



YD5 Heat Pump
& JDE Air Handler
Variable Speed System

A balance of efficiency, comfort, and value

2-5 Tons
Up to 18 SEER2 | 8.5 HSPF2



Experience Reliable High Efficiency Comfort



Energy-Smart Climate Comfort Solution

This ENERGY STAR-rated system combines the highly efficient YD5 heat pump with our exceptional JDE two stage x13 ECM style air handler. With enhanced dehumidification and higher efficiency, this system delivers affordable comfort with minimal energy usage. The system's intelligent features work seamlessly with your thermostat to automatically adjust to your preferences, while integrated sound dampening features ensure quiet operation for your peace of mind. The system is equipped with R-454B refrigerant and meets the requirements for a lower-GWP A2L refrigerant solution.



YD5

JDE





Features

- Up to 18 SEER2 and 8.5 HSPF2
- Fully-modulating inverter drive
- Sound levels as low as 56 dBA
- System capacity ranging from 24K to 60K
- Compatible with most 24 VAC thermostats
- YORK® engineering & quality
- 10-year residential limited warranty§

Installer Friendly

- Designed for easy installation
- Intuitive controls
- Support readily available
- Spare parts readily available
- Easy to maintain and service
- On-board diagnostics
- In-app guides to assist installation

§ Please go to www.york.bosch-hcgroup.com for full limited warranty details.

Why choose a YORK® System

Quiet Comfort Achieved

Through the use of silent blade technology, sound isolating mounts and outdoor condensing section placement - this system can deliver outdoor sound levels as low as 56 dBA - which is far superior to any standard system on the market.

Consume Only the Energy You Need

Modulating inverter systems deliver only the amount of hot or cool air needed to achieve the desired temperature – no more, no less.

Peace of Mind

The YD5 heat pump and JDE air handler can also be paired with a backup electric heat element or a YORK® Furnace to create a dual fuel system for added peace of mind during the colder months.

Energy Use is Even and Steady

The frequent on and off of traditional units creates an in-rush current surge which uses more energy and causes unneeded wear and tear on your system. The YORK® inverter system smoothly ramps up operation, avoiding spikes in energy use and protecting the system's life-cycle.

Fast Response

The boosted compressor speed of inverter systems allows for quicker, smoother and more efficient heating and cooling.

10-year Residential Limited Warranty§

Receive up to 10-years protection on parts and up to 2-years on gateway connectivity components. This standard offering covers all components incorporated at the time of manufacture. All other components or parts that are purchased for a YORK product and installed in the field have a 1-year parts warranty.



FOR CONTRACTORS

GoTemp Pro App

Faster. Stronger. More Powerful.



Bluetooth
Connectivity



Product
Registration



Extended
Warranty*

Unlock unit Insights

- Easily access installation manuals, wiring drawings, tech guides, product registration, warranty, start-up section and controls information when the user scans the unit's QR code or enters the unit's serial number.

The Right Parts, Every Time

- Know exactly what parts and tools you'll need before you arrive to complete jobs more efficiently.

Bluetooth® connectivity

- Connect seamlessly to Bluetooth enabled products to view system data and diagnostics saving time and improving efficiency.

Easier warranty navigation

- All warranty information such as product registration, check warranty status, enter warranty claims and purchase extended warranty in the Warranty tab, helping users find what they need faster.
- An App exclusive*: unlock premium extended warranties' upon training completion for no additional cost.

*An additional labor warranty of 3, 6, or 12 months is available, depending on the unit type and certification credentials.



FOR HOMEOWNERS

GoTemp Home App

Smart Comfort. Smart Savings. Smart Living.



