

TECHNICAL SPECIFICATIONS



ULTIMATE HIGH WALL HEAT PUMP SERIES

**10
YEAR**

**PARTS AND COMPRESSOR
REPLACEMENT**
LIMITED WARRANTY

R454B



FEATURES

- Very High Efficiency Rating**
 Delivers exceptional energy savings and performance, reducing utility costs.
- Available Capacities**
 Choose from 12,000 BTU/h, 18,000 BTU/h, or 24,000 BTU/h to meet a variety of heating and cooling needs.
- Wide Operating Range**
 Performs efficiently in extreme temperatures, from -30°C (-22°F) to 50°C (122°F).
- Energy Star & NEEP Certified**
 Recognized for superior energy efficiency, qualifying for potential rebates and contributing to a greener environment. Eligibility for local rebate programs offers additional cost savings—check local Qualified Product Lists for details.
- Intelligent Eye Technology**
 Automatically adjusts settings to optimize comfort while saving energy when the room is unoccupied.
- Efficient, Contemporary Indoor Units**
 Sleek, modern design that complements any interior while delivering top performance with auto restart and louver position memory.
- Wi-Fi Kit Included**
 Enables remote control and monitoring for added convenience and flexibility, allowing management from anywhere.
- User-Friendly Remote Control**
 Elegant design with easy access to Sleep Mode, LED light control, room temperature settings, on/off, and a “Follow Me” feature for personalized comfort.

ENVIRONMENTALLY RESPONSIBLE

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).

NOMENCLATURE

ULTIMATE HIGH WALL HEAT PUMP SERIES

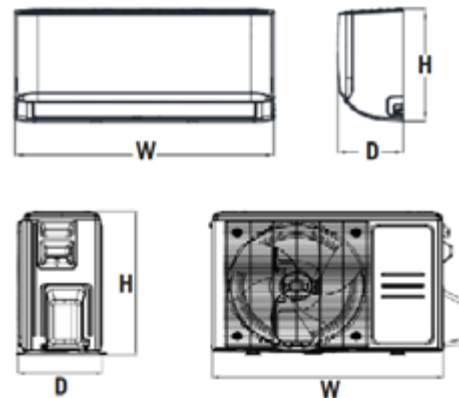


C	D	H	A	S	26	B	A	B	-	24	-	I
Brand	Configuration	Type (Heat Pump/ or Cool Only)	Sales Channel	Single/Multi	Efficiency	Refrigerant	Revision	Capacity in 000 BTU/h	Indoor/ Outdoor			
C = Continental	Ductless	Heat Pump	Distribution	Single	26 = 26 SEER2	B = R454B	A = Without Leak Sensor B = With Leak Sensor/ Shut off valve	12 or 18 or 24	I = Indoor O = Outdoor			

DUCTLESS SPECIFICATIONS

DIMENSIONS

INDOOR UNIT INFORMATION	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
OUTDOOR UNIT INFORMATION	CDHAS26BA-12-O	CDHAS26BA-18-O	CDHAS26BA-24-O
Width (mm/in)	805/31.69	890/35.04	946/37.24
Depth (mm/in)	330/12.99	342/13.46	410/16.14
Height (mm/in)	554/21.81	673/26.5	810/31.89
Net weight (lb/kg)	72.75/33	99.87/45.3	130.29/59.1
Gross weight (lb/kg)	78.7/35.7	107.8/48.9	141.31/64.1



