horizontal or dedicated down flow models available
- Sealed blower compartment
- Variable-drive, slide-out blower and tool-less entry for quick maintenance



Mid Efficiency ML180 Gas Furnaces

- 15 to 31 kW
- 3.7 Star energy efficiency
- Compact design profile
- Upflow/horizontal models available
- Sealed blower compartment
- Direct-drive, slide-out blower and tool-less entry for quick maintenance



Cooling Only

T-Class TSA Air Conditioners and Heat Pumps

- 23 to 45 kW
- Heating and cooling operations
- Easy access to compressors and service valves
- Corner control panels with DDC expansion space

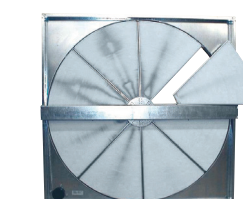


T-Class TAA Air Handlers

- 23 to 45 kW
- Complements the TSA air conditioner and heat pump
- Quick and easy installation with knock-out access to internal refrigerant lines on either end of the unit
- Low-maintenance drive belt tensioning device provides longer belt life and quick belt replacement
- Factory-installed motor and drive kits in standard, low and high-static configurations

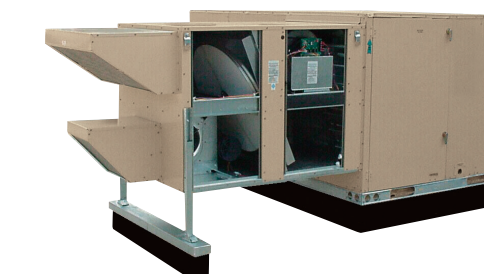


Indoor Air Quality



Energy Recovery System

- Bolt-on Energy Recovery
- 300-8,200 CFM
- ARI-certified energy recovery wheel transfers heat and moisture
- Integrated Energy Recovery 6,600 CFM nominal (Emergence E-Box)
- Energy recovery wheel is segmented for easy cleaning and removal



Demand Control Ventilation

- Features a carbon dioxide (CO₂) sensor to estimate occupancy
- Modulates ventilation based on occupancy
- Minimises energy costs while maintaining air quality
- Compatible with Lennox rooftop units with an economiser or motorised outdoor air damper



Humiditrol Dehumidification

- System for Rooftop Units
- Excellent humidity control in the toughest applications such as mild-temperature, high-humidity days
- Allows humidity control independent of cooling
- Meets international fresh-air requirements
- Enhanced dehumidification controlled by the Prodigy® unit controller on Emergence® rooftop units



MERV Air Filters

- High-efficiency air filters available
- Removes 85% of particles sized 0.3 to 1.0 micron
- Improves HVAC energy efficiency by keeping coil clean



UVC Germicidal Lamps

- Designed for Emergence® and Landmark® rooftop units
- Includes complete safety kit
- Reduces concentration of mould, bacteria and fungi on coils
- Helps maintain system heating and cooling efficiency
- Available as field-installed kit (factory installation available for Emergence® rooftop units)

Lennox® Residential & Commercial Range Reference Chart



Duct Furnaces



LF24 Unit Heaters

- 20 to 60 kW
- Use in a wide range of industrial and commercial applications
- Excellent for warehouses, automobile repair facilities and public garages
- Available for natural gas or propane



LD24 Duct Furnaces

- 20 to 60 kW
- Compact cabinet allows for versatile installation
- Gas-fired
- Durable tubular heat exchanger
- High-quality aluminised steel in-shot burners
- Self-diagnostic board with LED display improves troubleshooting efficiency and accuracy
- Electronic ignition