



Super DC Inverter

DC Inverter

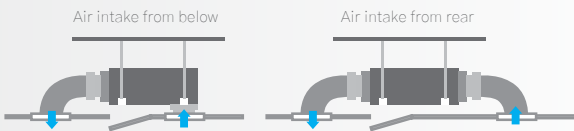
ON/OFF



Duct

Flexible Air Intake Ways

Air inlet from back standard and from bottom optional. The size of the plate from bottom and flange from back is the same, it's easy for installer to change the air inlet from back to bottom.



Optional Accessories

Optional accessories are available to meet the different needs of the customers and enhance the performance of the duct.



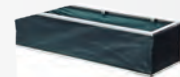
Filter



Panel



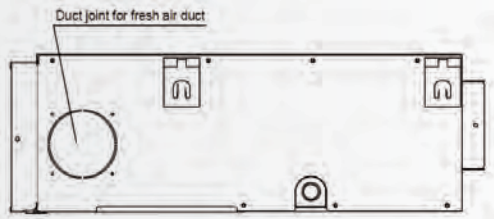
Front board



Canvas air passage

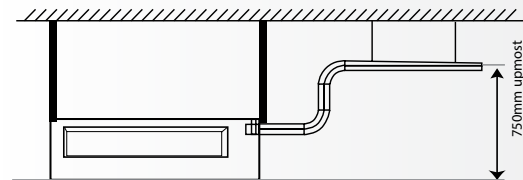
Fresh Air

Fresh air hole as standard, it's easy to connect with air duct.



Built-in Drain Pump (optional)

The drain pump can lift the condensing water up to 750mm upmost.



Anti-Cold Air Function



Auto Restart Function



Auto Defrosting



Timer



Wired Controller



Sleep Mode



Fashion Design



Independent Dehumidification



Low Ambient Cooling



PTC Heater



Built-in Drain Pump

Specification_Duct (Super DC Inverter)

Indoor Unit Outdoor Unit	TTB-24HWFN1-Q		TTB-30HWFN1-Q		TTB-36HWFN1-Q		TTB-48HWFN1-QC6	
	TOU-24HFN1-Q		TOU-30HFN1-Q		TOU-36HFN1-Q		TOU-48HFN1-Q	
Capacity	Cooling Capacity	Btu/h	27000-24000-5400	35800-30000-8100	42310-36000-9800	51200-48000-11600		
		kW	7.9-7.0-1.6	10.5-8.8-2.4	12.4-10.5-2.9	15.0-14.0-3.4		
	Heating Capacity	Btu/h	29000-26000-5800	40900-34000-9300	45050-39000-12600	54600-52000-14330		
		kW	8.5-7.6-1.7	12.0-10.0-2.7	13.2-11.4-3.7	16.0-15.2-4.2		
Electrical parts	Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1		
	Power Input (kW)	Cooling	2.64-2.03-0.61	3.32-2.56-0.75	3.99-3.07-0.92	5.32-4.09-1.23		
		Heating	2.64-2.03-0.61	3.47-2.67-0.80	3.97-3.05-0.91	5.29-4.07-1.22		
Performance	EER	W/W	3.45	3.43	3.42	3.42		
	COP	W/W	3.75	3.74	3.73	3.73		
	Air Flow Volume	m ³ /h	1250/1010/890	1940/1670/1500	1780/1550/1420	2150/1790/1530		
	Static Pressure	Pa	70	80	80	100		
	Noise Level (dB(A))	Hi/Med/Low	43/41/39	45/42/40	45/42/40	46/43/41		
Dimension & Weight	Net Dimension (mm)	WxHxD	920x270x635	1140x270x775	1140x270x775	1200x300x865		
	Net Weight	kg	27	37	36	45		
	Packing Dimension (mm)	WxHxD	1135x350x655	1355x350x795	1355x350x795	1385x373x920		
	Gross Weight	kg	31	43	43	53		
	Piping Size (mm)	Liquid	Ø9.5	Ø9.5	Ø9.5	Ø9.5		
Applicable Area & Stuffing Quantity (Set)	Applicable Area	m ²	28-47	36-60	42-70	56-93		
	Stuffing Quantity (Set)	20'/40'/40'HQ	43/91/106	30/63/74	30/63/74	25/52/60		