Control
Comfort



Track
Energy

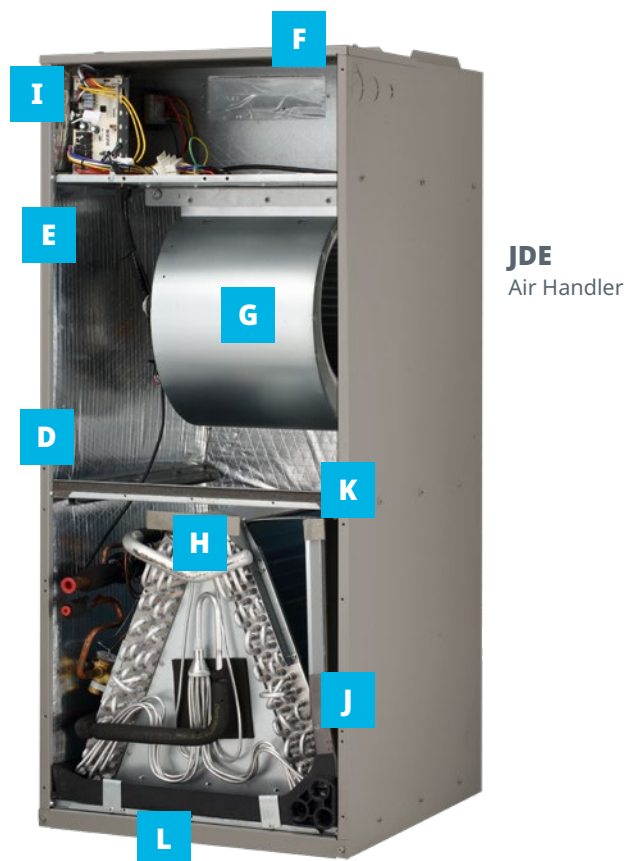
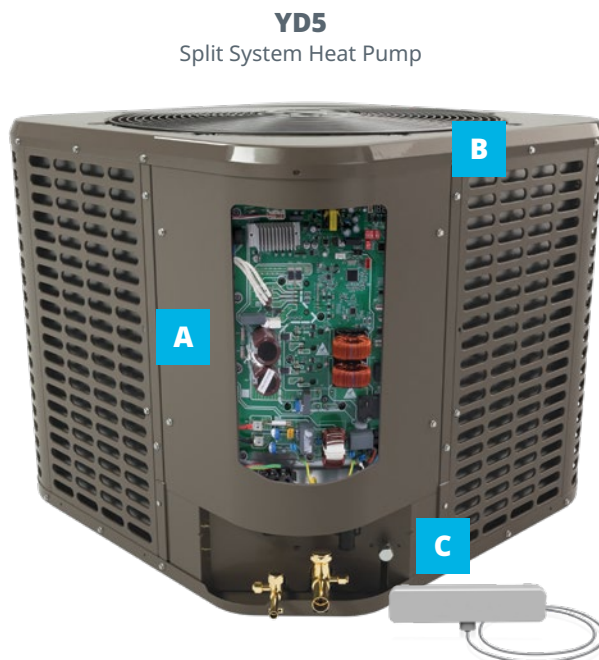


Get
Alerts

- Adjust your schedule anytime or enable vacation mode to save energy while away.
- Manage unlimited thermostats with up to four schedules each for maximum comfort
- Monitor your energy usage and read tips on how to boost your efficiency and save more.
- Get notified about warnings and alerts regarding your unit through the app.



YD5 & JDE Components Features & Benefits



A Intelligent control features help adjust the output capacity, allowing the unit to keep the temperature at your desired level without fluctuation and to keep humidity in check during the summer months. Whether it be summer or winter, the system keeps your home comfortable and the living conditions to your desired taste.

B The high-efficiency variable capacity inverter compressor in the condensers can adjust to speeds ranging from 35% to 138% (in 1% increments) to perfectly cool and heat your home using minimal energy for maximum comfort.

C Featuring wireless connectivity as well as in-app warranty registration, installation, and troubleshooting, the YD5 provides an interactive Internet of Things (IoT) platform for contractors and homeowners.

The YD5 Connected enables connectivity features while offering the same performance and comfort as the existing model.⁽¹⁾

D Material – Foil-faced insulation material on the inner walls decreases energy loss and reduces condensation.

