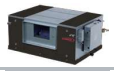
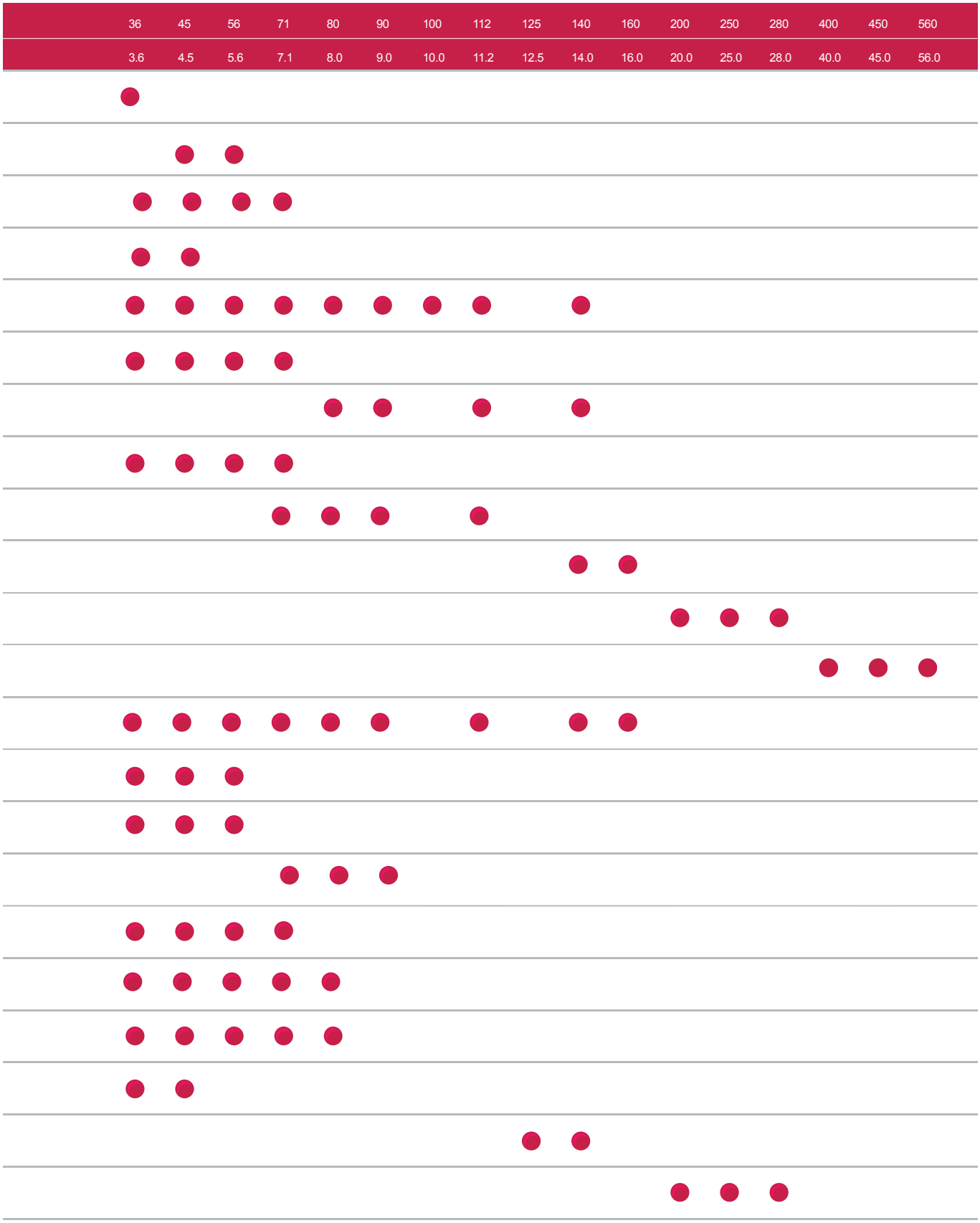
Type		Model	15	18	22	28
		kW	1.5	1.8	2.2	2.8
One-way Cassette	LV-UC1 XX-I4T			●	●	●
	LV-UC1 XX-I4T					
Two-way Cassette	LV-UC2 XX-I4T				●	●
Compact Four-way Cassette	LV-UC4A XX-I4T		●		●	●
Four-way Cassette	LV-UC4 XX-I4T					●
Low Static Pressure Duct	LV-UD3 XX-I4T			●	●	●
Concealed Duct Unit(A5 Type)	LV-UD5 XX-I4T					
	LV-UD5 XX-I4T		●		●	●
High Static Pressure Duct	LV-UD1 XX-I4T					
						
						
						
Ceiling & Floor	LV-UCF XX-I4T					
Wall-mounted	LV-UHS XX-I4T		●		●	●
	LV-UHC XX-I4T				●	●
	LV-UHR XX-I4T					
	LV-UHD XX-I4T				●	●
Floor Standing	LV-UF3 XX-I4T				●	●
	LV-UFS4 XX-I4T LV-UFS5 XX-I4T				●	●
Console	LV-UC XX-I4T				●	●
Fresh Air Processing Unit	LV-UFA XX-I4T					
						

12 types and more than 100 models are available to meet varied customer requirements,1.5kW model is only available for LV series and MINI VRF system.


36 45 56 71 80 90 100 112 125 140 160 200 250 280 400 450 560
3.6 4.5 5.6 7.1 8.0 9.0 10.0 11.2 12.5 14.0 16.0 20.0 25.0 28.0 40.0 45.0 56.0

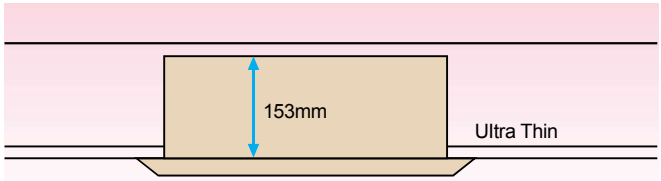
em.

One-way Cassette

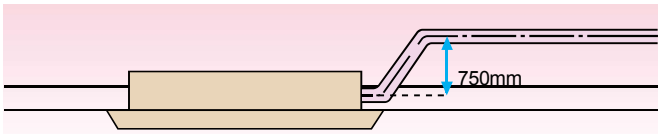
- Auto Restart
- Fresh Air
- Auto Addressing
- Cleanable Panel
- Follow Me
- Anti-Cold Air Function
- LED Display
- Built-in Drain Pump

Only 153mm thickness

Compact design,ultra slim body with a minimum thickness of 153mm for model 18-36,especially suitable for narrow ceiling , such as in lobbies and small meeting rooms.

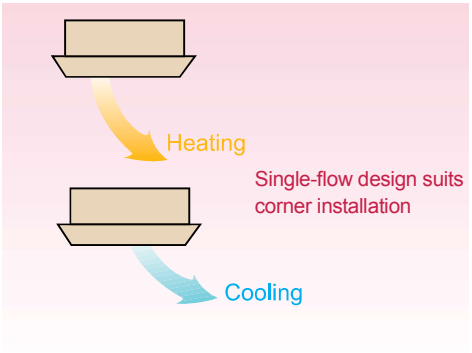


Standard built-in drain pump with 750mm pump head.



Auto swing

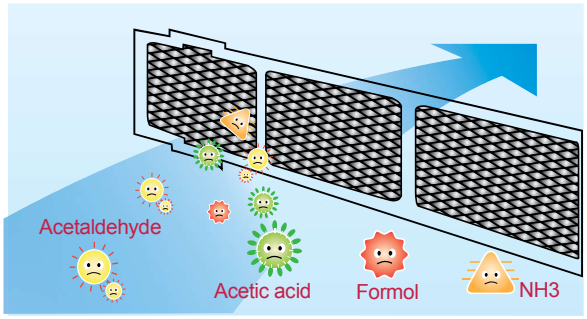
Auto swing mechanism guarantees even airflow distribution and a better room temperature balance.



