

Comfort-Aire®

AN ARTFUL COMBINATION OF ECONOMY AND PERFORMANCE:

The ZHP-Series showcases energy efficiency in a streamlined, modern, whisper-quiet design.

FEATURES

Super Efficient

- Rated as high as 35 SEER2 and 17.4 EER2

Whisper Quiet

- High tech fan in the indoor unit delivers balanced air flow

Temperature Compensation

- Indoor unit adjusts automatically as needed to eliminate stratification between ceiling and floor temps

Auto Swing

- Continually adjusts air flow direction for a gentle, breeze-like effect

Multiple Modes

- Cooling, dehumidification only, air circulation and heat plus:
 - Sleep mode • 24-hour timer • Turbo mode

Auto Operation

- Automatically adjusts to maintain a constant temperature/humidity level

Smartphone Compatible

- Optional 7800-208 Smartphone Control Kit available separately

Superior Filtration

- Nano silver air filter releases silver ions that eliminate bacteria in the air while gold fin evaporator coating prevents the breeding and spreading of bacteria

Auto Restart

- Reverts to the last setting following a power failure

Auto Defrost

- Standard on all models, along with crankcase heater and pan heater for true cold-weather performance

Ambient Operating Temperature

- Cooling -22° to 122°F, heating -22° to 75°F

ZHP SERIES

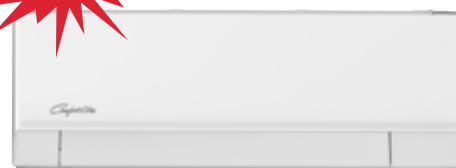
SINGLE ZONE HEAT PUMP

208-230V

6,000 to 24,000 BTUH



Indoor Unit



Outdoor Unit



Energy Verified
Rendement
Énergétique Vêrit



Warranty—10 years on compressor, 10 years on parts
(Some limitations apply; see printed warranty for details.)
www.comfort-aire.com



ZHP Series



FEATURES	Heat Pump Models					
	ZHP06SA-1	ZHP09SA-1	ZHP12SA-1	ZHP15SA-1	ZHP18SA-1	ZHP24SA-1
Power Supply	208/230V	208/230V	208/230V	208/230V	208/230V	208/230V
Cooling Capacity (BTUH)	6,000	9,000	12,000	15,000	17,000	24,000
SEER2/ EER2	35/17.4	33.3/17.0	29.4/14.2	27/13	25.6/15	25/14
HSPF2	30.0	22.0	14.5	12	16.2	11
Cooling Amps	2.1	3.1	3.7	5.2	5.5	7.4
Dehumidification (Pts/Hr.)	1.06	1.06	1.06	1.06	2.32	3.80
Heating Capacity (BTUH)	9,000	12,000	12,000	13,500	20,000	25,000
Heating Amps	3.9	4.3	4.3	5.7	5.9	7.3
INDOOR UNIT						
Air flow (CFM)	153-424	153-424	153-424	153-424	318-618	318-618
Fan Speeds (Cool/Heat/Fan)	3	3	3	3	3	3
Sound Level (dBA) H-M-L	19-42	19-42	19-42	19-42	16-44	30-47
AIR DIRECTION						
Vertical Adjustment	Remote	Remote	Remote	Remote	Remote	Remote
Auto Swing Up and Down	Standard	Standard	Standard	Standard	Standard	Standard
INDICATOR LAMPS						
Defrost	Standard	Standard	Standard	Standard	Standard	Standard
Temperature Setting	16°C - 32°C (60°F - 90°F) Cooling			0°C - 30°C (32°F - 86°F) Heating		
INDOOR UNIT DIMENSIONS						
Width (inches)	40 - 5/16	40 - 5/16	40 - 5/16	40 - 5/16	47 - 1/8	47 - 1/8
Height (inches)	12 - 5/8	12 - 5/8	12 - 5/8	12 - 5/8	14 - 5/8	14 - 5/8
Depth (inches)	9 - 11/16	9 - 11/16	9 - 11/16	9 - 11/16	11	11
Net Wt/Shipping Wt (lbs.)	28.22/36.82	28.22/36.82	28.22/36.82	28.22/36.82	43.65/55.56	42.99/54.01
OUTDOOR UNIT DIMENSIONS						
Width (inches)	35	35	35	35	37 - 1/4	37 - 1/4
Height (inches)	26 - 1/2	26 - 1/2	26 - 1/2	26 - 1/2	31 - 7/8	31 - 7/8
Depth (inches)	13 - 1/2	13 - 1/2	13 - 1/2	13 - 1/2	16 - 1/8	16 - 1/8
Net Wt/Shipping Wt (lbs.)	99.65/107.80	99.65/107.80	99.65/107.80	99.65/107.80	130.29/141.31	141.54/152.56
ELECTRICAL DATA OUTDOOR UNIT*						
Main Power Connection	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
Min. Circuit Ampacity	16	16	16	16	24.9	24
Max. Fuse/HACR	20	20	20	20	25	25
Recommended Indoor/Outdoor Connecting Cable*	14 AWG / 4 conductor THHN sheilded Stranded / Rated 600V					
LINE SETS O.D. (inch)						
Liquid Connection (flare)(inch)	1/4	1/4	1/4	1/4	3/8	3/8
Suction Connection (flare)(inch)	3/8	3/8	3/8	3/8	5/8	5/8
Maximum Line Set Length¹	82	82	82	164	164	164
Maximum Elevation (outdoor)²	49	49	49	82	82	82

*Always follow local, state and national electrical codes. ¹ Min. 10 ft. (3m) line set recommended.

² Oil traps should be installed every 16.5 to 23 feet (5-7m) when the outdoor unit is installed above the indoor unit.

Design, specifications, and performance data subject to change without notice.

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."