



**OMNICORE™ 300 SERIES**  
**SPLIT SYSTEM AIR CONDITIONERS**  
**AND HEAT PUMPS** 7.5–25 TONS

# THE EASY CHOICE FOR DEMANDING APPLICATIONS

**TempMaster® OmniCore™ 300 Series** light commercial split systems are the easy choice for challenging commercial projects. By incorporating an exclusive combination of innovative features, smart technology and class-leading reliability, TempMaster® is the go-to brand for performance that keeps you ahead of the competition.



## OMNICORE™ 300 SPLIT SYSTEM AIR CONDITIONERS AND HEAT PUMPS

- Meets EPACT 2005 and ASHRAE 90.1-2013 efficiency standards
- Inherently protected condenser fan motors
- Two-pipe and four-pipe configurations available
- Five-minute, anti-short cycle timer and minimum compressor runtime
- Factory-installed disconnects, convenience outlet and epoxy-coated coil option
- Advanced scroll compressors provide both high efficiency and reliability
- Condenser coils are constructed of MicroChannel aluminum tubing and fins for durability and long-lasting, efficient operation
- Crankcase heaters that de-energize when the compressor is operating
- Self-contained high- and low-pressure controls
- Solid-state or internal line break compressor motor protection
- Class 2, 24-volt thermostat control circuit
- Filter-drier is shipped in the unit's control box for field installation in the liquid line
- Copper stub-outs are factory-mounted on the suction and liquid lines to simplify the field piping connections

## OMNICORE™ 300 SPLIT SYSTEM PRODUCT LINE

Compact design, clean styling and quiet operation make these units suitable for almost any commercial application.



OmniCore™ 300 split system outdoor units use Simplicity® Smart Equipment™ Controls and advanced evaporator coils and blower motors to provide quiet, reliable operation in a range of commercial environments.

OmniCore™ 300 condensing units fit almost any outdoor location. And unlike single-package units, they work particularly well on rooftops as a result of their reduced weight.



Evaporator blower units are designed with two distinct modules to provide maximum application flexibility. The blower module can be repositioned to meet almost any installation requirement and includes the blower wheels, the drives and a factory-installed motor of your choice.

## PUT PERFORMANCE IN THE PALM OF YOUR HAND

With Simplicity® Smart Equipment™, all alarm and diagnostic data can be transmitted directly to an on-site PC or over a local Wi-Fi® connection – you can even monitor the system over the internet using a web browser.



- Thermostat ready – No configuration required
- Wi-Fi® and Ethernet communications via optional Mobile Access Portal (MAP) Gateway
- Onboard LCD
- Plug and Play Feature additions in the field

- Auto-configuration
- Factory-configured and Tested – No field programming required
- Self-test Diagnostic Startup Report
- Data Logging to removable memory (USB)

- Multi-protocol Capability
- SMART Device Tools (Mobile Access Portal Gateway)
- Fault “messages” instead of fault “codes”
- Single-zone VAV, VFD, IntelliSpeed™ functionality
- BTL Certified

# QUALITY IS SOMETHING WE TAKE PERSONALLY



We design and assemble TempMaster® OmniCore™ 300 Series split systems here in the United States, where we can closely monitor and improve processes that directly affect quality. It's this commitment to excellence that allows us to offer outstanding warranties, meet the highest industry standards and deliver energy-saving comfort that lasts. That's why, when it comes to commercial comfort, your confidence is our commitment.

## OmniCore™ 300 Split System Air Conditioners/Heat Pumps (YHT/YJT/PHT/PJT)

MODEL	NOMINAL CAPACITY (TONS)	EER	IEER	LBS.
YHT07/NHT07	7.8	11.2	13.0	325
YHT07/NHT10	8	11.9	13.0	325
YHT10/NHT10	10	11.4	12.5	445
YJT10/NJT10	10	11.2	11.2	440
YHT12/NHT15	12.5	11.0	13.3	445
YJT12/NJT15	12.5	11.0	12.1	440
YHT15/NHT15	15	11.2	12.2	675
YHT15/NHT20	16	11.7	12.7	675
YJT15/NJT15	15	11.2	11.6	675
YJT15/(2)NHT07	16	11.2	N/A	675
YJT15/(2)NHT10	16	11.2	N/A	675
YJT150/NJT20	16	11.7	13.4	675
YHT20/NHT20	20	11.3	13.6	710
YJT20/NJT20	20	11.3	11.9	710
YJT20/(2)NHT10	20	11.6	N/A	710
YHT25/NHT25	25	10.2	12.2	942
PHT07/NHT07	7.5	11.0	11.4	415
PHT10/NHT10	10	11.0	11.4	560
PHT15/NHT15	15	10.6	11.5	840
PJT15/NJT15	15	10.6	11.5	835
PHT20/NHT20	20	10.6	11.7	1005

## OmniCore™ 300 Split System Evaporator Blowers (NHT/NJT)

MODEL	Electric Heat (kW)	CFM	LBS.
NHT07	10, 16, 26, 36	3000	498
NHT10	26, 36	4000	539
NJT10	26, 36	4000	541
NHT15	10, 16, 26, 36, 50	6000	764
NJT15	10, 16, 26, 36, 50	6000	764
NHT20	20, 32, 52	8000	873
NJT20	20, 32, 52	8000	873
NHT25	—	10,000	1130

Limited warranties for YHT, YJT, PHT, PJT models:



Limited warranties for NHT, NJT models:



**Easy installation.** Compact OmniCore™ 300 series units install easily on rooftops or even ground level, thanks to sub-cooling capacity that accommodates locations three or more stories below the evaporator coil.

**Reliable performance.** Industrial-grade scroll compressors ensure reliable operation in the toughest conditions. Condenser coils are constructed of MicroChannel aluminum tubing for durability and efficient operation.

**Quiet operation.** Scroll compressors are mounted on rubber isolators to reduce vibration transmission, while vertical discharge condenser fans direct sound up and away from surrounding structures.



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