Fresh air, improved air quality

Reserved fresh air intake port for high quality air creates a comfortable and healthy environment.

Special enzyme sterilization and filtering technologies filter bacteria, smog, and pollen. Provide a clean, healthy and natural air supply.



Model			LV-UC118-I4T	LV-UC122-I4T	LV-UC128-I4T	LV-UC136-I4T	LV-UC145-I4T	LV-UC156-I4T
Power supply			1-phase,220-240V,50Hz					
Cooling capacity		kW	1.8	2.2	2.8	3.6	4.5	5.6
		kcal/h	1500	1900	2400	3100	3900	4800
		Btu/h	6100	7500	9600	12300	15400	19100
Heating capacity		kW	2.2	2.6	3.2	4	5	6.3
		kcal/h	1900	2200	2800	3400	4300	5400
		Btu/h	7500	8900	10900	13600	17100	21500
Rated input	Cooling	W	41	41	41	41	80	85
	Heating		41	41	41	41	80	85
Rated current	Cooling	A	0.24	0.24	0.25	0.25	0.37	0.39
	Heating		0.24	0.24	0.25	0.25	0.37	0.39
Airflow rate(H/M/L)		m^3/h	523/404/275	523/404/275	573/456/315	573/456/315	704/630/503	860/810/702
		CFM	308/238/162	308/238/162	337/268/185	337/268/185	414/370/296	506/476/413
Sound pressure level(H/M/L)		dB(A)	37/34/30	38/34/30	39/37/34	40/38/34	41/39/35	42/40/36
Refrigerant		Type	R410A					
		Control method	EXV					
Indoor Unit	Net dim.(W×H×D)	mm	1054×169×425				1147×200×640	
	Gross dim.(W×H×D)		1155×245×490				1380×265×775	
	Net/Gross	kg	12.5/16		13/16.5		31.5/37.2	
Panel	Net dim.(W×H×D)	mm	1180×36.5×465		1180×36.5×465		1425×10×755	
	Gross dim.(W×H×D)		1232×107×517		1232×107×517		1500×110×870	
	Net/Gross	kg	3.5/5.2		3.5/5.2		9/12	
Piping connections	L(flare)	mm	Φ6.35		Φ6.35		Φ6.35	Φ9.53
	G(flare)	mm	Φ12.7		Φ12.7		Φ12.7	Φ15.9
	Drain piping	mm	OD Φ25		OD Φ25		OD Φ25	
Standard Controller			Wireless remote controller LV-CRC04)					

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB,19°CWB,outdoor temperature:35°CDB, equivalent ref. Piping: 8m(horizontal)
2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB,outdoor temperature: 7°CDB, 6°CWB,equivalent ref. Piping: 8m(horizontal)
3. Sound level is measured at 1.4m below the unit.

Two-way Cassette

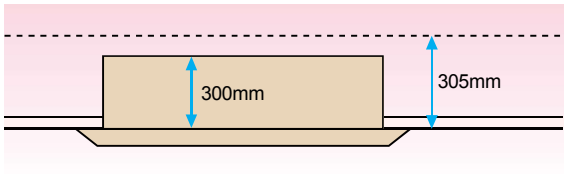
- Auto Restart
- Fresh Air
- Auto Addressing
- Cleanable Panel
- Follow Me
- Anti-Cold Air Function
- LED Display
- Built-in Drain Pump

Quiet operation

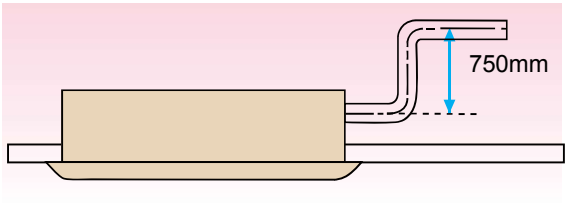
Optimized airflow duct with low resistance greatly reduces noise, minimum down to 24dB(A).

Stylish design and slim body

Thanks to the stylish appearance and slim body, the unit suits any room's decor and ambience. At only 300mm high, the unit requires only a small suspended ceiling space. Installation has no height limitations, which makes overall design features much more flexible.



Standard built-in drain pump with 750mm pump head (higher pump head can be customized).



Flat-type suction grille design greatly simplifies maintenance work.

High airflow

High airflow for high ceiling application guarantees comfort in large space. It makes every person in the room get even distribution of airflow and temperature.

Model			LV-UC222-I4T	LV-UC228-I4T	LV-UC236-I4T	LV-UC245-I4T	LV-UC256-I4T	LV-UC271-I4T
Power supply			1-phase, 220-240V, 50Hz					
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1
		kcal/h	1,900	2,400	3,100	3,900	4,800	6,100
		Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
Heating capacity		kW	2.6	3.2	4.0	5.0	6.3	8.0
		kcal/h	2,200	2,800	3,400	4,300	5,400	6,900
		Btu/h	8,900	10,900	13,600	17,100	21,500	27,300
Power input	Cooling	W	57	57	60	92	108	154
	Heating		57	57	60	92	108	154
Rated current	Cooling	A	0.35	0.45	0.45	0.55	0.55	0.75
	Heating		0.35	0.45	0.45	0.55	0.55	0.75
Airflow rate(H/M/L)		m^3/h	654/530/410	654/530/410	725/591/458	850/670/550	980/800/670	1,200/1,000/770
		CFM	385/312/241	385/312/241	427/348/270	500/394/324	577/471/394	706/589/453
Sound pressure level(H/M/L)		dB(A)	33/29/24	36/32/29	36/32/29	39/35/30	39/35/30	44/40/34
Refrigerant		Type	R410A					
		Control method	EXV					
Body	Net dim.(W×H×D)	mm	1,172×299×591	1,172×299×591	1,172×299×591	1,172×299×591	1,172×299×591	1,172×299×591
	Gross dim.(W×H×D)		1,355×400×675	1,355×400×675	1,355×400×675	1,355×400×675	1,355×400×675	1,355×400×675
	Net/gross	kg	34/42.5	34/42.5	34/42.5	36/44.5	36/44.5	36/44.5
Panel	Net dim.(W×H×D)	mm	1,430×53×680	1,430×53×680	1,430×53×680	1,430×53×680	1,430×53×680	1,430×53×680
	Gross dim.(W×H×D)		1,525×130×765	1,525×130×765	1,525×130×765	1,525×130×765	1,525×130×765	1,525×130×765
	Net/gross	kg	10.5/15	10.5/15	10.5/15	10.5/15	10.5/15	10.5/15
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9
	Drain piping	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32
Standard Controller		-	Wireless remote controller(LV-CRC04)					

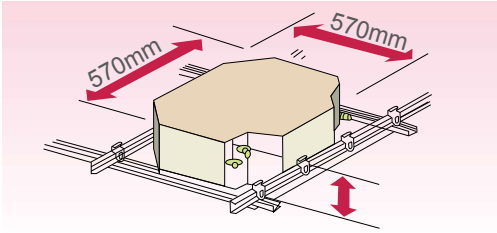
Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature : 27°CDB,19°CWB,outdoor temperature.:35°CDB, equivalent ref. Piping: 8m(horizontal)
2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB,outdoor temperature.: 7°CDB, 6°CWB,equivalent ref. Piping: 8m(horizontal)
3. Sound level is measured at 1.4m below the unit.

