



Ultimate  
Comfort

Ultimate  
Efficiency

Ultimate  
Value



## **iFLOW HYDRONIC FURNACES**

Exceptional Comfort Solutions Delivered

- ✓ Industry's Best Efficiency
- ✓ Lowest Speeds for Less Cycling and Longer Run Times
- ✓ Ultimate Temperature Consistency & Comfort
- ✓ Quieter Operation
- ✓ Longer Equipment Life
- ✓ Reduced Emissions for Less Global Warming
- ✓ Wi-Fi and Smartphone App for Ease & Convenience
- ✓ Excellent Warranty







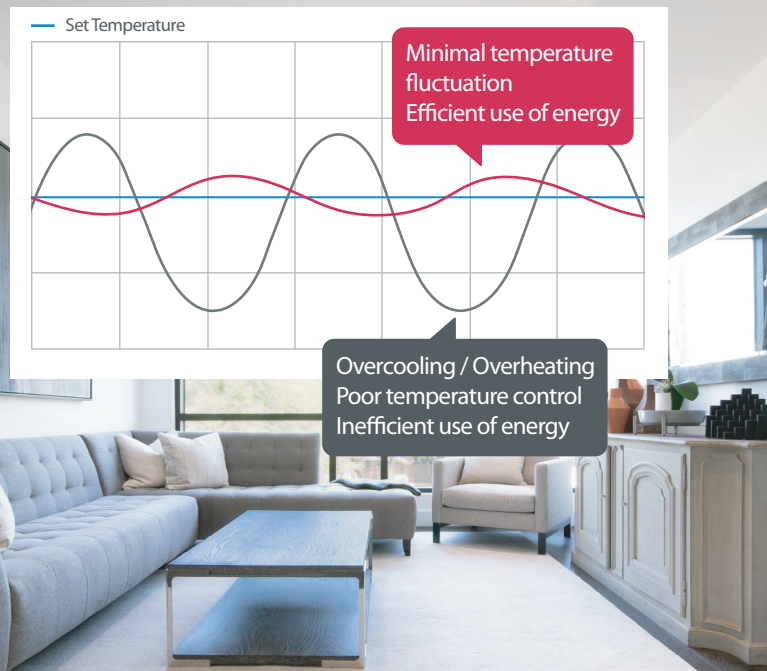
## Most of us spend the majority of our time at home

### Shouldn't we make it the most comfortable it can be?

Upgraded amenities like appliances, countertops and flooring look great but your mechanical system is most critically important as it will provide your daily home comfort 24/7/365, and will also determine your monthly energy costs for years come!

iFLOW creates solutions that deliver better home comfort, more energy savings, and great value, with excellent reliability backed up by the best warranty.

## Ultimate Comfort with Full Modulation

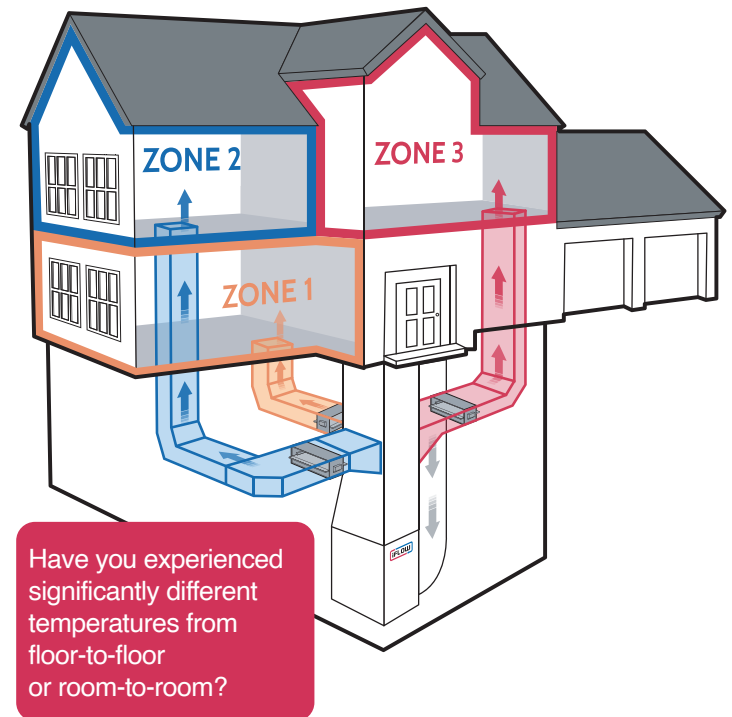


An iFLOW Hydronic Furnace runs at 100 different speeds: From 1% to 100%, the iFLOW adjusts in 1% increments to deliver only the right amount of conditioned air flow you need, resulting in much less on/off/on/off cycling for longer run times, smoother temperature delivery, much better comfort and significantly improved efficiency.

