

CONTINENTAL
FIREPLACES & HVAC

PARTS AND COMPRESSOR REPLACEMENT LIMITED WARRANTY



- **Very High Efficiency Rating**
Exceptional energy performance, minimizing energy consumption and lowering costs.
- **Available Capacities**
Choose from 27,000 or 36,000 for powerful heating and cooling solutions.
- **Energy Star & NEEP Certified**
Recognized for energy efficiency, potentially qualifying for rebates, and supporting sustainability. Eligibility for local rebate programs offers additional cost savings—check local Qualified Product Lists for details.
- **Refrigerant Detection Shut Off**
All indoor unit types include leak detection sensor. All multi zone outdoor unit include shut off valve should a leak be detected.
- **User-Friendly Remote Control**
Easily adjust Sleep Mode, LED light settings, room temperature, and power on/off for tailored comfort of each indoor unit.
- **Increased number of indoor units per model (4 or 5 units)**
Provides greater flexibility for installations, accommodating various home or business layouts.
- **Enlarged operational space and improved diagnostic board**
Simplifies installation and servicing, saving time for technicians and reducing maintenance costs.

Continental uses R-454B refrigerant, which offers improved energy efficiency and reduces greenhouse gas (GHG) emissions. This refrigerant has a significantly lower Global Warming Potential (GWP), no ozone depletion potential (ODP), and low toxicity. R-454B's GWP is over 75% lower than its predecessor, R-410A, and it exceeds EPA requirements for low-GWP refrigerants (<700 GWP).

C	D	H	A	M	B	B	-	27	-	O
Brand	Configuration	Type (Heat Pump/ Cool Only)	Sales Channel	Single/ Multi	Refrigerant	Revision		Capacity in 000 BTU/h		Indoor/ Outdoor
C = Continental	Ductless	Heat Pump	Distribution	Multi	B= R454B			27 or 36		O = Outdoor
A = Without Shut Off Valve B = With Shut Off Valve										

MINI SPLIT SPECIFICATIONS

OUTDOOR DIMENSIONS					
OUTDOOR UNIT INFORMATION		CDHAMBB-27-0		CDHAMBB-36-0	
Width (mm/in)		946/37.24		980/38.58	
Depth (mm/in)		410/16.14		415/16.34	
Height (mm/in)		810/31.89		975/38.35	
Net weight (lb/kg)		168.43/76.4		211.86/96.1	
Gross weight (lb/kg)		179.67/81.5		244.71/111	
INDOOR DIMENSIONS					
HIGH WALL					
			CDHAS26BB-12-I	CDHAS26BB-18-I	CDHAS26BB-24-I
WIDTH (MM/IN)			848.4/33.4	1017.4/40.06	1190/46.85
DEPTH (MM/IN)			233.2/9.18	248/9.72	285/11.2
HEIGHT (MM/IN)			300/11.76	319/12.6	371/14.59
NET WEIGHT (LB/KG)			22.93/10.4	27.34/12.4	43.65/19.8
GROSS WEIGHT (LB/KG)			29.32/13.3	36.6/16.6	55.56/25.2
HIGH WALL					
		CDHAS22BB-09-I	CDHAS22BB-12-I	CDHAS22BB-18-I	CDHAS22BB-24-I
WIDTH (MM/IN)		802/31.57	802/31.57	1082/42.6	1082/42.6
DEPTH (MM/IN)		200/7.87	200/7.87	234/9.21	234/9.21
HEIGHT (MM/IN)		295/11.61	295/11.61	337/13.27	337/13.27
NET WEIGHT (LB/KG)		18.96/8.6	18.96/8.6	30.42/13.8	30.86/14
GROSS WEIGHT (LB/KG)		24.25/11	24.25/11	39.68/18	40.56/18.4

