

ADVANTAGES OF ROBUR SYSTEMS



DRASTIC REDUCTION IN ELECTRICAL POWER CONSUMPTION

- Reduces buildings' HVAC systems' electrical demand by 80% compared to electric heat pumps
- No compressors
- Single phase power
- Avoid electrical upgrades
- Eliminate or reduce electric demand charges
- Smaller generator requirements for applications requiring off grid power or emergency cooling



ENVIRONMENTALLY FRIENDLY

- No CFC's, HFC's or HCFC's which deplete the Earth's ozone and contribute to Green House Gas emissions
- Ozone depletion potential (ODP) = 0
- Global warming potential (GWP) = 0
- Very high efficiency recovering thermal energy from the ambient (Heat Pumps)
- Low NOx emissions - premixed burner
- Smaller carbon footprint when compared to generating electricity to power traditional electric HVAC systems



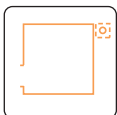
RELIABILITY / DURABILITY

- Long Life
- No compressors / No engine
- No mechanical wear and tear
- Only 3 moving elements
- Completely sealed circuit, with no need of periodic refilling of refrigerant fluid
- No refrigerant leakage
- Low maintenance required



MODULARITY / REDUNDANCY

- Wide range of systems available
- Redundancy with modular design
- Multiple Links available
- Application Flexibility
- Staging capability adapts to changing load conditions
- Only use utilities required to meet building loads



AESTHETICS

- Design freedom
- Outdoor Installation – No need for indoor equipment room
- All-in-one , space saving unit
- Remote location possible
- Zoning – Eliminate ductwork
- Air cooled – No cooling tower



LIFESTYLE

- Heating efficiency up to 129%
- Operational cost savings
- Ultra-low noise level
- Wide range of ambient operating conditions (-20°F to 131°F depending on model)
- Water temperatures from 14°F to 185°F

Get more cooling and DHW out of your dollar with Gas Fired Cooling with Free Hot Water Recovery, choose ROBUR ACF-HR!



Your Complete Heating and Cooling System: choose the Robur GAHP-AR reversible Gas Absorption Heat Pump!



Discover our best references: www.RoburCorp.com

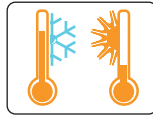
ROBUR HAS A SOLUTION FOR EVERY NEED



COOLING



HEATING



COOLING &
HEATING



PROCESS COOLING
APPLICATIONS



RESIDENTIAL,
COMMERCIAL &
INDUSTRIAL
APPLICATIONS
(also geothermal)