For more information on modulation and zoning, scan this QR Code.  
<https://www.iflowhvac.com/ultimate-comfort/>



## Ultimate Comfort with Zoning



### Too hot upstairs? Too cold in the basement?

iFLOW solves this issue by incorporating zoning control into many of its models. Zoning divides your home into similar comfort sections. A home can be divided floor-by-floor, by direction (north/south/east/west facing) or by function (bedrooms, kitchen/living room/great room, etc.). Each zone is then thermally controlled independently using the iFLOW damper system, to maintain ultimate comfort wherever you need it in your home.

# Ultimate Efficiency

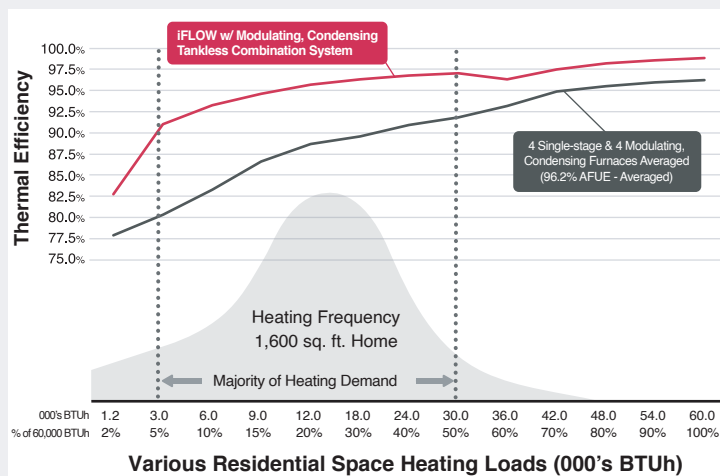
**Highest efficiencies = lowest energy bills!**

And a much greener planet. iFLOW combination systems can outperform even the highest AFUE rated, Energy-Star labelled furnaces by a average of **9%** because of their exceptional hardware and software engineering. iFLOW is unrivaled in terms of efficiency optimization, most often delivering 95%~98% with mod/con tankless, combi-boilers or boilers, and even greater when paired with heat pumps. On average, an iFLOW combi-system delivers **payback** in 3.5 years.

For more information on efficiency, scan this QR Code.  
<https://www.iflowhvac.com/ultimate-efficiency/>



# iFLOW Combi-System vs. Condensing Furnaces Averaged



**An iFLOW combi-system may be the ultimate in comfort, but it also needs to make financial sense.**



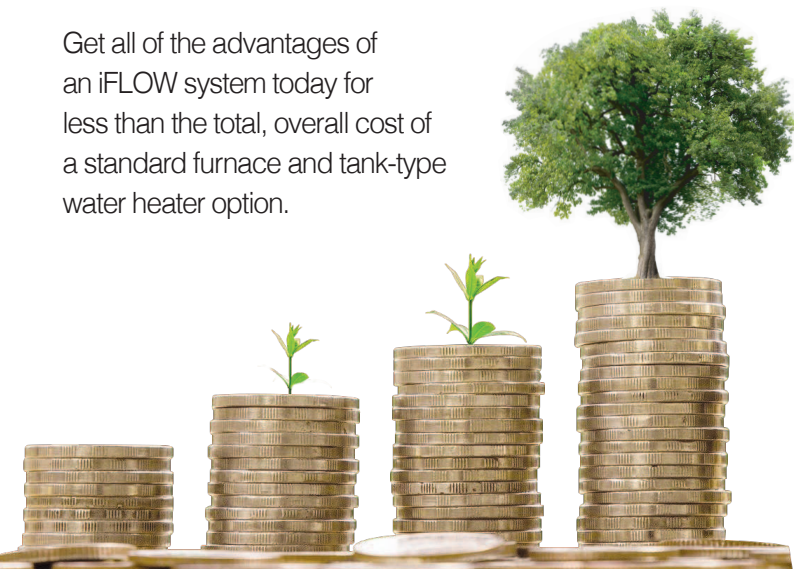
**Save Energy**



**Save Money**

Consider this: the monthly cost of upgrading to an iFLOW combi-system can be completely surpassed by the monthly energy savings, keeping money in your pocket from day 1.