SYSTEM DATA

INDOOR SKU	CDHAS26BB-12-I	CDHAS26BB-18-I	CDHAS26BB-24-I
OUTDOOR SKU	CDHAS26BA-12-O	CDHAS26BA-18-O	CDHAS26BA-24-O
AHRI NUMBER	218010979	218010980	218010981
Cooling Capacity Rated BTU (Range)	12000 (3800~14600)	18000 (8800~19400)	24000 (12600~27900)
Heating Capacity Rated BTU (Range)	12000 (3800~16000)	18000 (11200~19500)	24000 (11800~29700)
SEER2	25.4	21.4	21
HSPF2 (REGION IV)	10.5	11.0	13.5
EER2	13.4	12.5	13
HSPF2 (REGION V)	8	8.5	9.8
Dehumidify (L/h)	1.2	2.2	2.7
Voltage	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Indoor noise level (Hi/Mi/Lo) dBA	36.5/32.5/22	45/38/31.5	43.5/38.5/27
Outdoor noise level dBA	56	59	61.5
Compressor & Parts Limited Warranty	10 years	10 years	10 years
Max. refrigerant pipe length (m)	25	30	50
Max. refrigerant pipe length (ft)	82	98.4	164
Max. difference in elevation (m)	15	20	25
Max. difference in elevation (ft)	49.2	65.6	82
Refrigeration GAS PIPE (mm/inch)	9.52mm(3/8in)	12.7mm(1/2in)	15.9mm(5/8in)
Refrigeration LIQUID PIPE (mm/in)	6.35mm(1/4in)	6.35mm(1/4in)	9.52mm(3/8in)
Heating at 17°F (-8.33°C) BTU	12800	19200	25000
Heating at 5°F (-15°C) BTU	11500	18000	24200
Heating at 5°F (-15°C) COP	1.8	1.92	2.34
Connection Wiring	14AWG*4 Stranded, unshielded	14AWG*4 Stranded, unshielded	14AWG*4 Stranded, unshielded
Refrigerant Gas (oz/kg)	R454B 35.27/1	R454B 55.38/1.57	R454B 63.49/1.8
Additional charge per metre (oz/ft)(g/m)	0.16/15	0.16/15	0.32/30
Compressor	Rotary	Rotary	Rotary
MAX FUSE (A)	15	20	25
Minimum Circuit Capacity	15	19	24.9
Rated Cooling Current (A)	4	6.4	8.3
Rated Heating Current (A)	4.1	7.2	11
Indoor air flow (Hi/Mi/Lo) CFM	323.7/229.6/176.6	500.3/359/294.3	618/412/317.8
Outdoor air flow CFM	1470.6	1764.7	2235.3
Indoor(cooling/heating)	60°F~90°F/-32°F~86°F 16°C~32°C / 0°C~30°C	60°F~90°F/-32°F~86°F 16°C~32°C / 0°C~30°C	60°F~90°F/-32°F~86°F 16°C~32°C / 0°C~30°C
Outdoor(cooling/heating)	-22°F~122°F/-22°F~75°F -30°C~50°C / -30°C~24°C	-22°F~122°F/-22°F~75°F -30°C~50°C / -30°C~24°C	-22°F~122°F/-22°F~75°F -30°C~50°C / -30°C~24°C

PERFORMANCE DATA – COOLING

DB – Dry Bulb

WB – Wet Bulb

TC:Total Cooling Capacity (BTU/hr)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Input – Total Power (kW)