Specification_Duct (DC Inverter)

Indoor Unit Outdoor Unit	TTB1-12HWDN1-Q		TTB-18HWDN1-Q		TTB-24HWDN1-Q		TTB-30HWDN1-Q		TTB-36HWDN1		TTB-36HWDN1		TTB-48HWDN1		TTB-60HWDN1-R		
	TOU-12HDN1-Q		TOU-18HDN1-Q		TOU-24HDN1-QW		TOU-30HDN1-Q		TOU-36HDN1-Q		TOU-36HDN1-R		TOU-48HDN1-R		TOU-60HRDN1-R		
Capacity	Cooling Capacity	Btu/h	13102-12000-4777	21700-18000-7233	28524-24000-9519	36883-30000-12317	42104-36000-14057	42104-36000-14057	51658-48000-17230	57731-54592-19243							
		kW	3.84-3.2-1.40	6.36-5.3-2.12	8.36-7.1-2.79	10.81-9.0-3.61	12.34-10.5-4.12	12.34-10.5-4.12	15.14-14.0-5.05	16.92-16.0-5.64							
	Heating Capacity	Btu/h	15490-13000-5152	24532-19000-8188	32890-26000-10952	41490-32000-13818	51385-40000-17128	51385-40000-17128	59983-52000-19994	68786-65000-22928							
		kW	4.54-4.0-1.51	7.19-5.6-2.40	9.64-7.6-3.21	12.16-9.5-4.05	15.06-12.0-5.02	15.06-12.0-5.02	17.58-15.0-5.86	20.16-17.5-6.72							
Electrical parts	Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	
	Power Input (kW)	Cooling	1.42-1.03-0.47	2.28-1.62-0.76	3.01-2.19-1.00	3.98-2.72-1.33	4.39-3.28-1.45	4.39-3.28-1.45	5.53-4.35-1.84	6.22-4.99-2.07							
		Heating	1.46-1.03-0.49	2.33-1.51-0.78	3.13-2.09-1.04	3.92-2.62-1.31	4.87-3.25-1.62	4.87-3.25-1.62	5.71-4.16-1.90	6.59-4.85-2.20							
Performance	EER	W/W	3.42	3.26	3.24	3.24	3.22	3.23	3.22	3.21	3.21	3.21	3.21	3.21	3.21	3.21	
	COP	W/W	3.72	3.69	3.64	3.63	3.61	3.63	3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.61	
	Air Flow Volume	m ³ /h	800/610/520	1170/770/650	1400/1100/1000	2250/1940/1720	2270/1890/1650	2270/1890/1650	3010/2410/1940	3150/2510/1990							
	Static Pressure	Pa	40	70	70	80	80	80	100	100	100	100	100	100	100	100	
	Noise Level (dB(A))	Hi/Med/Low	37/30/26	44/36/33	45/43/41	46/44/42	46/44/42	46/44/42	47/45/43	47/45/43							
Dimension & Weight & Piping Size	Net Dimension (mm)	WxHxD	700x210x635	920x210x635	920x270x635	1140x270x775	1140x270x775	1140x270x775	1200x300x865	1200x300x865							
	Net Weight	kg	20	23	39	39	39	43	50	50							
	Packing Dimension (mm)	WxHxD	915x290x655	1135x290x655	1135x350x655	1355x350x795	1355x350x795	1355x350x795	1385x373x920	1385x373x920							
	Gross Weight	kg	25	29	46	46	46	50	59	59							
	Piping Size (mm)	Liquid	Ø6.4	Ø6.4	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø9.5	
Applicable Area & Stuffing Quantity	Applicable Area	m ²	13-21	21-35	28-47	36-60	42-70	42-70	56-93	64-107							
	Stuffing Quantity (Set)	20'/40'/40'HQ	71/148/170	61/133/151	47/107/120	31/65/71	27/59/68	27/59/68	16/42/48	16/42/48							

