## Aqua Series
Air-Cooled Chillers
10 to 500 Tons

### Selection Guide

#### 30RAP (R-410A)
- **Capacity (tons):** 011* 016* 018* 020* 025* 030* 035* 040* 045* 050* 055*
- **Length (in.):** 67 67 89 89 89 89 89 89 89 89 89
- **Approx. Weight (lbs.):** 762 800 1,125 1,133 1,242 1,283 1,422 1,428 1,438 1,453 1,459

#### 30RAP (R-410A) cont.
- **Capacity (tons):** 060* 070 080 090 100 105 110 115 120 125
- **Length (in.):** 151 151 151 151 151 151 151 151 151 151 151
- **Approx. Weight (lbs.):** 3,783 3,978 4,163 4,249 4,542 4,680 5,008 5,127 5,503 5,641 5,723

#### 30RB (R-410A)
- **Capacity (tons):** 060 070 080* 090* 100* 110* 120* 130* 150* 160* 170*
- **Length (in.):** 95 95 95 142 142 142 142 142 142 142 142
- **Approx. Weight (lbs.):** 3,783 3,978 4,163 4,542 4,680 5,008 5,127 5,503 5,641 5,723 5,783

#### 30XA (R-134a)
- **Capacity (tons):** 080 090 100 110 120 140 160 180 200 220 240
- **Length (in.):** 189 189 189 189 189 189 189 189 189 189 189
- **Approx. Weight (lbs.):** 11,653 11,885 13,585 13,665 14,614 14,783 16,797 16,955 17,873 18,735 18,927

#### 30XA with Greenspeed Intelligence (R-134a)
- **Capacity (tons):** 140 160 180 200 220 240 260 280 300 325 350
- **Length (in.):** 204 204 204 204 204 204 204 204 204 204 204
- **Approx. Weight (lbs.):** 11,653 11,885 13,585 13,665 14,614 14,783 16,797 16,955 17,873 18,735 18,927

*Available with Greenspeed Intelligence (optional)

### Benefits at a Glance

#### For Building Owners & Managers
- Reduced operating costs
- Quiet operation
- Reliable operation
- Environmentally balanced refrigerant

#### For Consulting Engineers
- Simple to select
- ASHRAE 90.1 compliant
- High efficiency
- Reduced energy consumption
- HFC refrigerants

#### For Contractors
- Streamlined installation
- Reduced installation expenses
- Reliable performance
- Easy to start-up and operate
- Plug-and-play hydronics

---

© Carrier Corporation 2016 1-800-CARRIER carrier.com/commercial

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs, without notice and without incurring obligations.
AquaForce® quieter and much more efficient unit with IPLV up to 17.9. Greenspeed® Intelligence, from 10 to 390 tons, delivering energy efficiency requirements. Now available with optional package, while meeting or exceeding ASHRAE 90.1 minimum provide excellent part-load performance in a compact efficient AquaSnap chillers, from 10 to 390 tons, come standard balanced refrigerant in air-cooled chillers. All of the energy-Carrier leads the way, being the first to use environmentally competition — paving the way for the future. Once again, depleting refrigerant — a full six years ahead of the Carrier was the first manufacturer to introduce non-ozone-Environmental Leadership AquaSnap® Series chillers come in two lines:

- AquaForce® chillers with HFC Puron® refrigerant (R-410A)
- AquaSnap® chillers with HFC-134a provide excellent part-load performance in a compact package, while meeting or exceeding ASHRAE 90.1 minimum energy efficiency requirements. Now available with optional Greenspeed® Intelligence, from 10 to 390 tons, delivering a quieter and much more efficient unit with IPLV up to 17.9.

AquaForce® chillers with HFC-134a provide full- and part-load performances in a single chassis exceeding ASHRAE 90.1 standards. The AquaForce chillers are also available with Greenspeed Intelligence with IPLVs up to 18.1. With environmentally balanced refrigerant, simple installation, superior efficiency and powerful controls, these units are ideal for both replacement and new construction projects.

Efficiency Along with cost efficiency in purchase and installation, Aqua Series chillers are also more affordable to operate. They are highly efficient, with full-load energy efficiency ratios (EER) up to 10.9 and integrated part-load value (IPLV) ratings as high as 17.9. The key to Aqua Series chillers’ great operating performance is the use of highly efficient rotary scroll and screw compressors. These compressors use patented sealing techniques, allowing for high volumetric efficiency and low frictional losses. They are maintenance-free and protected by an auto-adaptive control that minimizes wear.

Quiet Aqua Series chillers make their noise in the marketplace, not the workplace. The AquaSnap chiller’s low-sound AeroAcoustic® fan produces up to half the sound level of the propeller fan. Much of the noise reduction is in frequencies where noise is most annoying, which makes AquaSnap chillers ideal for sound-sensitive environments. In addition, Aqua Series chillers offer a low-sound option.

AquaSnap® 30RAP Chillers
- 10 to 150 Tons
- HFC Puron® refrigerant (R-410A)
- Reduced operating costs
- Quiet operation
- Reliable operation
- Plug-and-play hydronics
- Novation® microchannel heat exchanger and round tube plate fin (070-150) coils
- With optional Greenspeed® Intelligence (010-060)
- IPLV up to 16.8

AquaSnap® 30RB Scroll Chillers
- 60 to 390 Tons
- HFC Puron® refrigerant (R-410A)
- Simple to specify
- ASHRAE 90.1 compliant
- Streamlined installation
- Reduced installation expenses
- Plug-and-play hydronics
- Full heat recovery option
- With optional Greenspeed® Intelligence
- IPLV up to 17.1

AquaForce® 30XA Screw Liquid Chillers
- 80 to 500 Tons
- HFC-134a refrigerant
- Reliable performance
- Easy to start up and operate
- High efficiency
- Reduced energy consumption
- Plug-and-play hydronics
- Direct expansion cooler option for low leaving fluid temperatures
- Greenspeed Intelligence version from 140 to 350 Tons
- IPLV up to 18.1
- Variable speed compressors and condenser fans

AquaForce® 30RB Scroll Chillers
- 60 to 390 Tons
- HFC Puron® refrigerant (R-410A)
- Simple to specify
- ASHRAE 90.1 compliant
- Streamlined installation
- Reduced installation expenses
- Plug-and-play hydronics
- Full heat recovery option
- With optional Greenspeed® Intelligence
- IPLV up to 17.1

AquaSnap® 30RB Scroll Chillers
- 60 to 390 Tons
- HFC Puron® refrigerant (R-410A)
- Simple to specify
- ASHRAE 90.1 compliant
- Streamlined installation
- Reduced installation expenses
- Plug-and-play hydronics
- Full heat recovery option
- With optional Greenspeed® Intelligence
- IPLV up to 17.1