COOLING		INDOOR CONDITIONS																				
OUTDOOR DB (°F)	ID WB (°F)	60.8°F(16.0°C)					64.4°F(18.0°C)					67°F(19.4°C)					71.6°F(22.0°C)					
	ID DB (°F)	73.4°F (23.0°C)	77.0°F (25.0°C)	80.0°F (26.7°C)	80.6°F (27.0°C)	84.2°F (29.0°C)	73.4°F (23.0°C)	77.0°F (25.0°C)	80.0°F (26.7°C)	80.6°F (27.0°C)	84.2°F (29.0°C)	73.4°F (23.0°C)	77.0°F (25.0°C)	80.0°F (26.7°C)	80.6°F (27.0°C)	84.2°F (29.0°C)	73.4°F (23.0°C)	77.0°F (25.0°C)	80.0°F (26.7°C)	80.6°F (27.0°C)	84.2°F (29.0°C)	
CDHAS26BB-12-I / CDHAS26BA-12-O	5°F (-15.0°C)	TC	11363	11378	11391	11391	11406	12048	12062	12074	12076	12091	12768	12784	12798	12801	12815	13537	13552	13566	13568	13585
		S/T	0.49	0.57	0.65	0.65	0.74	0.51	0.60	0.69	0.69	0.78	0.55	0.64	0.73	0.73	0.83	0.58	0.68	0.77	0.77	0.88
		PI	0.56	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.60	0.60	0.63	0.64	0.64	0.64	0.64	0.67	0.67	0.67	0.67	0.68
	17°F (-8.3°C)	TC	12514	12531	12544	12545	12562	13268	13284	13297	13300	13316	14061	14079	14095	14098	14113	14908	14924	14941	14943	14962
		S/T	0.49	0.57	0.65	0.65	0.74	0.52	0.61	0.69	0.69	0.79	0.55	0.64	0.73	0.73	0.83	0.58	0.68	0.78	0.78	0.88
		PI	0.52	0.52	0.52	0.52	0.52	0.55	0.55	0.55	0.55	0.55	0.58	0.58	0.58	0.58	0.58	0.62	0.62	0.62	0.62	0.62
	35°F (1.7°C)	TC	10830	10844	10856	10857	10871	11483	11496	11507	11510	11523	12169	12184	12198	12200	12214	12902	12916	12930	12932	12948
		S/T	0.49	0.58	0.66	0.66	0.75	0.52	0.61	0.70	0.70	0.79	0.55	0.65	0.74	0.74	0.84	0.59	0.69	0.78	0.78	0.89
		PI	0.59	0.59	0.59	0.59	0.59	0.62	0.62	0.62	0.62	0.62	0.66	0.66	0.66	0.66	0.66	0.70	0.70	0.70	0.70	0.70
	47°F (8.3°C)	TC	10760	10775	10786	10787	10801	11409	11422	11433	11436	11449	12090	12106	12119	12122	12135	12819	12833	12847	12849	12865
		S/T	0.50	0.58	0.66	0.66	0.75	0.53	0.62	0.70	0.70	0.80	0.56	0.65	0.74	0.74	0.85	0.59	0.69	0.79	0.79	0.90
		PI	0.61	0.61	0.61	0.61	0.61	0.65	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.73	0.73
	82°F (27.8°C)	TC	13157	13175	13189	13190	13207	13950	13967	13980	13983	14000	14784	14803	14819	14822	14839	15674	15691	15708	15711	15730
		S/T	0.53	0.62	0.70	0.70	0.80	0.56	0.66	0.75	0.75	0.85	0.59	0.70	0.79	0.79	0.90	0.63	0.74	0.84	0.84	0.95
		PI	0.66	0.66	0.66	0.66	0.66	0.69	0.70	0.70	0.70	0.70	0.74	0.74	0.74	0.74	0.74	0.78	0.78	0.78	0.78	0.78
95°F (35.0°C)	TC	11620	11635	11648	11649	11664	12320	12335	12347	12349	12364	13056	13073	13088	13090	13105	13843	13858	13873	13875	13892	
	S/T	0.53	0.63	0.71	0.71	0.81	0.57	0.66	0.75	0.75	0.86	0.60	0.70	0.80	0.80	0.91	0.64	0.75	0.85	0.85	0.97	
	PI	1.01	1.01	1.02	1.02	1.02	1.07	1.08	1.08	1.08	1.08	1.14	1.14	1.14	1.14	1.14	1.21	1.21	1.21	1.21	1.21	
110°F (43.0°C)	TC	10827	10841	10853	10854	10868	11479	11493	11504	11507	11520	12165	12181	12194	12197	12210	12898	12912	12926	12928	12944	
	S/T	0.57	0.67	0.76	0.76	0.86	0.60	0.71	0.80	0.80	0.91	0.64	0.75	0.85	0.85	0.97	0.68	0.79	0.90	0.90	1.00	
	PI	1.11	1.12	1.12	1.12	1.12	1.18	1.18	1.18	1.18	1.19	1.25	1.25	1.26	1.26	1.26	1.33	1.33	1.33	1.33	1.33	
122°F (50.0°C)	TC	5762	5770	5776	5776	5784	6109	6116	6122	6123	6131	6474	6482	6490	6491	6498	6864	6872	6879	6880	6889	
	S/T	0.59	0.69	0.78	0.78	0.89	0.62	0.73	0.83	0.83	0.95	0.66	0.77	0.88	0.88	1.00	0.70	0.82	0.93	0.93	1.00	
	PI	0.60	0.60	0.60	0.60	0.60	0.63	0.63	0.63	0.64	0.64	0.67	0.67	0.67	0.67	0.67	0.71	0.71	0.71	0.71	0.71	