Specification_Duct (ON/OFF)

Indoor Unit Outdoor Unit	TTB1-12HWN1-Q		TTB-18HWN1-Q		TTB-24HWN1-Q		TTB-30HWN1-Q		TTB-30HWN1-R		TTB-36HWN1-Q		TTB-36HWN1-R		TTB-48HWN1-R		TTB-60HWN1-R	
	TOU-12HN1		TOU-18HN1-Q		TOU-24HN1-Q		TOU-30HN1-Q		TOU-30HN1-R		TOU-36HN1-Q		TOU-36HN1-R		TOU-48HN1-R		TOU-60HN1-R	
Capacity	Cooling Capacity	Btu/h	12000	18000	24000	30000	30000	36000	36000	40000	40000	48000	48000	52000	52000	60000	60000	60000
		kW	3.2	5.3	7.1	9.0	9.0	10.5	10.5	10.5	10.5	12.0	12.0	15.4	15.4	17.6	17.6	17.6
	Heating Capacity	Btu/h	13000	20000	26000	32000	32000	40000	40000	40000	40000	52000	52000	52000	52000	60000	60000	60000
		kW	4.0	6.0	7.6	9.5	9.5	12.0	12.0	12.0	12.0	15.4	15.4	17.6	17.6	17.6	17.6	17.6
Electrical parts	Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	380-415, 50, 3	220-240, 50, 1	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3
	Power Input (W)	Cooling	1060	1755	2415	3169	3167	3737	3737	3737	3737	5109	5109	5861	5861	5861	5861	5861
Performance	EER	W/W	3.02	3.02	2.94	2.84	2.84	2.81	2.81	2.81	2.74	2.74	2.73	2.73	2.73	2.73	2.73	2.73
	COP	W/W	3.30	3.20	3.14	2.85	2.85	2.81	2.81	2.81	2.80	2.79	2.79	2.79	2.79	2.79	2.79	2.79
	Air Flow Volume	m ³ /h	800/610/520	1170/770/650	1400/1100/1000	2250/1940/1720	2250/1940/1720	2270/1890/1650	2270/1890/1650	3010/2410/1940	3150/2510/1990							
	Static Pressure	Pa	40	70	70	80	80	80	80	100	100	100	100	100	100	100	100	100
	Noise Level (dB(A))	Hi/Med/Low	37/30/26	44/36/33	45/43/41	46/44/42	46/44/42	46/44/42	46/44/42	47/45/43	47/45/43							
Dimension & Weight & Piping Size	Net Dimension (mm)	WxHxD	700x210x635	920x210x635	920x270x635	1140x270x775	1140x270x775	1140x270x775	1140x270x775	1140x270x775	1200x300x865	1200x300x865						
	Net Weight	kg	20	24	28	41	41	41	41	41	47	47						
	Packing Dimension (mm)	WxHxD	915x290x655	1135x290x655	1135x350x655	1355x350x795	1355x350x795	1355x350x795	1355x350x795	1385x373x920	1385x373x920							
	Gross Weight	kg	25	30	34	46	46	46	50	55	55	55	55	55	55	55	55	
	Piping Size (mm)	Liquid	Ø6.4	Ø6.4	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø12.7	Ø12.7	Ø12.7	Ø12.7	Ø12.7	Ø12.7	Ø12.7	
Applicable Area & Stuffing Quantity	Applicable Area	m ²	13-21	21-35	28-47	36-60	36-60	42-70	42-70	56-93	64-107	64-107						
	Stuffing Quantity (Set)	20'/40'/40'HQ	86/174/198	61/133/151	47/107/120	27/59/68	27/59/68	27/59/68	27/59/68	17/41/59	17/41/59							

Remark:

- 1.The above design and specifications are subject to change of product improvement without prior notice .
- 2.The noise level data reflects the level in anechoic chamber .