E Cabinets – Painted galvanized steel cabinet is salt spray tested for improved durability and corrosion-resistance.

F Electric Heat – Can accommodate electric heat with no modification to the cabinet for additional heat on-demand when you need it most.

G Two-stage ECM motor in the JDE – Indoor blower stages up and down to provide enhanced comfort, energy savings, and superior humidity control.

H All-Aluminum Coil – With excellent heat transfer, efficiency, and humidity removal, the A-coil is more durable and has a lower chance of refrigerant leakage compared to typical copper coils.

I Control Board Box – A dedicated slot for the control board protects it from humidity in the airstream and extends its lifetime.

J Integrated Drain Pan – Made from corrosion-resistant composite material, gently sloped to reduce standing water.

K Drain Pan – Flexibility for vertical or horizontal applications.

L Filter Rack – Change to factory installed, provides convenience for field installation and serviceability.

(1) Connected features available through the GoTemp Home app are offered free of charge for 36-months, Afterwards, certain fees may apply. For more information see Section 3.4 of the Mobile App Terms and Condition.

YD5 & JDE System & Technical Information

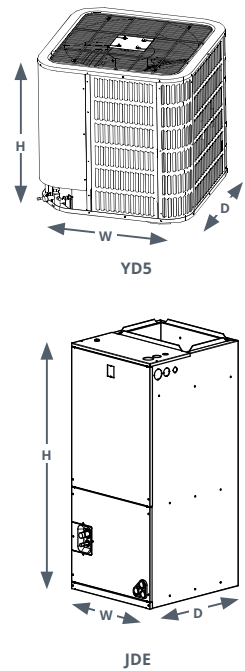
YORK® YD5 + JDE AHRI 210/240 - 2024 PERFORMANCE DATA							
YD5 OUTDOOR HEAT PUMP UNIT MODEL	JDE INDOOR AIR HANDLER MODEL	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)		
		TOTAL	EER ²⁽³⁾	SEER ²⁽⁴⁾	HI	HSPF ²⁽⁵⁾	LOW
❄️ YD524E2D11	JDE24E5XX2DS1	24000	12.0	18.0	24000	8.5	19000
❄️ YD536E2D11	JDE24E5XX2DS1	24000	12.0	18.0	24000	8.5	21000
YD536E2D11	JDE36E5XX2DS1	34200	10.0	17.0	34200	8.5	24600
❄️ YD560E2D11	JDE48F5XX2DS1	34200	12.0	17.0	34200	8.5	34200
❄️ YD560E2D11	JDE36E5XX2DS1	46000	11.7	17.0	47000	8.5	38000
YD560E2D11	JDE60F5XX2DS1	55000	10.0	17.0	56000	8.5	40000

Blue Text = ENERGY STAR Certified V6.1. ❄️ = ENERGY STAR V6.1 Cold Climate and ENERGY STAR V6.1 certified. (3) Energy Efficiency Ratio; Certified per AHRI 210/240. (4) Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240. (5) HSPF = Heating Seasonal Performance Factor; Certified per AHRI 210/240.
Note: Always check the rating plate for electrical data on the unit being installed. The listed data is for reference only.
Please consult www.york.bosch-hcgroup.com for further details.

YORK® YD5 + JDE DESCRIPTION & DIMENSION				
SKU	DESCRIPTION	WIDTH (W)	HEIGHT (H)	DEPTH (D)
YD5 OUTDOOR HEAT PUMP UNIT				
YD524E2D11	24 kBTU/hr (2 ton)	28.000	24.938	28.000
YD536E2D11	36 kBTU/hr (3 ton)	28.000	24.938	28.000
YD560E2D11	60 kBTU/hr (5 ton)	29.125	33.188	29.125
JDE INDOOR AIR HANDLER				
JDE24E5XX2DS1	24 kBTU/hr (2 ton)	19.625	46.5	21.625
JDE36E5XX2DS1	36 kBTU/hr (3 ton)	19.625	46.5	21.625
JDE48F5XX2DS1	48 kBTU/hr (4 ton)	22.0	54.5	24.0
JDE60F5XX2DS1	60 kBTU/hr (5 ton)	22.0	54.5	24.0

Note: The part number you receive may include an “A” or “B” suffix based on inventory availability. Customer Service will confirm the correct suffix after a purchase order is issued.