Get all of the advantages of an iFLOW system today for less than the total, overall cost of a standard furnace and tank-type water heater option.



For more information on the cost advantage of an iFLOW Combi-System, scan this QR Code or visit:  
<https://www.iflowhvac.com/the-value-proposition/>



# iFLOW Reduces Environmental Footprint

iFLOW Hydronic Furnaces offer contractors, builders, engineers and HVAC designers, the flexibility to create systems with exceptional efficiencies.



Greenhouse gas (GHG) emission reduction is a function of the premium efficiency of the iFLOW Combi-System you create. Reductions can range from -10% to -50%, but are typically between -20% to -30%.

For more information on the environmental benefits of an iFLOW Combi-System, scan this QR Code or visit:  
<https://www.iflowhvac.com/environmental/>







## Convenient Technology

Get all the convenience of a smart thermostat ready to go with iFLOW Wi-Fi!



iFLOW Hydronic Furnaces come in models with Wi-Fi enabling full home comfort monitoring and control, all remotely from your smartphone. Easily connect to your home network and in iFLOW's Smart mode, control your home heating and cooling temperature settings, timer scheduling, daytime and nighttime setbacks, zoning control and zone setbacks.

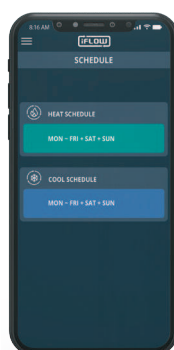


GET IT ON  
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Available on the  
**App Store**



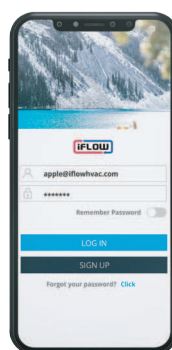
Monitoring



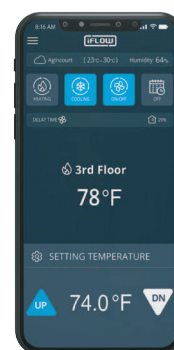
Schedule



Heating Schedule



Log In



Single Zone



Quad Zone



## Best Warranty in North America

iFLOW produces not only the most technologically advanced Hydronic Furnaces in the North America, but also the most reliable and dependable, backed by the best hydronic furnace warranty in the business. Count on iFLOW to deliver worry-free performance, comfort and savings for years to come with its Limited Lifetime Warranty!



For more information on warranty,  
scan this QR Code.  
<https://www.iflowhvac.com/warranty/>





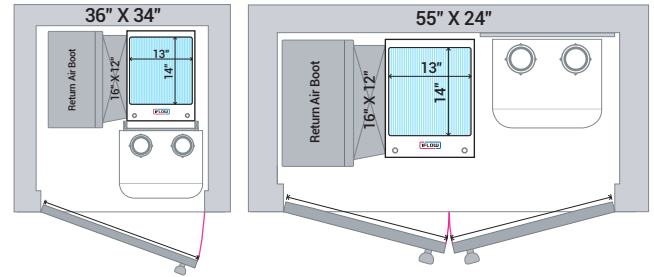


## Installs complete in as small as a 3'x 3' closet

- Frees up valuable square footage
- For condos, townhouses & single family homes
- Full modulation enables custom load matching to manage whole home loads and partial loads efficiently and comfortably
- Eliminates oversizing/undersizing with auto 'right sizing' every installation

8.5 sq. ft.

