

Money Saving Features

So, how is it that Fujitsu mini-splits are more energy efficient than other heating and cooling systems available today? They are designed and engineered to meet or exceed strict government standards for energy efficiency. Fujitsu features the most energy efficient heat pump in North America.

Individual Zone Control

Halcyon systems can have multiple indoor air handlers (covering multiple zones or areas) connected to one outdoor unit. Since each of the zones will have its own thermostat, you only heat or cool the areas you want, and not the areas that are unoccupied.

Ductless Design

Why pay to heat or cool ductwork? Since mini splits have little-to-no ducting, they forego those energy losses typically associated with central forced-air systems.

Inverter Technology

Inverter technology allows the outdoor unit to vary its speed and output to match the required capacity of the indoor unit, therefore achieving 30% more operating efficiency than conventional models making it much less expensive to run.

High Efficiency Ratings

SEER and HSPF ratings measure how efficiently a cooling or heating system will operate over an entire season. Fujitsu features the highest, most efficient ratings in North America.

Federal Tax Credit

Homeowners can claim 30% of the costs (up to a \$1,500 limit) for the installation of several qualifying Fujitsu heat pumps, in years 2009 and 2010. The tax credit applies to equipment and labor costs.

Utility Company Rebates

To encourage customers to buy energy efficient products, many local utility companies offer rebates of up to \$1,200 for the purchase of a Fujitsu system.

Mix and Match Styles to Fit Any Space



Ceiling Cassette

Very discreet - only the grille shows in the ceiling. The latest fan technology is used to distribute the conditioned air evenly.

Wall Mounted

They mount high on a wall, out of sight and do not require ductwork, increasing energy efficiency.



Concealed Ceiling

Mounted in a ceiling or in a framed enclosure below a ceiling. They use minimal ductwork and remain very energy efficient.



FUJITSU



Mini-Split Air Conditioners and Heat Pumps

Efficient cooling and heating for year-round, whole-home comfort.

Calculate your energy savings inside!



FUJITSU

Fujitsu General America, Inc.
353 Route 46 West
Fairfield, NJ 07004
Toll Free: (888) 888-3424
Local: (973) 575-0380
Fax: (973) 836-0447
Email: hvac@fujitsugeneral.com
www.fujitsugeneral.com



Printed in the USA
Rev. 10/09
Part #6-26-FG2032

A subsidiary of
Fujitsu General Limited

Halcyon



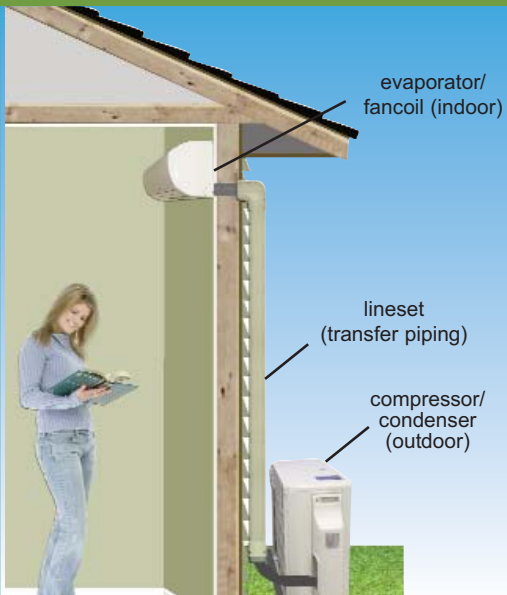
Fujitsu Mini-Splits: Year-Round, Whole-Home Energy Efficient Comfort Solutions

What is a Heat Pump?

Heat pumps provide year-round heating and cooling solutions. Like your refrigerator, heat pumps use electricity to pump refrigerant and transfer heat from one space to another. When we transfer heat from within our home to the outdoors, we call it "air conditioning". Conversely, when we transfer heat from the outdoors to within the home, we call it a "heat-pump".