Compact Four-way Cassette

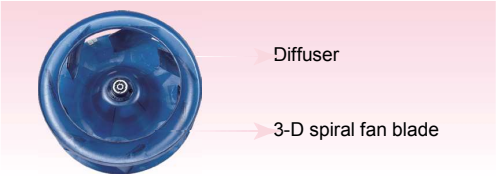
- Auto Restart
- Fresh Air
- Auto Addressing
- Cleanable Panel
- Follow Me
- Anti-Cold Air Function
- Built-in Drain Pump
- LED Display
- Super High Air Flow

Compact design, easy installation and maintenance



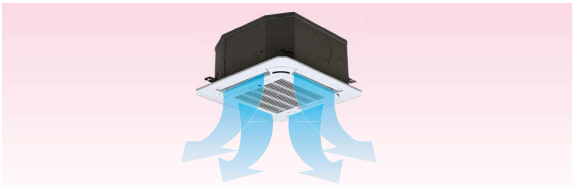
Extremely compact casing suits any room's decor and requires little space for installation on a low ceiling. Due to the compact body and light weight, all models can be installed without a hoist.

Quiet operation, gentle air supply



Streamline plate ensures quiet operation
Advanced 3-D spiral fan design reduces air resistance and operation noise.

Four-way uniform airflow

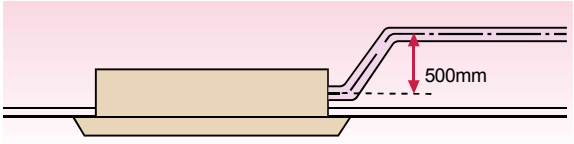


Four air discharge ports provide strong air flow circulation to cool or heat every corner of a room and evenly distribute temperature. High airflow mode can maximize the conditioning effect in rooms that are over 3m high.

360°Airflow outlet

360° air outlet provides strong air flow circulation to cool or heat every corner of a room and evenly distribute temperature.

Lift pump



Drain pump with a 500mm pump head is fitted as standard; maximum 600mm pump head is available.

Model			LV-UC4A15-I4T	LV-UC4A22-I4T	LV-UC4A28-I4T	LV-UC4A36-I4T	LV-UC4A45-I4T
Power supply			1-phase,220-240V,50Hz				
Cooling capacity		kW	1.5	2.2	2.8	3.6	4.5
		kcal/h	1300	1900	2400	3100	3900
		Btu/h	5100	7500	9600	12300	15400
Heating capacity		kW	1.7	2.4	3.2	4	5
		kcal/h	1500	2100	2700	3400	4300
		Btu/h	5800	8200	10900	13600	17100
Rated input	Cooling	W	36	50	50	56	56
	Heating		36	50	50	56	56
Rated current	Cooling	A	0.22	0.22	0.22	0.25	0.25
	Heating		0.22	0.22	0.22	0.25	0.25
Airflow rate(SH/H/M/L)		m^3/h	501/435/283/208	522/414/313/238	522/414/313/238	610/521/409/314	610/521/409/314
		CFM	295/256/167/98	307/244/184/140	307/244/184/140	359/307/241/185	359/307/241/185
Sound pressure level(H/M/L)		dB(A)	34.9/32.5/22.5	35.8/33.4/23.4	35.8/33.4/23.4	41.5/35.6/28.8	41.5/35.6/28.8
Refrigerant		Type	R410A				
		Control method	EXV				
Indoor Unit	Net dim.(W×H×D)	mm	570x260x570	570x260x570	570x260x570	570x260x570	570x260x570
	Gross dim.(W×H×D)		675x285x675	675x285x675	675x285x675	675x285x675	675x285x675
	NetGross	kg	16/19.5	16/20	16/20	18/22	18/22
Panel	Net dim.(W×H×D)	mm	647x50x647	647x50x647	647x50x647	647x50x647	647x50x647
	Gross dim.(W×H×D)		715x123x715	715x123x715	715x123x715	715x123x715	715x123x715
	NetGross	kg	2.4/4.5	2.4/4.5	2.4/4.5	2.4/4.5	2.4/4.5
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7
	Drain piping	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25
Standard Controller			Wireless remote controller (LV-CRC04)				

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature : 27°CDB,19°CWB,outdoor temperature:35°CDB, equivalent ref. Piping: 8m(horizontal)
2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB,outdoor temperature: 7°CDB, 6°CWB,equivalent ref. Piping: 8m(horizontal)
3. Sound level is measured at 1.4m below the unit.

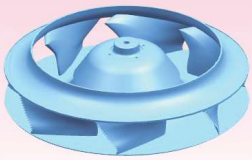
Four-way Cassette
- Silent Type

- Auto Restart
- Fresh Air
- Auto Addressing
- Cleanable Panel
- Follow Me
- Anti-Cold Air Function
- Built-in Drain Pump
- LED Display
- Super High Air Flow

Lower operating sound

The new designed wind wheel, ring and the built-in throttling part make the noise reduced greatly.

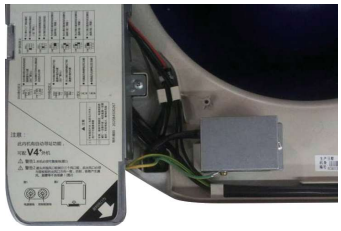
The former wind wheel



Optimized wind wheel

More reliable

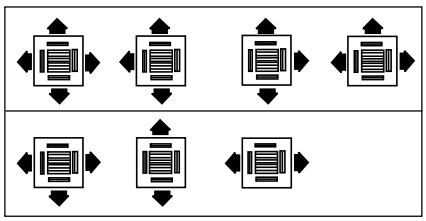
- The connection of drainage pan adopts foaming technology which can further improve the connection tightness.
- Capacitor is isolated by sheet metal box making more safety and higher reliability.



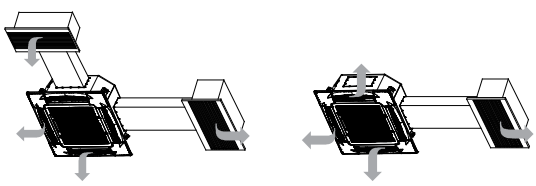
- The strong and weak electricity wires are separated in electronic control box making the interference decreased greatly.

Flexible air distribution type

- 7 discharge patterns in 2 to 4 directions can be selected to suit the requirements of installation site or the shape of the room.



- Duct connection is possible.



Model			LV-UC4E28-I4T	LV-UC4E36-I4T	LV-UC4E45-I4T	LV-UC4E56-I4T	LV-UC4E71-I4T
Power supply			1-phase, 220-240V, 50Hz				
Cooling capacity		kW	2.8	3.6	4.5	5.6	7.1
		kcal/h	2,400	3,100	3,900	4,800	6,100
		Btu/h	9,600	12,300	15,400	19,100	24,200
Heating capacity		kW	3.2	4	5	6.3	8
		kcal/h	2,800	3,400	4,300	5,400	6,900
		Btu/h	10,900	13,600	17,100	21,500	27,300
Power input	Cooling	W	80	80	88	88	88
	Heating	W	80	80	88	88	88
Rated current	Cooling	A	0.31	0.31	0.41	0.41	0.41
	Heating	A	0.31	0.31	0.41	0.41	0.41
Airflow rate (SH/H/M/L)		m^3/h	920/764/638//554	920/764/638//554	1090/905/740//651	1090/905/740//651	1140/950/767//663
		CFM	541/450/375/326	541/450/375/326	641/532/435/383	641/532/435/383	670/560/451/390
Sound pressure level (H/M/L)		dB(A)	32/31/30	32/31/30	36/34/33	36/34/33	38/36/35
Refrigerant	Type		R410A				
	Control method		EXV				
Body	Net dim. (W×H×D)	mm	840×230×840				
	Gross dim. (W×H×D)	mm	955×260×955				
	Net/Gross weight	kg	21.5/26.7	21.5/26.7	23.7/28.9	23.7/28.9	23.7/28.9
Panel	Net dim. (W×H×D)	mm	950×54.5×950				
	Gross dim. (W×H×D)	mm	1035×90×1035				
	Net/Gross weight	kg	6/9				
Piping connections	L (flare)	mm	Φ6.35			Φ9.53	
	G (flare)	mm	Φ12.7			Φ15.9	
	Drain piping	mm	Φ32				
Standard controller			Wireless remote controller (LV-CRC04)				