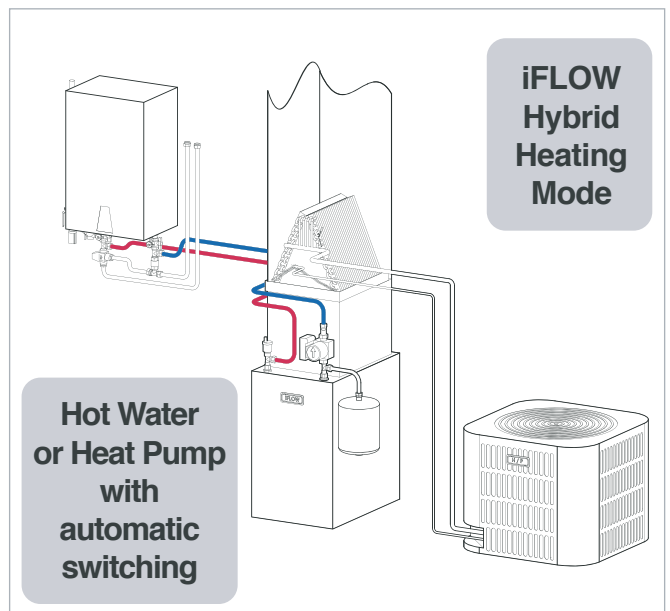
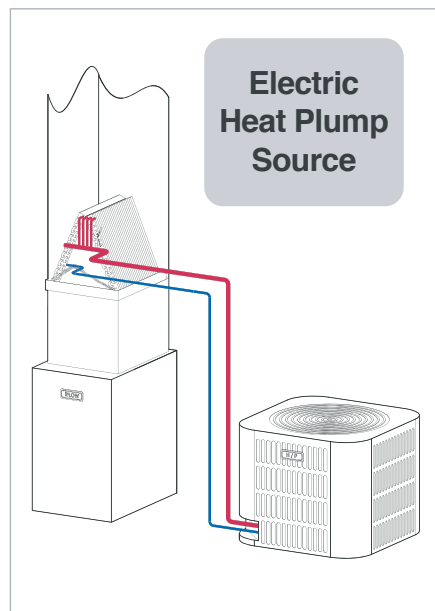
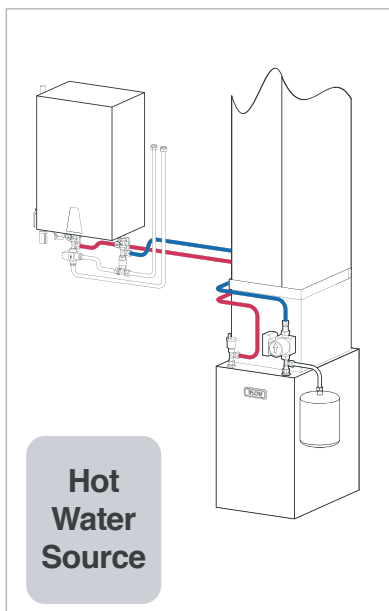
9.2 sq. ft.



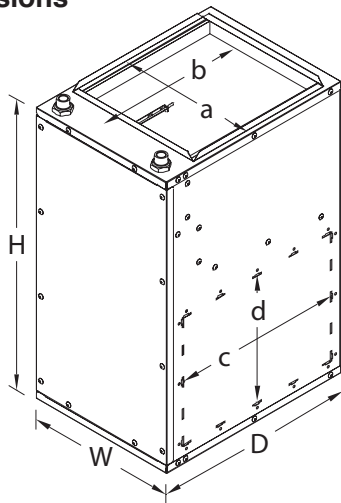
**EZEE Plumbing Kit**

## Installation Flexibility

- Install with any energy & heat source (gas or electric; tank, tankless, combi-boiler, boiler or heat pump)
- Multi-positional (upflow, downflow, horizontal, hanging)
- Heat source and iFLOW can be installed in separate locations
- Left side, right side or bottom return
- Operates at low, medium or high external static pressure up to 1.5\"/>



## Dimensions



| Model    | iFLH-14 Series                              |          | iFLH-16 Series |          | iFLH-18 Series |          |
|----------|---|----------|----------------|----------|----------------|----------|
| Width    | 14 "  | 355.6 mm | 16 "           | 406.4 mm | 18 "           | 457.2 mm |
| Depth    | 18 3/4 "                                    | 476.3 mm | 20 3/4 "       | 527.1 mm | 25 3/4 "       | 654.1 mm |
| Height   | 27 1/8 "                                    | 689.0 mm | 27 1/8 "       | 689.0 mm | 29 1/8 "       | 739.8 mm |
| a        | 13 "  | 330.2 mm | 14 "           | 355.6 mm | 16 "           | 406.4 mm |
| b        | 14 "  | 355.6 mm | 16 "           | 406.4 mm | 20 "           | 508.0 mm |
| c        | 16 "  | 406.4 mm | 18 "           | 457.2 mm | 23 "           | 584.2 mm |
| d        | 12 "  | 304.8 mm | 13 "           | 330.2 mm | 14 "           | 355.6 mm |
| Weight   | 63 lb                                       | 28.6 kg  | 71 lb          | 32 kg    | 2.5 lb         | 42 kg    |
| Material | Cold Roll Steel Sheet Metal / Powder Coated |          |                |          |                |          |