CDM CASED COIL DIMENSIONS						
SKU	CASED			UNCASED		
	WIDTH (W)	HEIGHT (H)	DEPTH (D)	WIDTH (W)	HEIGHT (H)	DEPTH (D)
CDM24A5XXS1	14.5	20.0	21.0	13.375	15.625	20.5
CDM24B5XXS1	17.5	20.0	21.0	16.375	15.375	20.5
CDM30A5XXS1	14.5	20.0	21.0	13.375	15.625	20.5
CDM30B5XXS1	17.5	20.0	21.0	16.375	15.375	20.5
CDM30C5XXS1	21.0	20.0	21.0	19.875	15.25	20.5
CDM48B5XXS1	17.5	30.0	21.0	16.375	26.88	21.0
CDM48C5XXS1	21.0	30.0	21.0	19.875	26.8	21.0
CDM48D5XXS1	24.5	30.0	21.0	23.625	26.6	21.0
CDM60C5XXS1	21.0	30.0	21.0	19.875	27.0	21.0
CDM60D5XXS1	24.5	30.0	21.0	23.625	26.8	21.0

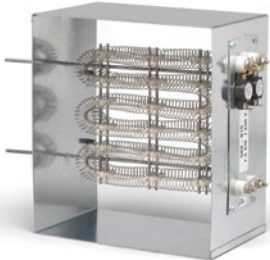


YORK® YD5 + CDM + 210/240 - 2024 PERFORMANCE DATA								
YD5 SKU	CDM SKU	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			CFM
		HI	EER2 ⁽³⁾	SEER2 ⁽⁴⁾	HI	HSPF2 ⁽⁵⁾	LOW	
YD536E2D11	CDM48B5XXS1	33200	10.2	14.3	34200.0	8.0	23000	900/900
YD536E2D11	CDM48C5XXS1	33200	10.2	14.3	34200.0	8.0	23000	1000/1000
YD536E2D11	CDM48D5XXS1	33200	10.2	14.3	34200.0	8.0	23000	1000/1000
YD560E2D11	CDM48B5XXS1	43500	10.0	14.3	46000.0	8.0	32600	1150/1150
YD560E2D11	CDM48C5XXS1	44500	10.0	14.3	47000.0	8.0	32800	1350/1350
YD560E2D11	CDM48D5XXS1	45000	10.0	14.3	48000.0	8.0	32800	1450/1450
YD560E2D11	CDM60C5XXS1	53000	9.5	14.3	54500.0	8.0	37000	1350/1350
YD560E2D11	CDM60D5XXS1	54000	9.5	14.3	55500.0	8.0	37400	1460/1460

A2L ACCESSORY BOX	
SKU	DESCRIPTION
S1-8-733-983-568	A2L Accessory Box

The A2L accessory Box is required when pairing the Low GWP Cased Coil with a 3rd party Furnace.

FIELD INSTALLED ELECTRIC HEAT KITS	
SKU	DESCRIPTION
S1-EHK-05B	5 kW Electric Strip Heater
S1-EHK-08B	7.5 kW Electric Strip Heater
S1-EHK-10B	10 kW Electric Strip Heater
S1-EHK-15B	15 kW Electric Strip Heater
S1-EHK-20B	20 kW Electric Strip Heater





Visit www.york.bosch-hcgroup.com for more information.

YORK® is a registered trademark of Johnson Controls International plc and its affiliated companies.
Used under license. © 2026 BHC Residential & Light Commercial LLC.

39498 050726