Model			LV-UC4E80-I4T	LV-UC4E90-I4T	LV-UC4E100-I4T	LV-UC4E112-I4T	LV-UC4E140-I4T
Power supply			1-phase, 220-240V, 50Hz				
Cooling capacity		kW	8.0	9.0	10.0	11.2	14.0
		kcal/h	6,900	7,700	8,600	9,600	12,000
		Btu/h	27,300	30,700	34,100	38,200	47,800
Heating capacity		kW	9.0	10.0	11.1	12.5	16.0
		kcal/h	7,700	8,600	9,500	10,800	13,800
		Btu/h	30,700	34,100	37,900	42,700	54,600
Power input	Cooling	W	110	140	165	165	176
	Heating	W	110	140	165	165	176
Rated current	Cooling	A	0.48	0.67	0.72	0.72	0.75
	Heating	A	0.48	0.67	0.72	0.72	0.75
Airflow rate (SH/H/M/L)		m^3/h	1380/1200/1021/789	1598/1332/1129/908	1750/1651/1304/1127	1750/1651/1304/1127	1774/1658/1335/1130
		CFM	812/706/600/464	940/784/664/534	1029/971/767/663	1029/971/767/663	1044/975/785/665
Sound pressure level (H/M/L)		dB(A)	42/39/37	43/39/38	45/42/40	45/42/40	46/41/39
Refrigerant	Type		R410A				
	Control method		EXV				
Body	Net dim. (W×H×D)	mm	840×230×840	840×300×840			
	Gross dim. (W×H×D)	mm	955×260×955	955×330×955			
	Net/Gross weight	kg	23.7/28.9	28.7/34.1	28.7/34.1	28.7/34.1	30.9/36.3
Panel	Net dim. (W×H×D)	mm	950×54.5×950				
	Gross dim. (W×H×D)	mm	1035×90×1035				
	Net/Gross weight	kg	6/9				
Piping connections	L (flare)	mm	Φ9.53				
	G (flare)	mm	Φ15.9				
	Drain piping	mm	Φ32				
Standard controller			Wireless remote controller (LV-CRC04)				

Notes:

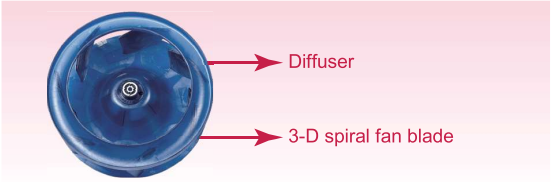
1. Nominal cooling capacities are based on the following conditions: return air temperature. : 27°CDB,19°CWB,outdoor temperature.:35°CDB, equivalent ref. Piping: 8m(horizontal)
2. Nominal heating capacities are based on the following conditions: return air temperature.: 20°CDB,outdoor temperature.: 7°CDB, 6°CWB,equivalent ref. Piping: 8m(horizontal)
3. Sound level is measured at 1.4m below the unit.

Four-way Cassette

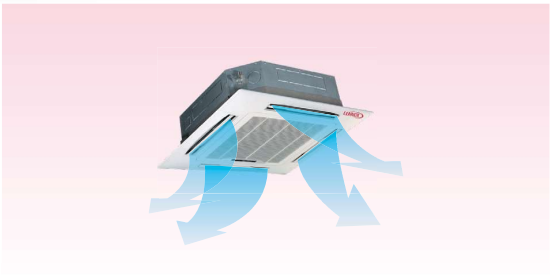
- Auto Restart
- Fresh Air
- Auto Addressing
- Cleanable Panel
- Follow Me
- Anti-Cold Air Function
- Built-in Drain Pump
- LED Display
- Super High Air Flow

Quiet operation, gentle air supply

- Streamline plate ensures quiet operation.
- Advanced 3-D spiral fan design reduces air resistance and operation noise.



Four-stage fan speed



Easy troubleshooting

By adding digital tube on the display board, Error Codes can be displayed directly for troubleshooting.

Four-way uniform air flow

Four air discharge ports provide strong air flow circulation to cool or heat every corner of a room and evenly distribute temperature. High airflow mode can maximize the conditioning effect in rooms that are over 3m high.

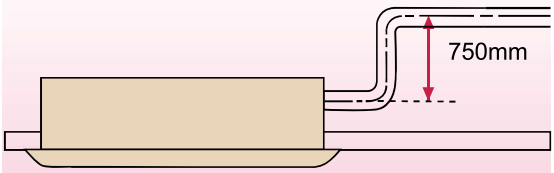
360°Airflow outlet

360° air outlet provides strong air flow circulation to cool or heat every corner of a room and evenly distribute temperature.

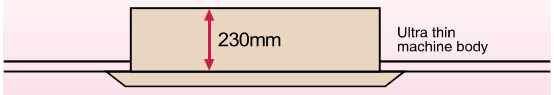
Reserved multi-function ports

High lift pump

Drain pump can take condenser water up to 750mm, which simplifies installation of the drain piping system.



Ultra-thin machine body (minimum height 230mm) simplifies installation and maintenance.



Model			LV-UC428-I4T	LV-UC436-I4T	LV-UC445-I4T	LV-UC456-I4T	LV-UC471-I4T
Power supply			1-phase, 220-240V, 50Hz				
Cooling capacity		kW	2.8	3.6	4.5	5.6	7.1
		kcal/h	2,400	3,100	3,900	4,800	6,100
		Btu/h	9,600	12,300	15,400	19,100	24,200
Heating capacity		kW	3.2	4.0	5.0	6.3	8.0
		kcal/h	2,800	3,400	4,300	5,400	6,900
		Btu/h	10,900	13,600	17,100	21,500	27,300
Power input	Cooling	W	65	65	75	75	82
	Heating		65	65	75	75	82
Rated current	Cooling	A	0.4	0.4	0.4	0.4	0.5
	Heating		0.4	0.4	0.4	0.4	0.5
Airflow rate(SH/H/M/L)		m^3/h	1,187/847/766/640	1,187/847/766/640	1,121/864/755/658	1,121/864/755/658	1,385/1,157/955/749
		CFM	699/498/450/376	699/498/450/376	660/508/444/387	660/508/444/387	815/680/562/440
Sound pressure level(H/M/L)		dB(A)	42/38/35	42/38/35	42/38/35	42/38/35	45/42/39
Refrigerant		Type	R410A				
		Control method	EXV				
Body	Net dim.(W×H×D)	mm	904×230×840	904×230×840	904×230×840	904×230×840	904×230×840
	Gross dim.(W×H×D)		955×260×955	955×260×955	955×260×955	955×260×955	955×260×955
	Net/gross	kg	24/28	24/28	26/30	26/30	26/30
Panel	Net dim.(W×H×D)	mm	950×54.5×950	950×54.5×950	950×54.5×950	950×54.5×950	950×54.5×950
	Gross dim.(W×H×D)		1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
	Net/gross	kg	6/9	6/9	6/9	6/9	6/9
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9
	Drain piping	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32
Standard Controller		-	Wireless remote controller(LV-CRC04)				