## Specifications

| Description                                   |               | iFLH-14 Series   | iFLH-16 Series   | iFLH-18 Series   |
|---|---------------|--|------------------|------------------|
| Heating Capacity @ Entering Water Temperature | 120 °F        | 27,834 BTUH  | 34,211 BTUH      | 42,376 BTUH      |
|   | 130 °F        | 33,478 BTUH  | 41,357 BTUH      | 50,966 BTUH      |
|   | 140 °F        | 37,729 BTUH  | 48,379 BTUH      | 59,632 BTUH      |
|   | 150 °F        | 44,998 BTUH  | 55,485 BTUH      | 68,334 BTUH      |
|   | 160 °F        | 50,869 BTUH  | 62,632 BTUH      | 77,065 BTUH      |
|   | 170 °F        | 56,941 BTUH  | 69,769 BTUH      | 85,648 BTUH      |
|   | 180 °F        | 62,786 BTUH  | 76,982 BTUH      | 94,633 BTUH      |
| Flow Rate                                     | LPM / GPM     | 11.4 / 3   | 11 / 2.9         | 10.6 / 2.8       |
| Return Air Temp.                              | °C / °F       | 22 / 72  | 22 / 72          | 22 / 72          |
| E. S. P.                                      | inWC          | 0.6 / 1.2  | 0.6 / 1.5        | 0.6              |
| Airflow                                       | SCFM          | 941 / 824  | 1,222 / 1,009    | 1,423            |
| Cooling Capacity                              | Ton           | 1 - 2  | 1.5 - 3          | 2 - 4            |
| Voltage                                       | ACV / Hz / Ph | AC 120V 60Hz 1Ph   | AC 120V 60Hz 1Ph | AC 120V 60Hz 1Ph |
| Motor   | HP            | 1 / 2  |                  | 3 / 4            |
|   | Type          | Variable Speed, Constant Airflow ECM (Genteq EON)                |                  |                  |
|   | W             | 431/393  | 519/516          | 592              |
| Piping Connection                             | Supply        | Outside Diameter : 3/4 " Male NPT / Inner Diameter : 1/2 " Sweat |                  |                  |
|   | Return        | Outside Diameter : 3/4 " Male NPT / Inner Diameter : 1/2 " Sweat |                  |                  |
| Hydronic Heating Coil                         |               | Aluminum Ultra-Efficient Fins, Copper Tubing                     |                  |                  |

## Products

| BASE MODELS              |
|--------------------------|
| iFLH-140000(B)           |
| iFLH-160000(B)           |
| iFLH-180000(B)           |
| Wi-Fi MODELS             |
| iFLH-14000W              |
| iFLH-16000W              |
| iFLH-18000W              |
| ZONING & Wi-Fi MODELS    |
| iFLH-16000D (Two Zones)  |
| iFLH-18000D (Two Zones)  |
| iFLH-18000Q (Four Zones) |



Intertek



Intertek



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www.iflowhvac.com

## Accessories

|   |  |  |  |  |   |
|---|--|--|--|--|---|
|   |  |  |  |  |   |
| <b>EZEE Plumbing Kit</b><br>Hot side isolation valve set (union, isolation valve, drain valve, pressure relief valve), Cold side isolation valve set (union, isolation valve, drain valve, air purge valve), Thermostatic mixing valve, Grundfos UPS15-58RU circulator w/union connections & check valve, Return connection w/mini-expansion tank, Supply connection w/ air vent, Corrugated stainless steel piping |  | <b>Rectangular Dampers</b><br>8"x8", 10", 12", 14", 16", 20", 24" (H x L)<br>AC 24V 5W 3 Wire ( Open / Com / Close ) 22 ~ 18 AWG<br>Includes Zone Temperature Sensor | <b>Round Dampers</b><br>Ø : 6", 7", 8", 10", 12" | <b>EZEE TWH Service Valve Kit</b><br>Fits any tankless water heater with 3/4" Male NPT connection fittings | <b>iFLOW Universal Stand</b><br>Height: 75"<br>Width: 15"-19" |