HIGH-EFFICIENCY CONDENSING AND STEAM BOILERS

CLEARFIRE-CE
- Fully condensing high-mass firetube boiler
- 500 to 6,000 MBTU
- Variable flow capable — no minimum
- Outdoor kit available

CLEARFIRE-LC
- Fully condensing high-mass firetube
- 8,000 to 12,000 MBTU
- Variable flow capable — no minimum

CAMUS FAMILY
- DynaFlame, Dynaforce, Dynamax
- 60 MBH - 6,000 MBH
- Condensing or non-condensing
- Hydronic or domestic hot water
- Outdoor rated

CLEARFIRE-H
- High & low pressure steam systems
- 10-80 HP
- 15 and 150 psig designs
- Modulating 5:1 turndown

CB TUBELESS
- High & low pressure steam systems
- 9.5-30 HP
- 15, 100 and 150 psig designs
- Up to 84 percent efficiency
- Modulating 5:1 turndown

CB ELECTRIC
- Hot water and steam
- 12 to 3360 kW - hot water
- 12 to 2250 kW - steam

TACO COMMERCIAL PUMPS AND HYDRONIC ACCESSORIES

Taco Comfort Solutions is one of the most respected pump manufacturers in the commercial HVAC business.

Products
- Pumps, Accessories, Repair Parts
- Circulators
- Multi-Function Valves
- Controls
- Air-Dirt Separators
- Heat Exchangers
- Storage Tanks
- Buffer Tanks
- Expansion Tanks
- Domestic HW Recirculation
- Building Management Controls

Mfg. Headquarters
Cranston, Rhode Island

Fabrication Facility
Fall River, Massachusetts
FABRICATED SKIDS WITH PRE-PACKAGED CONTROLS, ACCESSORIES AND DOCUMENTS

COMMERCIAL BOILER ACCESSORIES AND TRIM

COMMERCIAL SUCCESS

YAHOO CAMPUS
Sunnyvale, CA
ClearFire-CE Boiler Skid
- 19 boilers
- 8 skids
- 7 buildings

CUSTOM SKID DESIGN
The R.F. MacDonald Co. boiler sales and engineering team supplied 17 hydronic and 2 DHW boilers, totaling 19 boilers on 8 skids. The project required engineering, fabrication and calculated instrumentation. After discussing Yahoo’s requirements, RFM began the CAD and permitting process. With a tight timeline, RFM successfully developed each skid and assisted Yahoo with a complete campus upgrade in less than 4 months.

NOx REQUIREMENTS
Yahoo replaced 18 of its low-efficiency boilers with high-efficiency ClearFire-CE boilers, which meet air quality emissions requirements. The BAAQMD requires sub 30PPM NOx for boilers above 2,000 MBH to 5,000 MBH. The CFC-E meets 20PPM and is available at 9PPM. By choosing the CFC-E, Yahoo also upgraded from an average 65 percent efficiency to an average 90 percent efficiency based on Yahoo’s output set points. The CFC-E offers up to 99 percent efficiency at its peak. The CFC-E comes with complete integrated controls for lead/lag staging, building management connectivity and outdoor-rated protection.
BOILERS AND SYSTEMS

- Full range of commercial boilers from 60,000 to 12 million BTU/HR
- Full range of commercial skid fabrication
- Commercial heating with a compact footprint
- Engineering and design support

PUMPS AND SYSTEMS

- Designed for optimum performance and ease of installation
- Complete range of commercial pumps
- Ideal for HVAC and commercial applications
- i-Alert 2 Performance Monitoring

SERVICES AND RENTALS

- Rental equipment and mobile boiler rooms
- Full aftermarket service and parts support
- Instrumentation and controls
- Full Equipment Startup

BOILER AND PUMP TRAINING

- AFE Certified
- CWEA Certified
- Visit rfmacdonald.com/training