Model			LV-UC480-I4T	LV-UC490-I4T	LV-UC4100-I4T	LV-UC4112-I4T	LV-UC4140-I4T
Power supply			1-phase, 220-240V, 50Hz				
Cooling capacity		kW	8.0	9.0	10.0	11.2	14.0
		kcal/h	6,900	7,700	8,600	9,600	12,000
		Btu/h	27,300	30,700	34,100	38,200	47,800
Heating capacity		kW	9.0	10.0	11.1	12.5	15.0
		kcal/h	7,700	8,600	9,500	10,800	12,900
		Btu/h	30,700	34,100	37,900	42,700	51,200
Power input	Cooling	W	97	160	160	160	170
	Heating		97	160	160	160	170
Rated current	Cooling	A	0.5	0.7	0.7	0.7	0.8
	Heating		0.5	0.7	0.7	0.7	0.8
Airflow rate(SH/H/M/L)		m^3/h	1,431/1,236/973/729	1,758/1,540/1,300/1,120	1,758/1,540/1,300/1,120	1,758/1,540/1,300/1,120	1,843/1,800/1,500/1,280
		CFM	842/727/572/429	1,035/906/765/659	1,035/906/765/659	1,035/906/765/659	1,085/1,059/883/753
Sound pressure level(H/M/L)		dB(A)	45/42/39	48/45/43	48/45/43	48/45/43	50/47/44
Refrigerant		Type	R410A				
		Control method	EXV				
Body	Net dim.(W×H×D)	mm	904×230×840	904×300×840	904×300×840	904×300×840	904×300×840
	Gross dim.(W×H×D)		955×260×955	955×330×955	955×330×955	955×330×955	955×330×955
	Net/gross	kg	26/30	32/37	32/37	32/37	32/37
Panel	Net dim.(W×H×D)	mm	950×54.5×950	950×54.5×950	950×54.5×950	950×54.5×950	950×54.5×950
	Gross dim.(W×H×D)		1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
	Net/gross	kg	6/9	6/9	6/9	6/9	6/9
Piping connections	L(flare)	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32
Standard Controller		-	Wireless remote controller(LV-CRC04)				

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature. : 27°CDB,19°CWB,outdoor temperature.:35°CDB, equivalent ref. Piping: 8m(horizontal)
2. Nominal heating capacities are based on the following conditions: return air temperature.: 20°CDB,outdoor temperature.: 7°CDB, 6°CWB,equivalent ref. Piping: 8m(horizontal)
3. Sound level is measured at 1.4m below the unit.

Low Static Pressure Duct

- Auto Restart
- Anti-Cold Air Function
- Auto Addressing
- Wireless remote controller
- Follow Me
- Super High Air Flow

Low sound level

Utilizes the centrifugal type blower, provides a minimum noise level of 24dB (A), an excellent choice for hotels and other sound-sensitive places.

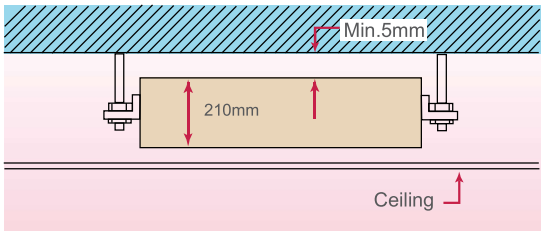
V shape evaporator-- good for heat exchanging

V shape evaporator design enhances heat exchanging efficiency about 22%.

Convenient for installation and maintenance

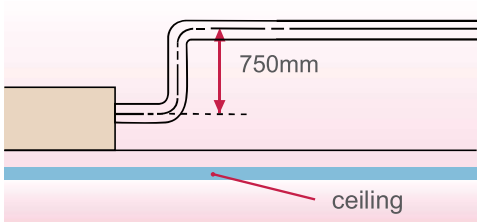
The EXV is fixed inside the indoor unit.

Compact design



Uniform 210mm in height, compact design for easy locate where space ceiling is limited,
The whole body adopts fireproof plastic material, the minimum weight is 14kg.

Options



A drain pump with 750mm pumphead is an optional accessory.

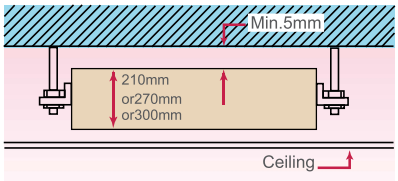
Model			LV-UD318-I4T	LV-UD322-I4T	LV-UD328-I4T	LV-UD336-I4T	LV-UD345-I4T	LV-UD356-I4T	LV-UD371-I4T
Power supply			220-240V~1Ph~50Hz						
Cooling capacity		kW	1.8	2.2	2.8	3.6	4.5	5.6	7.1
		kcal/h	1500	1900	2400	3100	3900	4800	6100
		Btu/h	6100	7500	9600	12300	15400	19100	24200
Heating capacity		kW	2.2	2.6	3.2	4	5	6.3	8
		kcal/h	1900	2200	2800	3400	3900	5400	6900
		Btu/h	7500	8900	10900	13600	17100	21500	27300
Rated input	Cooling	W	59	59	59	65	105	105	130
	Heating		59	59	59	65	105	105	130
Rated current	Cooling	A	0.31	0.31	0.31	0.36	0.36	0.36	0.5
	Heating		0.31	0.31	0.31	0.36	0.36	0.36	0.5
Airflow rate(SH/H/M/L)		m^3/h	606(30pa)/578/512/409			646(30pa) /617/551/441	803(pa)/824/690/609		1207(30pa) /1060/970/811
		CFM	357/340/301/241			380/363/324/260	473/485/406/358		710/624/571/477
External Static Pressure		Pa	10(10~30)	10(10~30)	10(10~30)	10(10~30)	10(10~30)	10(10~30)	10(10~30)
Sound pressure level (H/M/L)		dB(A)	35/27/24	35/27/24	35/27/24	38/32/28	39/32/29	39/32/29	41/33/30
Refrigerant type		Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A
		Control type	EXV	EXV	EXV	EXV	EXV	EXV	EXV
Indoor unit	Dimension (W×H×D)	mm	740×210×470	740×210×470	740×210×470	740×210×470	960×210×470	960×210×470	1180×210×470
	Packing (W×H×D)	mm	910×230×510	910×230×510	910×230×510	910×230×510	1130×230×510	1130×230×510	1350×230×510
	Net(Gross) weight	kg	14/17.5	14/17.5	14/17.5	14/17.5	17.5/22	17.5/22	21/26.5
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9
	Drain piping	mm	Φ25	Φ25	Φ25	Φ25	Φ25	Φ25	Φ25
Standard Controller			Wireless remote controller (LV-CRC04)						

Notes:
1. Nominal cooling capacities are based on the following conditions: return air temp.: 27°CDB, 19°CWB, and outdoor temp.:35°CDB, equivalent ref. piping: 8m (horizontal)
2. Nominal heating capacities are based on the following conditions: return air temp.: 20°CDB, outdoor temp.: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
3.Sound level is measured at 1.4m below the air outlet.
* External static pressure is based on high speed indoor air flow.

Concealed Duct Unit (A5 Type)

- Auto Restart
- Follow Me
- Built-in Drain Pump
- Auto Addressing
- Connectable To Duct
- Fresh Air
- Anti-Cold Air Function
- Wired Controller
- Super High Air Flow

Compact size



Only 210mm (15~71 models) or 270mm (80 to 112 models) or 300mm (140 model) in height.

External static pressure

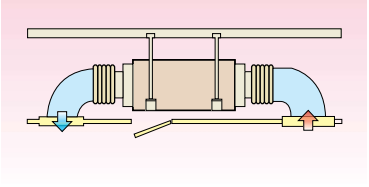
Four speed fan motor (Super high speed is optional)

Change the wiring connection from 'SH' to 'H' to change the ESP.

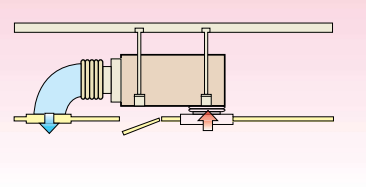
Convenient installation

The EXV is fixed inside of the indoor unit.
Standard filter is housed in an aluminum frame, which is removable from the bottom in the downward direction.
Suction chamber is included as standard equipment.
Fresh air hole, air inlet/outlet flange are standard for easy duct connection.
A rear air inlet is standard and an inlet at the bottom is optional. Both use the same connectable duct.