CDHAS26BB-18-I / CDHAS26BA-18-O	5°F (-15.0°C)	TC	16907	16929	16948	16948	16971	17926	17947	17965	17968	17989	18996	19021	19042	19046	19067	20141	20163	20185	20188	20213
		S/T	0.49	0.57	0.65	0.65	0.74	0.51	0.60	0.69	0.69	0.78	0.55	0.64	0.73	0.73	0.83	0.58	0.68	0.77	0.77	0.88
		PI	0.67	0.67	0.67	0.67	0.68	0.71	0.71	0.72	0.72	0.72	0.76	0.76	0.76	0.76	0.76	0.80	0.80	0.80	0.80	0.80
	17°F (-8.3°C)	TC	17834	17858	17877	17878	17902	18908	18931	18949	18953	18976	20038	20064	20086	20090	20113	21245	21268	21292	21295	21321
		S/T	0.49	0.57	0.65	0.65	0.74	0.52	0.61	0.69	0.69	0.79	0.55	0.64	0.73	0.73	0.83	0.58	0.68	0.78	0.78	0.88
		PI	0.65	0.65	0.65	0.65	0.65	0.69	0.69	0.69	0.69	0.69	0.73	0.73	0.73	0.73	0.73	0.77	0.77	0.77	0.77	0.77
	35°F (1.7°C)	TC	18564	18589	18609	18610	18635	19682	19706	19725	19729	19753	20858	20885	20909	20913	20936	22115	22139	22163	22167	22194
		S/T	0.49	0.58	0.66	0.66	0.75	0.52	0.61	0.70	0.70	0.79	0.55	0.65	0.74	0.74	0.84	0.59	0.69	0.78	0.78	0.89
		PI	0.68	0.68	0.68	0.68	0.68	0.72	0.72	0.72	0.72	0.72	0.76	0.76	0.76	0.76	0.76	0.80	0.81	0.81	0.81	0.81
	47°F (8.3°C)	TC	18076	18100	18120	18121	18145	19165	19188	19207	19211	19234	20310	20337	20359	20363	20386	21534	21558	21581	21584	21611
		S/T	0.50	0.58	0.66	0.66	0.75	0.53	0.62	0.70	0.70	0.80	0.56	0.65	0.74	0.74	0.85	0.59	0.69	0.79	0.79	0.90
		PI	0.78	0.78	0.78	0.78	0.78	0.83	0.83	0.83	0.83	0.83	0.88	0.88	0.88	0.88	0.88	0.93	0.93	0.93	0.93	0.93
	82°F (27.8°C)	TC	19811	19838	19860	19860	19887	21005	21030	21051	21055	21080	22260	22289	22314	22318	22343	23602	23627	23653	23657	23686
		S/T	0.53	0.62	0.70	0.70	0.80	0.56	0.66	0.75	0.75	0.85	0.59	0.70	0.79	0.79	0.90	0.63	0.74	0.84	0.84	0.95
		PI	1.08	1.08	1.08	1.08	1.08	1.14	1.14	1.15	1.15	1.15	1.21	1.21	1.21	1.21	1.22	1.28	1.29	1.29	1.29	1.29
95°F (35.0°C)	TC	17110	17133	17151	17152	17175	18141	18162	18180	18184	18205	19225	19250	19271	19275	19296	20383	20405	20427	20430	20456	
	S/T	0.53	0.63	0.71	0.71	0.81	0.57	0.66	0.75	0.75	0.86	0.60	0.70	0.80	0.80	0.91	0.64	0.75	0.85	0.85	0.97	
	PI	1.49	1.49	1.49	1.49	1.49	1.58	1.58	1.58	1.58	1.58	1.67	1.67	1.68	1.68	1.68	1.77	1.77	1.78	1.78	1.78	
110°F (43.0°C)	TC	13135	13153	13167	13168	13185	13927	13943	13957	13960	13976	14759	14778	14794	14797	14814	15648	15665	15682	15685	15704	
	S/T	0.57	0.67	0.76	0.76	0.86	0.60	0.71	0.80	0.80	0.91	0.64	0.75	0.85	0.85	0.97	0.68	0.79	0.90	0.90	1.00	
	PI	1.36	1.36	1.36	1.36	1.37	1.44	1.44	1.45	1.45	1.45	1.53	1.53	1.53	1.53	1.53	1.62	1.62	1.62	1.62	1.63	
122°F (50.0°C)	TC	9402	9415	9425	9425	9438	9969	9980	9990	9992	10004	10564	10578	10590	10592	10604	11201	11213	11225	11227	11241	
	S/T	0.59	0.69	0.78	0.78	0.89	0.62	0.73	0.83	0.83	0.95	0.66	0.77	0.88	0.88	1.00	0.70	0.82	0.93	0.93	1.00	
	PI	1.31	1.32	1.32	1.32	1.32	1.39	1.39	1.40	1.40	1.40	1.48	1.48	1.48	1.48	1.48	1.56	1.57	1.57	1.57	1.57	
CDHAS26BB-24-I / CDHAS26BA-24-O	5°F (-15.0°C)	TC	23865	23897	23923	23924	23956	25303	25333	25358	25363	25393	26815	26850	26880	26885	26915	28431	28462	28493	28497	28532
		S/T	0.49	0.57	0.65	0.65	0.74	0.51	0.60	0.69	0.69	0.78	0.55	0.64	0.73	0.73	0.83	0.58	0.68	0.77	0.77	0.88
		PI	1.30	1.30	1.30	1.30	1.30	1.37	1.38	1.38	1.38	1.38	1.46	1.46	1.46	1.46	1.46	1.54	1.54	1.55	1.55	1.55
	17°F (-8.3°C)	TC	27146	27182	27212	27213	27249	28782	28816	28844	28850	28884	30501	30541	30575	30581	30615	32339	32374	32409	32414	32455
		S/T	0.49	0.57	0.65	0.65	0.74	0.5														