SYSTEM DATA

SYSTEM DATA		
	CDHAMB-27-0	CDHAMB-36-0
Cooling Capacity (BTU/h)	27,000	36,000
Heating Capacity (BTU/h)	27,000	36,000
Maximum ICDoor Head connectivity	4	5
Power supply	208/230V,1Ph/60Hz	208/230V,1Ph/60Hz
Min. Circuit ampacity	30	37
Max.Fuse	35	40
Connection Wiring	14AWG*4 Stranded, unshielded	14AWG*4 Stranded, unshielded
Refrigerant type	R454B	R454B
Compressor	Rotary	Twin Rotary
Refrigerant charge(oz/kg)	120.63/3.42	134.04/3.8
Refrigerant pre-charge (ft/m)	24.6(7.5)x4	24.6(7.5)x5
Refrigerant charge unit	ozs	ozs
Additional refrigerant 1/4" Liquid pipe (g/m/oz/ft)	15/0.16	15/0.16
Additional refrigerant 3/8" Liquid pipe (g/m/oz/ft)	30/0.32	30/0.32
Outdoor air flow (Hi) CFM	2148.4	3037.2
Outdoor noise level dBA	61	65
GAS PIPE (mm/in)	3x9.52mm(3/8in)+1x12.7mm(1/2in)	3x9.52mm(3/8in)+2x12.7mm(1/2in)
LIQUID Pipe (mm/in)	4x6.35mm(1/4in)	5x6.35mm(1/4in)
Max. pipe length for all rooms (ft/m)	262.4/80	262.4/80
Max. pipe length for one indoor unit (ft/m)	114.8/35	114.8/35
Max height difference between indoor & outdoor unit (ft/m)	49.2/15	49.2/15
Operating Range	-30°C (-22°F) to 50°C (122°F)	-30°C (-22°F) to 50°C (122°F)

COMPATIBILITY

Multi Zone Outdoor Unit		Available Indoor	One Unit	Two Units	Three Units	Four Units	Five Units	Six Units
Hyper 1 drive 4	CDHAMBB-27-0	High Wall: 9K/12K/18K/24K	24	6+18	6+6+6	6+6+6+6		
				6+24	6+6+9	6+6+6+9		
				9+9	6+6+12	6+6+6+12		
				9+12	6+6+18	6+6+6+18		
				9+18	6+6+24	6+6+6+24		
				9+24	6+9+9	6+6+9+9		
				12+12	6+9+12	6+6+9+12		
				12+18	6+9+18	6+6+9+18		
				12+24	6+9+24	6+6+9+24		
				18+18	6+12+12	6+6+12+12		
					6+12+18	6+6+12+18		
					6+12+24	6+6+12+24		
					6+18+18	6+6+18+18		
					6+18+24	6+9+9+9		
					9+9+9	6+9+9+12		
					9+9+12	6+9+9+18		
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					9+12+12	6+9+12+18		
					9+12+18	6+12+12+12		
					9+12+24	6+12+12+18		
					9+18+18	9+9+9+9		
					12+12+12	9+9+9+12		
					12+12+18	9+9+9+18		
					12+12+24	9+9+12+12		
					12+18+18	9+9+12+18		
						9+12+12+12		
						12+12+12+12		

COMPATIBILITY

Multi Zone Outdoor Unit		Available Indoor	Optional Combinations					
			One Unit	Two Units	Three Units	Four Units	Five Units	Six Units
Hyper 1 drive 5	CDHAMBB-36-O	High Wall: 9K/12K/18K/24K	33	6+24	6+6+12	6+6+6+6	6+6+6+6+6	
				6+33	6+6+18	6+6+6+9	6+6+6+6+9	
				9+18	6+6+24	6+6+6+12	6+6+6+6+12	
				9+24	6+6+33	6+6+6+18	6+6+6+6+18	
				9+33	6+9+9	6+6+6+24	6+6+6+9+9	
				12+12	6+9+12	6+6+9+9	6+6+6+9+12	
				12+18	6+9+18	6+6+9+12	6+6+6+9+18	
				12+24	6+9+24	6+6+9+18	6+6+6+12+12	
				12+33	6+12+12	6+6+9+24	6+6+6+12+18	
				18+18	6+12+18	6+6+12+12	6+6+9+9+9	
				18+24	6+12+24	6+6+12+18	6+6+9+9+12	
				24+24	6+18+18	6+6+12+24	6+6+9+9+18	
					6+18+24	6+6+18+18	6+6+9+12+12	
					9+9+9	6+6+18+24	6+6+12+12+12	
					9+9+12	6+9+9+9	6+9+9+9+9	
					9+9+18	6+9+9+12	6+9+9+9+12	
					9+9+24	6+9+9+18	6+9+9+12+12	
					9+12+12	6+9+9+24	9+9+9+9+9	
					9+12+18	6+9+12+12	9+9+9+9+12	
					9+12+24	6+9+12+18		
					9+18+18	6+9+12+24		
					9+18+24	6+9+18+18		
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						12+12+18+18		