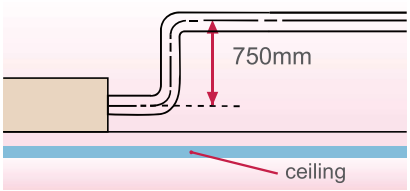
Air intake from back



Air intake from below



drain pump as standard



Flexible control and easy maintenance

Standard wired remote controller LV-CWC94.
The electrical control box can be removed 1m away from the unit for easy maintenance access. Customers need to request this service in advance for it is done at Midea CAC factory.
Standard functional ports are included such as Remote On/Off Dry contact switch and Alarm signal output (220V).

Model			LV-UD515-I4T	LV-UD522-I4T	LV-UD528-I4T	LV-UD536-I4T	LV-UD545-I4T	LV-UD556-I4T
Power supply				1-phase,220-240V,50Hz				
Cooling capacity		kW	1.5	2.2	2.8	3.6	4.5	5.6
		kcal/h	1290	1900	2400	3100	3900	4800
		Btu/h	5100	7500	9600	12300	15400	19100
Heating capacity		kW	1.7	2.6	3.2	4	5	6.3
		kcal/h	1500	2200	2800	3400	4300	5400
		Btu/h	5800	8900	10900	13600	17100	21500
Rated input	Cooling	W	56	57	57	61	98	103
	Heating		56	57	57	61	98	103
Rated current	Cooling	A	0.31	0.31	0.31	0.33	0.36	0.36
	Heating		0.31	0.31	0.31	0.33	0.36	0.36
Airflow rate(SH/H/M/L)		m^3/h	588(30pa)/538/456/375			614(30pa)/597/514/429	763(30pa)/811/684/575	763(30pa)/811/684/575
		CFM	346/317/268/221			361/351/303/253	449/477/403/338	449/477/403/338
ESP(external static pressure)		Pa	10(10-30)	10(10-30)	10(10-30)	10(10-30)	10(10-30)	10(10-30)
Sound pressure level(H/M/L)		dB(A)	35.8/34.6/31.4	36/35/32	37/35/32	38.6/37.5/33.8	39/37.9/34	39/37.9/34
Refrigerant		Type	R410A					
		Control method	EXV					
Indoor Unit	Net dim.(W×H×D)	mm	740x210x500	740x210x500	740x210x500	740x210x500	960x210x500	960x210x500
	Gross dim.(W×H×D)		870×285×525	870×285×525	870×285×525	870×285×525	1,115x285x525	1,115x285x525
	NetGross	kg	17.5/20.5	17.5/20	17.5/20	17.5/20	22.5/26	22.5/26
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9
	Drain piping	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25
Standard Controller			Wired controller LV-CWC94 (6 meters connection wire)					

Model			LV-UD571-I4T	LV-UD280-I4T	LV-UD290-I4T	LV-UD2112-I4T	LV-UD2140-I4T
Power Supply			220～240V-1Ph-50Hz				
Capacity	Cooling	kW	7.1	8	9	11.2	14
		kcal/h	6,100	6,900	7,700	9,600	12,000
		btu/h	24,200	27,300	30,700	38,200	47,800
	Heating	kW	8	9	10	12.5	15.5
		kcal/h	6,900	7,700	8,600	10,800	13,300
		Btu/h	27,300	30,700	34,100	42,700	52,900
Power (Cooling)	Input	W	105	198	200	313	274
	Rated Current	A	0.47	1.0	1.0	1.8	1.55
Power (Heating)	Input	W	105	198	200	313	274
	Rated Current	A	0.47	1.0	1.0	1.8	1.55
Indoor air flow (SH/H/M/L)		m^3/h	1127(30pa)/1029/934/781	1388(50pa)/1345/1165/1013	1388(50pa)/1345/1165/1013	1851(80pa)/1800/1556/1400	1745(100pa)/1905/1636/1400
		CFM	663/606/550/460	817/792/686/596	817/792/686/596	1.089/1,059/916/824	1,027/1121/963/824
ESP (external static pressure)		Pa	10(10~30)	20(10~50)	20(10~50)	40(10~80)	40(10~100)
Sound pressure level(H/M/L)		dB(A)	41.4/39/35	45.4/39.8/37	45.4/39.8/37	48.0 /41.9/38	47.7/43.2/39.0
Refrigerant	Type		R410A				
	Control method		EXV				
Net dimension	W×H×D	mm	1,180x210x500	1180×270×775	1180×270×775	1180×270×775	1240×300×865
Packing dimension	W×H×D	mm	1,335x285x525	1,355×350×795	1,355×350×795	1,355×350×795	1,400×375×925
Net/Gross Weight		kg	28/31.5	38/46.5	40/48	40/48	49/58
Piping Connections	L(flare)	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
	G(Flare)	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25
Standard Controller		-	Wired controller LV-CWC94 (6 meters connection wire)				

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, and outdoor temperature:35°CDB, equivalent ref. piping: 8m (horizontal)
2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
3. Sound level is measured at 1.4m below the air out-let.

⋆ External static pressure is based on high speed indoor air flow.

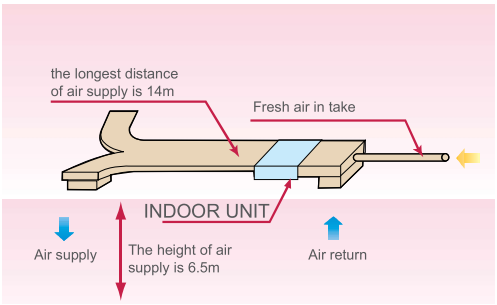
⋆ Specifications are subject to change without prior notice for product improvement.

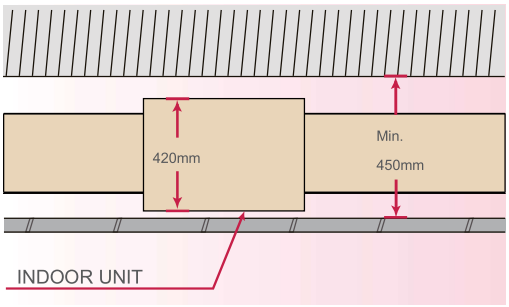
High Static Pressure Duct

- Auto Restart
- Anti-Cold Air Function
- Auto Addressing
- Connectable To Duct
- Follow Me
- Wired Controller

Flexible duct design

External static pressure can be up to 196Pa (models 71 to 160) or 280Pa (models 200 to 560).





The maximum distance for air supply is about 14m at height of 6.5m.
With a 420mm (models 71 to 160) thick body, the minimum distance required above the ceiling is 450mm.

Greater flexibility with the four-speed fan

Four speed fan motor(model 71 to 160)

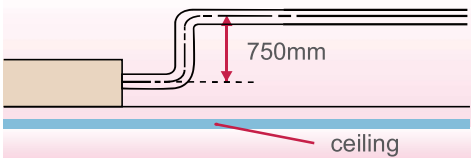
Convenient installation

The EXV is fixed inside the indoor unit (models 70-160), requires no extra connection.
Standard filter is housed in an aluminum frame, which is removable from the bottom in the downward direction.
Flange for air in/outlet duct connection is standard.

Flexible control and convenient for maintenance

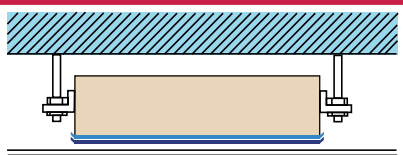
Wired remote controller LV-CWC94 is as standard, and wireless remote controller LV-CRC04 is as an option.
The display board is connected to the E-box in factory, easier troubleshooting by LED display.
Easy access filters both at the rear & bottom
Standard functional port such as remote on/off dry contact.