PERFORMANCE DATA – HEATING

DB – Dry Bulb

WB – Wet Bulb

TC:Total Cooling Capacity (BTU/hr)

S/T:Sensible Cooling Capacity Ratio

PI:Power Input(kW)

Input – Total Power (kW)

HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE											
OUTDOOR DB(°F)	TC: Total Heating Capacity(BTU/hr)					PI: Power Input(kW)					
	Indoor Conditions(DB °F)					Indoor Conditions(DB °F)					
	60.8°F(16.0°C)	68°F(20.0°C)	70°F(21.1°C)	71.6°F(22.0°C)	75.2°F(24.0°C)	60.8°F(16.0°C)	68°F(20.0°C)	70°F(21.1°C)	71.6°F(22.0°C)	75.2°F(24.0°C)	
CDHAS26BB-12-1/CDHAS26BA-12-O	-22°F (-30.0°C)	6438	6310	6278	6253	6197	1.43	1.45	1.45	1.45	1.46
	-13°F (-25.0°C)	7768	7613	7575	7544	7476	1.55	1.56	1.56	1.57	1.57
	-4°F (-20.0°C)	9497	9307	9260	9223	9140	1.68	1.69	1.70	1.70	1.71
	5°F (-15.0°C)	11642	11409	11352	11306	11205	1.71	1.72	1.73	1.73	1.74
	17°F (-8.3°C)	13234	12969	12904	12852	12737	2.14	2.15	2.16	2.16	2.17
	35°F (1.7°C)	15607	15295	15218	15157	15021	2.08	2.10	2.10	2.11	2.11
	47°F (8.3°C)	16488	16158	16077	16013	15869	1.39	1.41	1.41	1.41	1.42
	64.4°F (18.0°C)	14137	13854	13785	13730	13606	0.89	0.89	0.90	0.90	0.90
CDHAS26BB-18-1/CDHAS26BA-18-O	-22°F (-30.0°C)	9595	9403	9356	9318	9234	1.91	1.93	1.93	1.93	1.94
	-13°F (-25.0°C)	12082	11841	11782	11735	11629	0.00	0.00	0.00	0.00	0.00
	-4°F (-20.0°C)	15435	15126	15050	14990	14855	0.00	0.00	0.00	0.00	0.00
	5°F (-15.0°C)	18626	18253	18162	18089	17927	2.16	2.17	2.18	2.18	2.19
	17°F (-8.3°C)	18475	18106	18015	17943	17782	2.49	2.51	2.51	2.52	2.53
	35°F (1.7°C)	18227	17862	17773	17702	17543	2.03	2.05	2.05	2.06	2.06
	47°F (8.3°C)	20774	20359	20257	20176	19994	1.85	1.87	1.87	1.88	1.88
	64.4°F (18.0°C)	18237	17872	17783	17711	17552	1.09	1.10	1.10	1.10	1.11
CDHAS26BB-24-1/CDHAS26BA-24-O	-22°F (-30.0°C)	13878	13600	13532	13478	13357	2.51	2.53	2.53	2.54	2.55
	-13°F (-25.0°C)	16855	16518	16436	16370	16223	2.69	2.71	2.72	2.72	2.73
	-4°F (-20.0°C)	21005	20585	20482	20400	20217	2.75	2.77	2.78	2.78	2.79
	5°F (-15.0°C)	25442	24933	24809	24709	24487	2.99	3.02	3.02	3.03	3.04
	17°F (-8.3°C)	26198	25674	25546	25443	25214	3.06	3.08	3.09	3.10	3.11
	35°F (1.7°C)	30957	30338	30186	30065	29795	3.06	3.08	3.09	3.10	3.11
	47°F (8.3°C)	30470	29861	29712	29593	29327	2.42	2.44	2.44	2.45	2.46
	64.4°F (18.0°C)	28392	27824	27685	27574	27326	1.78	1.80	1.80	1.81	1.81