



YD5 Heat Pump
& JDP Air Handler
Variable Speed System

Innovation meets affordability

2-5 Tons
Up to 15.2 SEER2 | 8.5 HSPF2



Experience Reliable High Efficiency Comfort



Comfort you can feel. Savings you can see.

The YD5 heat pump paired with the JDP air handler achieves up to 15.2 SEER2. This ENERGY STAR® rated system perfectly cools and heats your home using minimal energy for maximum comfort—at an unbeatable price point. Available in 2-, 3-, and 5-ton capacities, the YD5 heat pump can be matched with the fixed-speed JDP air handler. Equipped with R-454B refrigerant, the system meets the requirements for a lower-GWP A2L refrigerant solution.



YD5

JDP





Features

- Up to 15.2 SEER2 and 8.5 HSPF2
- Fully-modulating inverter drive
- Sound levels as low as 59 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 59 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 JDP 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



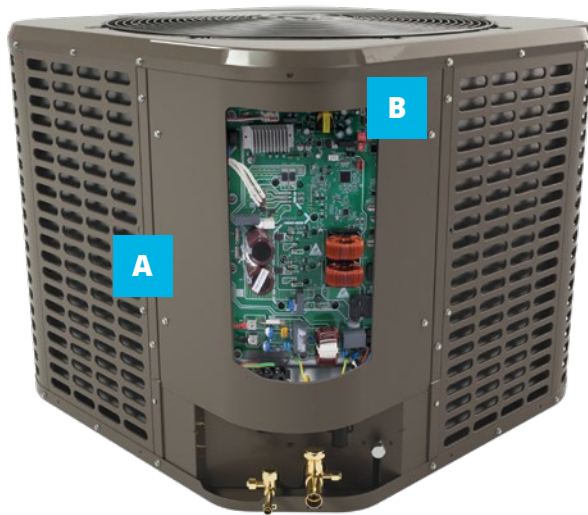
Get
Alerts

- 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 & JDP Components Features & Benefits

YD5
Split System Heat Pump



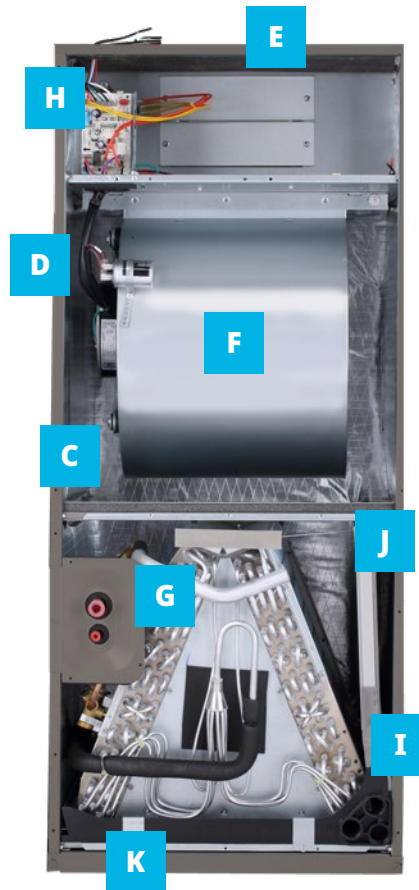
A Intelligent control features help adjust the output capacity, allowing the unit to keep the temperature at your desired level without fluctuation and to keep humidity in check during the summer months. Whether it be summer or winter, the system keeps your home comfortable. The YD5 condenser has a competitive small footprint, and also includes an ECM motor for all capacities.

- The air coil design provides exceptional heat transfer and low air-resistance for high-efficiency operation that can help lower your energy costs.
- The direct-drive fan blades provide vortex suppression to reduce sound of airflow exiting the condensing section, thereby retaining low noise at high speed - with sound levels as low as 59 dBA.
- The condensing units come standard with an electronic expansion valve (EEV) to ensure proper refrigerant flow during all conditions. This helps optimize the unit's operation to the highest efficiency possible.

B The high-efficiency inverter compressor in the condensers can adjust to speeds ranging from 26% to 130% to perfectly cool and heat your home using minimal energy for maximum comfort.

- YD5 can adjust to any speed between 33% and 110% (in 1% increments).

JDP
Air Handler



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

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

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

F PSC style motor – simple and cost-effective solution.

G 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.

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

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

J Drain Pan – Flexibility for vertical or horizontal applications.

K Filter Rack – Factory reserved, provides convenience for field installation and serviceability.

YD5 & JDP System & Technical Information

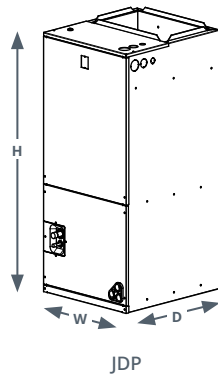
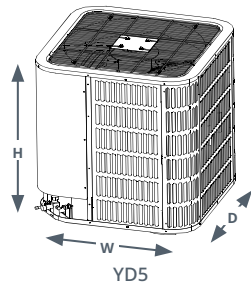
YORK® YD5 + JDP AHRI 210/240 - 2024 PERFORMANCE DATA							
YD5 OUTDOOR HEAT PUMP UNIT MODEL	JDP INDOOR AIR HANDLER MODEL	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)		
		TOTAL	EER2 ⁽³⁾	SEER2 ⁽⁴⁾	HI	HSPF2 ⁽⁵⁾	LOW
❄️ YD524E2D11	JDP24E5XX2SS1	24000	10.6	15.2	24000	8.5	20000
YD536E2D11	JDP24E5XX2SS1	24000	11.7	15.2	24000	8.5	20600
❄️ YD536E2D11	JDP36E5XX2SS1	34200	10.0	14.3	34600	8.0	25000
YD560E2D11	JDP36E5XX2SS1	34600	10.6	14.6	35200	8.2	28400
YD560E2D11	JDP48F5XX2SS1	46000	10.6	14.3	47000	8.0	38000
YD560E2D11	JDP60F5XX2SS1	54000	9.8	14.3	56000	8.0	40500

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 + JDP DESCRIPTION & DIMENSION (INCHES)				
SKU	DESCRIPTION	WIDTH (W)	HEIGHT (H)	DEPTH (D)
YD5 OUTDOOR CONDENSING SECTION				
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
JDP INDOOR AIR HANDLER				
JDP24E5XX2SS1	24 kBTU/hr (2 ton)	19.625	46.5	21.625
JDP36E5XX2SS1	36 kBTU/hr (3 ton)	19.625	46.5	21.625
JDP48F5XX2SS1	48 kBTU/hr (4 ton)	22.0	54.5	24.0
JDP60F5XX2SS1	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 (INCHES)						
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	
PART NUMBER	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	
MODEL NUMBER	DESCRIPTION
S1-05B	5 kW Electric Strip Heater
S1-08B	7.5 kW Electric Strip Heater
S1-10B	10 kW Electric Strip Heater
S1-15B	15 kW Electric Strip Heater
S1-20B	20 kW Electric Strip Heater





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

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