

CHP



SINGLE ZONE SYSTEMS HEAT PUMP - Unit Specifications



| OUTDOOR MODEL NUMBER | | CHP009CA(O) | CHP012CA(O) | CHP012CD(O) | CHP018CD(O) | CHP024CD(O) | CHP030CD(O) | CHP036CD(O) |
|---|--------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|--------------------------|--------------------------|
| INDOOR MODEL NUMBER | | CHP009CA(I) | CHP012CA(I) | CHP012CD(I) | CHP018CD(I) | CHP024CD(I) | CHP030CD(I) | CHP036CD(I) |
| CAPACITY | | | | | | | | |
| Cooling Capacity | Btu/h | 9000 | 12000 | 12300 | 18300 | 23000 | 30000 | 36000 |
| Heating Capacity | Btu/h | 10000 | 13000 | 13000 | 19200 | 23000 | 30000 | 36000 |
| ELECTRICAL DATA | | | | | | | | |
| Power Supply | V-,Hz,Ph | 115V,60Hz,1Ph | 115V,60Hz,1Ph | 208-230V,60Hz,1Ph | 208-230V,60Hz,1Ph | 208-230V,60Hz,1Ph | 208-230V,60Hz,1Ph | 208-230V,60Hz,1Ph |
| Power Input (W) | Cooling | 650 | 950 | 980 | 1460 | 2530 | 2770 | 3770 |
| | Heating | 760 | 1330 | 1060 | 1480 | 2330 | 2370 | 3250 |
| MOP (A) | | 25 | 25 | 15 | 20 | 25 | 25 | 30 |
| MCA (A) | | 15 | 17 | 8 | 13 | 15 | 16 | 20 |
| Interconnection (stranded) wire gauge | | 16-4 | 16-4 | 16-4 | 16-4 | 16-4 | 16-4 | 16-4 |
| PERFORMANCE DATA | | | | | | | | |
| SEER | | 18 | 18 | 18 | 18 | 16 | 15.9 | 14.5 |
| EER | | 14 | 12.5 | 12.7 | 12.5 | 9 | 10 | 9.5 |
| HSPF | | 9.9 | 9.5 | 9.6 | 9.8 | 7.8 | 10 | 9 |
| Air Flow Volume | Indoor(CFM) | 350 | 450 | 450 | 665 | 680 | 940 | 940 |
| Noise Level (dB(A)) | Indoor (Hi/Med/Lo) | 39/35/32 | 40/38/35 | 41/37/34 | 48/40/36 | 52/47/43 | 52/50/47 | 52/50/47 |
| | Outdoor | 53 | 53 | 54 | 54 | 60 | 60 | 65 |
| DIMENSION & WEIGHT | | | | | | | | |
| Net Dimension (in) | Indoor (W*H*D) | 36 1/4 x 11 1/2 x 8 3/4 | 36 1/4 x 11 1/2 x 8 3/4 | 36 1/4 x 11 1/2 x 8 3/4 | 39 5/16 x 12 11/16 x 9 7/16 | 39 5/16 x 12 11/16 x 9 7/16 | 56 7/8 x 13 3/8 x 10 7/8 | 56 7/8 x 13 3/8 x 10 7/8 |
| | Outdoor (W*H*D) | 29 15/16 x 23 4/16 x 11 4/16 | 29 15/16 x 23 4/16 x 11 4/16 | 29 15/16 x 23 4/16 x 11 4/16 | 33 4/16 x 27 6/16 x 13 3/16 | 33 4/16 x 27 6/16 x 13 3/16 | 35 4/16 x 33 14/16 x 13 | 39 x 38 x 13 9/16 |
| Net Weight (lb) | Indoor/Outdoor | 25/79 | 25/80 | 25/87 | 29/105 | 30/109 | 53/157 | 53/181 |
| Piping Size (mm) | Liquid | 1/4" | 1/4" | 1/4" | 3/8" | 3/8" | 3/8" | 3/8" |
| | Gas | 3/8" | 1/2" | 1/2" | 5/8" | 5/8" | 5/8" | 5/8" |
| Refrigerant Pre-Charge (ft) | ft | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| Additional charge for each extra ft | Oz/ft | 0.212 | 0.212 | 0.212 | 0.423 | 0.423 | 0.423 | 0.423 |
| Maximum line set run | ft | 33 | 33 | 33 | 49 | 66 | 98 | 98 |
| Max. elevation between indoor and outdoor | ft | 16 | 16 | 16 | 26 | 33 | 49 | 49 |