Don't Replace, Add

Even when a heat pump cannot provide enough heat for the coldest climates it can cut down on your fossil fuel costs. If winter temperatures in your area drop below 14°F, heat pumps can be combined with fossil fuel equipment to create a dual-fuel system (part electric, part oil, gas or propane), minimizing expensive fossil fuel costs. Some Fujitsu heat pumps are rated down to 5°F or even 0°F. A load calculation should be performed for proper sizing.



Calculate Your Energy Savings

Cost to Heat or Cool Your Home Today

Calculate your current heating and cooling costs. You will need your most recent utility bill to calculate figures below.

COOLING

- A.** Calculate your current **central air** cost *Example*
- Your cost per kWh (\$.15)
 - Multiply line 1 by 100 (\$15)
 - Enter your system SEER* (10.0)
**Typically located on the model label of your outdoor unit.*
 - Divide line 2 by line 3 (\$1.50)
- Line 4 is your current cost per 100,000 BTU of cooling**

HEATING

Calculate your current heating system cost. Choose one.

- B.** If you have a **gas or propane-fired system** *Example*
- Your cost per Therm (\$1.50)
 - Enter the AFUE* of your system (.83)
**Typically located on the model label of your boiler or furnace.*
 - Divide line 1 by line 2 (\$1.81)
- Line 3 is your current cost per 100,000 BTU of heating**

- C.** If you have an **oil-fired system** *Example*
- Your cost per gallon (\$2.15)
 - Multiply line 1 by .72 (\$1.55)
 - Enter the AFUE* of your system (.83)
**Typically located on the model label of your boiler or furnace.*
 - Divide line 2 by line 3 (\$1.87)
- Line 4 is your current cost per 100,000 BTU of heating**

- D.** If you have a **heat pump** *Example*
- Your cost per kWh (\$.15)
 - Multiply line 1 by 100 (\$15)
 - Enter the HSPF* of your system (8.0)
**Typically located on the model label of your outdoor unit.*
 - Divide line 2 by line 3 (\$1.88)
- Line 4 is your current cost per 100,000 BTU of heating**

- E.** If you have **electric heat** *Example*
- Your cost per kWh (\$.15)
 - Multiply line 1 by 29.31 (\$4.40)
- Line 2 is your current cost per 100,000 BTU of heating**

Or, Heat or Cool Your Home with Fujitsu

Calculate what your heating and cooling costs would be if you replaced your older system with Fujitsu mini-splits.

COOLING

- F.** Calculate cooling cost using a **Fujitsu system** *Example*
- Your cost per kWh (\$.15)
 - Multiply line 1 by 100 (\$15)
 - Enter the Fujitsu system SEER* (26.0)
**This can be provided by your contractor.*
 - Divide line 2 by line 3 (\$.58)
- Line 4 is your Fujitsu cost per 100,000 BTU of cooling**

HEATING

- G.** Calculate heating cost using a **Fujitsu system** *Example*
- Your cost per kWh (\$.15)
 - Multiply line 1 by 100 (\$15)
 - Enter the Fujitsu system HSPF* (12.0)
**This can be provided by your contractor.*
 - Divide line 2 by line 3 (\$1.25)
- Line 4 is your Fujitsu cost per 100,000 BTU of heating**

CALCULATE YOUR SAVINGS

COOLING

- Step 1.** Enter line A-4
- Step 2.** Enter line F-4
- Step 3.** Subtract Step 1 from Step 2
- Step 4.** Divide Step 3 by Step 1 and multiply by 100 to calculate your percentage of cooling savings:

%*

HEATING

- Step 1.** Enter line B-3, C-4, D-4, or E-2
- Step 2.** Enter line G-4
- Step 3.** Subtract Step 1 from Step 2
- Step 4.** Divide Step 3 by Step 1 and multiply by 100 to calculate your percentage of cooling savings:

%*

* We have gone to great lengths to make this tool accurate, yet simple for homeowners to use. However, operating cost calculations are complex and take many factors into account, not all of which can be considered in this calculator without requiring more detailed information and increased time to complete. Use this estimate as a general guide to potential savings and not absolute savings. To better estimate your savings, please contact a Halcyon Dealer.