Option



Drain pump with 750mm pump head is optional (models 71 to 160)

Double-skin drainage pan



Double-skin drainage pan provide double protection for ceilings (models 71 to 160 and models 400 to 560)

Model			LV-UD171-I4T	LV-UD180-I4T	LV-UD190-I4T	LV-UD1112-I4T	LV-UD1140-I4T	LV-UD1160-I4T
Power Supply			220 ~ 240V-1Ph-50Hz					
Capacity	Cooling	kW	7.1	8	9	11.2	14	16
		kcal/h	6,100	6,900	7,700	9,600	12,000	13,800
		Btu/h	24,200	27,300	30,700	38,200	47,800	54,600
	Heating	kW	8	9	10	12.5	16	17
		kcal/h	6,900	7,700	8,600	10,800	13,800	14,600
		Btu/h	27,300	30,700	34,100	42,700	54,600	58,000
Power (Cooling)	Input	W	263	263	423	524	724	940
	Rated Current	A	1.23	1.23	1.87	2.3	2.85	4.77
Power (Heating)	Input	W	263	263	423	524	724	940
	Rated Current	A	1.23	1.23	1.87	2.3	2.85	4.77
Indoor air flow (H/M/L)		m^3/h	1,443/1,361/1,218	1,416/1,338/1,220	1,951/1,741/1,518	2,116/1,936/1,520	3,000/2,618/2,226	3,620/3,044/2,744
		CFM	849/801/717	883/788/718	1,148/1,025/893	1,246/1,140/895	1,766/1,541/1,310	2,131/1,792/1,615
ESP (external static pressure)		Pa	25(25~ 196)	37(37~ 196)	37(37~ 196)	50(50~ 196)	50(50~ 196)	50(50~ 196)
Sound pressure level(H/M/L)		dB(A)	48/46/44	48/46/44.5	52/49/47	52/49/47	53/50/48	54/52/50
Refrigerant	Type		R410A					
	Control method		EXV					
Net dimension	W×H×D	mm	952×420×690	952×420×690	952×420×690	952×420×690	1.300×420×691	1.300×420×691
Packing dimension	W×H×D	mm	1,090×440×768	1,090×440×768	1,090×440×768	1,090×440×768	1,436×450×768	1,436×450×768
Net/Gross Weight		kg	45/50	45/50	46.5/52.4	50.6/56	68/70	70/77.5
Piping Connections	L(flare)	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32
Standard Controller		-	Wired controller LV-CWC94 (6 meters connection wire)					

Model			LV-UD1200-I4T	LV-UD1250-I4T	LV-UD1280-I4T	LV-UD1400-I4T	LV-UD1450-I4T	LV-UD1560-I4T
Power Supply			220 ~ 240V-1Ph-50Hz					
Capacity	Cooling	kW	20	25	28	40	45	56
		kcal/h	17,200	21,500	24,100	34,400	38,700	48,200
		Btu/h	68,200	85,300	95,500	136,500	153,500	191,100
	Heating	kW	22.5	26	31.5	45	50	63
		kcal/h	19,400	22,400	27,100	38,700	43,000	54,200
		Btu/h	76,800	88,700	107,500	153,500	170,600	214,960
Power (Cooling)	Input	W	1516	1516	1516	2700	2700	3400
	Rated Current	A	8.6	8.6	8.6	12.5	12.5	15.5
Power (Heating)	Input	W	1516	1516	1516	2700	2700	3400
	Rated Current	A	8.6	8.6	8.6	12.5	12.5	15.5
Indoor air flow (H/M/L)		m^3/h	4,700/4,100/3,599	4,700/4,100/3,599	4,700/4,100/3,599	7,472/6,072/4,995	7,472/6,072/4,995	9,550/7,950/6,600
		CFM	2,766/2,413/2,118	2,766/2,413/2,118	2,766/2,413/2,118	4,398/3,574/2,940	4,398/3,574/2,940	5,621/4,679/3,884
ESP (external static pressure)		Pa	200(50~280)	200(50~280)	200(50~280)	200(50~280)	200(50~280)	200(50~280)
Sound pressure level(H/M/L)		dB(A)	59/55/52	59/55/52	59/55/52	61/59/56	61/59/56	63/60/57
Refrigerant	Type		R410A					
	Control method		EXV					
Net dimension	W×H×D	mm	1,443×470×810	1,443×470×810	1,443×470×810	1,970×668×902.5	1,970×668×902.5	1,970×668×902.5
Packing dimension	W×H×D	mm	1,509×550×990	1,509×550×990	1,509×550×990	2,095×800×964	2,095×800×964	2,095×800×964
Net/Gross Weight		kg	115/129	115/129	115/129	232/245	232/245	235/250
Piping Connections	L(flare)	mm	Φ9.53×2	Φ9.53×2	Φ9.53×2	Φ9.53×2	Φ9.53×2	Φ9.53×2
	G(flare)	mm	Φ15.9×2	Φ15.9×2	Φ15.9×2	Φ22.2×2	Φ22.2×2	Φ22.2×2
	Drain piping	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32
Standard Controller		-	Wired controller LV-CWC94 (6 meters connection wire)					

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, and outdoor temperature:35°CDB, equivalent ref. piping: 8m (horizontal)
2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
3. Sound level is measured at 1.4m below the air out-let.

* External static pressure is based on high speed indoor air flow.
* Specifications are subject to change without prior notice for product improvement.

Ceiling & Floor

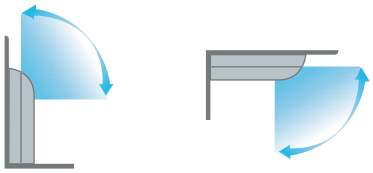
- Auto Restart
- Cleanable Panel
- Auto Addressing
- Anti-Cold Air Function
- Follow Me
- LED Display

Panel with LED display

The front panel and display panel have different colors to choose: white and brown for big panel, blue and brown for small panel. Other colors are available if required.

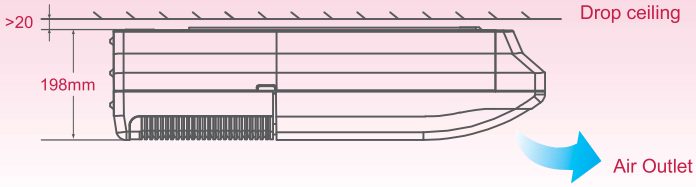
Convenient installation

- The unit even can be easily installed at the corner of a narrow ceilings.
- It is especially useful when central installation is impossible due to features such as lights.



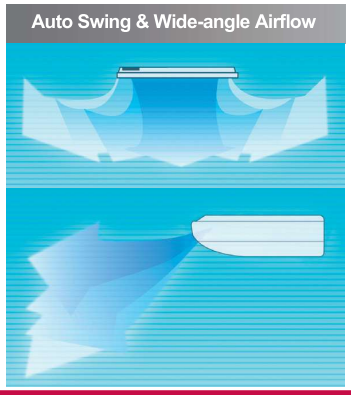
The unit can be installed either horizontally on the ceiling or vertically against the wall.

Quiet and comfortable environment



- The slim and sleek design starting at just 30kg enables quick, easy and neat installation.
- Low noise operations; minimum 36 dB(A)

Auto swing and wide angle air flow



1.Auto horizontal and auto vertical swing functions for more even and comfortable airflow.
2.Three air flow speeds: low, medium and high; double air guides.
3.Adopt electrical expansion valve, ensuring precise flow control, lower modulation noise when EXV operating.
4.Smoother airflow and less turbulence due to the multi-blade fan and the air guide design.

