

# SAMSUNG Hylex™ An HVAC game changer.

The Hylex™ unit is a universal, inverter-driven heat pump that serves as a direct replacement for a traditional cooling-only or heat pump unitary outdoor unit. In other words, the game is about to change for residential HVAC.



Product Registration Required  
Conditions Apply

Now stocking the following part#'s

<b>AC024BXUPCH-AA</b>	2 TON HYLEX HEAT PUMP OUTDOOR UNIT SAMSUNG	<b>\$2,157.81</b>
<b>AC036BXUDCH-AA</b>	3 TON HYLEX HEAT PUMP OUTDOOR UNIT SAMSUNG	<b>\$2,270.48</b>
<b>AC036BXUPCH-AA</b>	3 TON HYLEX HEAT PUMP HE OUTDOOR UNIT SAMSUNG	<b>\$2,494.37</b>
<b>AC048BXUPCH-AA</b>	4 TON HYLEX HEAT PUMP OUTDOOR UNIT SAMSUNG	<b>\$2,719.70</b>
<b>AC060BXUPCH-AA</b>	5 TON HYLEX HEAT PUMP OUTDOOR UNIT SAMSUNG	<b>\$2,888.70</b>
<b>MXD-U000XN</b>	HYLEX ACU CONTROL KIT SAMSUNG <i>(Price above includes the required MXD-U000XN Control Kit)</i>	

## Features & Benefits

- Capacities from 2-5 tons; single and double fan options for 3 Ton unit
- Single fan option when compact installations are needed, two-fan option for maximum efficiency
- SEER2 up to 18.5
- HSPF2 up to 9.0
- Connects to any coil with TXV (conditions apply)
- Can be used with a furnace or A-coil for dual fuel applications<sup>1</sup>
- Configure as heat pump or cooling-only
- Compatible with virtually any 24VAC thermostat
- Features full variable speed compressor with wide modulation
- Base pan heater as standard
- Operating range:
  - Cooling: -4°F (-20°C) ~ 125°F (51.7°C)
  - Heating: Down to -13°F (-25°C)
    - 100% rated heating capacity at 5°F (-15°C) outside temperature<sup>2</sup>
- Reuse Existing Controls Wiring
- Reuse Existing Refrigerant Piping



Hylex Brochure



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Overview

The Hylex™ from Samsung is compatible with virtually any existing HVAC system out there. Even better, there’s practically no additional equipment needed - no new wires, lines sets or piping when replacing a traditional cooling-only or heat pump unitary outdoor unit. This also makes for much faster and easier installation.

Samsung’s innovative design also provides three fan speed control of the indoor unit which increases efficiency, optimizes dehumidification, and reduces sound.

With electrification initiatives driving the consumer decision making process, Hylex™ units were designed for mild to the harshest climates where heat pumps are being installed in place of fossil fuel systems. To promote optimal water drainage during defrost cycles, each unit is equipped with a base pan heater as standard. To ensure the system is configured properly, Samsung has created a web-based tool that asks the installer general system questions and provides a summarized settings report. No special programming tools or computers are required to configure the system.

Exclusive Samsung Hylex™ Features:

- Maintains 100% heating performance down to 5°F
- Fan control during defrost
- 2 wire HP connection
- IDU fan speed control



Specifications

	SAMSUNG HYLEX™	GREE FLEXX	BOSCH INVERTER DUCTED SPLIT SYSTEM IDS 2.0	DAIKIN FIT	FUJITSU HALCYON MPAH	RHEEM CLASSIC PLUS RP**17	MITSUBISHI PVA/PUZ-AH*	CARRIER 40MBAAQ*/38MARBQ* & 38MBRBQ*
CAPACITY	24K-60K (INDIVIDUAL UNITS)	24K - 60K (FIELD CONFIGURABLE)	24K - 60K (FIELD CONFIGURABLE)	18K - 60K (INDIVIDUAL UNITS)	24K - 48K (INDIVIDUAL UNITS)	24K - 48K (INDIVIDUAL UNITS)	24K - 42K (INDIVIDUAL UNITS)	24K - 48K (INDIVIDUAL UNITS)
HEATING RANGE	-13 - 75°F	-22°F TO 75°F	-4°F TO 86°F	-20°F TO 70°F*	-5°F TO 75°F	-5°F TO 75°F	-13°F TO 75°	-22°F TO 86°F
COOLING RANGE	-4 - 125°F	5°F TO 129°F	15°F TO 125°F	0°F TO 115°F**	-5°F TO 115°F	-5°F TO 115°F	0°F TO 115°F	-22°F TO 130°F/ -13°F TO 122°F
FLEXIBLE SIZING OF OUTDOOR UNIT	24K/36K/36K/48K/60K (INDIVIDUAL UNITS)	24/36K OR 48/60K (FIELD CONFIGURABLE)	24/36K OR 48/60K (FIELD CONFIGURABLE)	18/24/30/36/42/48/60K (INDIVIDUAL UNITS)	24/30/36/48K (INDIVIDUAL UNITS)	24/30/36/48K (INDIVIDUAL UNITS)	24/30/36/42K (INDIVIDUAL UNITS)	24/36/48K (INDIVIDUAL UNITS)
24VAC INTERFACE	YES (FACTORY INSTALLED)	YES (FACTORY INSTALLED)	YES (FACTORY INSTALLED)	NO (PROPRIETARY CONTROL REQUIRED)	YES (FIELD INSTALLED OPTION)	YES (FIELD INSTALLED OPTION)	YES (FIELD INSTALLED OPTION)	YES (FIELD INSTALLED OPTION)
OUTDOOR UNIT DISCHARGE DESIGN	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL
SMALL, NARROW FOOTPRINT OF ODU	YES	YES	NO	YES	YES	YES	YES	YES
SOUND LEVEL OF ODU	DOWN TO 50 DB(A)	DOWN TO 45 DB(A)	DOWN TO 56 DB(A)	DOWN TO 60 DB(A)	DOWN TO 53 DB(A)	DOWN TO 53 DB(A)	DOWN TO 51 DB(A)	DOWN TO 62 DB(A)
PIPE LENGTH (MIN/ MAX)	98 / 164 FT.	15 / 150 FT.	15 / 150 FT.	15 / 100 FT.	16 / 164 FT.	16 / 164 FT.	16 / 165 FT.	10 / 213 FT.
MAX. PIPE ELEVATION	49 / 98 FT.	50 FT.	50 FT.	90 FT.	98 FT.	98 FT.	100 FT.	98 FT.

\*Line set length >= 30 ft will have heating operation lockout at 15°F

\*\*Line set length should be <=50 ft if normal cooling mode ambient temperature is below 14°F

Select models are ENERGY STAR® labeled. Proper sizing and installation of equipment is critical to achieve performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov)

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