Model			LV-UCF36-I4T	LV-UCF45-I4T	LV-UCF56-I4T	LV-UCF71-I4T	LV-UCF80-I4T
Power supply			1-phase, 220-240V, 50Hz				
Cooling capacity		kW	3.6	4.5	5.6	7.1	8
		kcal/h	3,100	3,900	4,800	6,100	6,900
		Btu/h	12,300	15,400	19,100	24,200	27,300
Heating capacity		kW	4	5	6.3	8	9
		kcal/h	3,400	4300	5,400	6,800	7,700
		Btu/h	13,600	17,100	21,500	27,300	30,700
Power input	Cooling	W	49	120	122	125	130
	Heating		49	120	122	125	130
Rated current	Cooling	A	0.23	0.67	0.67	0.67	0.83
	Heating		0.23	0.67	0.67	0.67	0.83
Airflow rate(H/M/L)		m^3/h	650/570/500	800/600/500	800/600/500	800/600/500	1,200/900/700
		CFM	383/335/294	471/353/294	471/353/294	471/353/294	706/530/412
Sound pressure level(H/M/L)		dB(A)	40/38/36	43/41/38	43/41/38	43/41/38	45/43/40
Refrigerant		Type	R410A				
		Control method	EXV				
Net dimension(W×H×D)		mm	990×203×660	990×203×660	990×203×660	990×203×660	1,280×203×660
Packing dimension(W×H×D)		mm	1,089×296×744	1,089×296×744	1,089×296×744	1,089×296×744	1,379×296×744
Net weight		kg	26	28	28	28	34.5
Gross weight		kg	32	34	34	34	41
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	OD Φ16	OD Φ16	OD Φ16	OD Φ16	ODΦ16
Standard Controller		-	Wireless remote controller(LV-CRC04)				

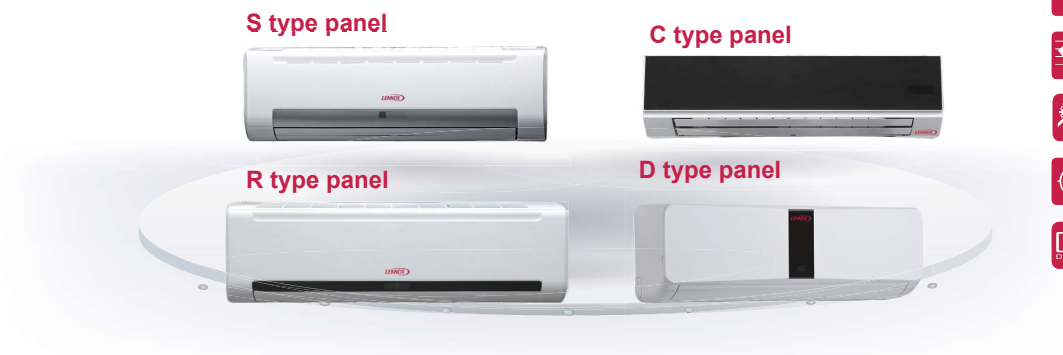
Model			LV-UCF90-I4T	LV-UCF112-I4T	LV-UCF140-I4T	LV-UCF160-I4T
Power supply			1-phase, 220-240V, 50Hz			
Cooling capacity		kW	9	11.2	14	16
		kcal/h	7,700	9,600	13,300	13,800
		Btu/h	30,700	38,200	47,800	54,600
Heating capacity		kW	10	12.5	15	18
		kcal/h	8,600	10,800	12,900	15,500
		Btu/h	34,100	42,700	51,200	61,400
Power input	Cooling	W	130	182	182	300
	Heating		130	182	182	300
Rated current	Cooling	A	0.83	1.11	1.11	1.41
	Heating		0.83	1.11	1.11	1.41
Airflow rate(H/M/L)		m^3/h	1,200/900/700	1,980/1,860/1,730	1,980/1,860/1,730	1,980/1,860/1,730
		CFM	706/530/412	1,165/1,095/1,018	1,165/1,095/1,018	1,165/1,095/1,018
Sound pressure level(H/M/L)		dB(A)	45/43/40	47/45/42	47/45/42	47/45/42
Refrigerant		Type	R410A			
		Control method	EXV			
Net dimension(W×H×D)		mm	1,280×203×660	1,670×244×680	1,670×244×680	1,670×285×680
Packing dimension(W×H×D)		mm	1,379×296×744	1,764×329×760	1,764×329×760	1,775×377×760
Net weight		kg	34.5	54	54	57.5
Gross weight		kg	41	59	59	63.5
Piping connections	L(flare)	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	ODΦ16	ODΦ16	ODΦ16	ODΦ16
Standard Controller		-	Wireless remote controller(LV-CRC04)			

Notes:

1. Nominal cooling capacities are based on the following conditions: return airtemperature.: 27°CDB, 19°CWB, and outdoor temperature.:35°CDB, equivalent ref. piping: 8m (horizontal)
2. Nominal heating capacities are based on the following conditions: return air temperature.: 20°CDB, outdoor temp.: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
3. Floor standing :Sound level is measured 1m from air-outlet in horizontal distance, 1m above the floor in vertical distance.
   Ceiling mounted:Sound level is measured 1m from air-outlet in horizontal distance,1m from air-outlet in vertical distance.

* Specifications are subject to change without prior notice for product improvement.

Wall-mounted



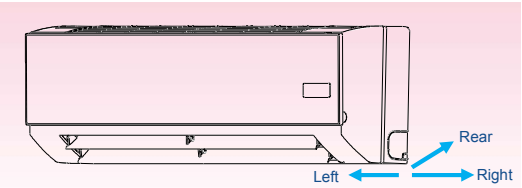
- Auto Restart
- Auto Addressing
- Cleanable Panel
- Anti-Cold Air Function
- Follow Me
- LED Display

Panel with LED display

The front panel and display panel have different colors to choose: white and brown for big panel, blue and brown for small panel.

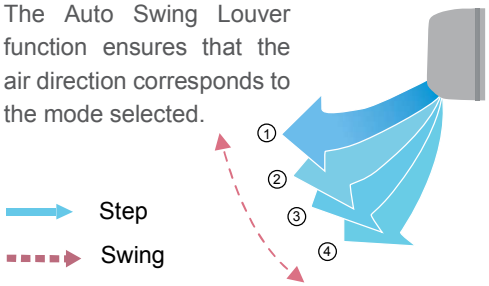
Convenient installation

- Multi-refrigerant outlet pipe method: left\right\rear, more flexible for installation.
- For S panel,R panel & C panel , the EXV is built-in the indoor unit , compact size , longer the connection pipe;gas pipe:468mm;liquid pipe:550mm,more flexible for installation. For D panel, the EXV can be 5m far away from the indoor unit, which lower the noise.
- Adopts new type fixing plate, is easy to install and stable.



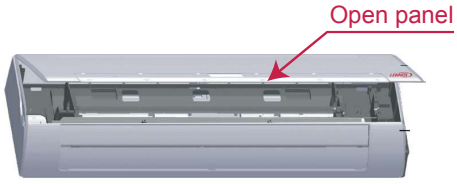
Auto swing louver

The Auto Swing Louver function ensures that the air direction corresponds to the mode selected.



Easy maintenance

The front panel can be removed for easy maintenance access.



Optimal comfort through better flow control and quiet operations

The mechanical expansion valve offers 2,000-stage element positions to ensure precise flow control and less modulation noise when the EXV is operating for a quiet and comfortable environment. Three air flow speeds: low, medium and high; double air guides. Smoother airflow and less turbulence is ensured by the multi-blade fan and the air guide design.

S type panel

Model			LV-UHS15-I4T	LV-UHS22-I4T	LV-UHS28-I4T	LV-UHS36-I4T	LV-UHS45-I4T	LV-UHS56-I4T
Power supply			1-phase,220-240V,50Hz					
Cooling capacity		kW	1.5	2.2	2.8	3.6	4.5	5.6
		kcal/h	1290	1900	2400	3100	3900	4800
		Btu/h	5100	7500	9600	12300	15400	19100
Heating capacity		kW	1.7	2.4	3.2	4	5	6.3
		kcal/h	1470	2100	2800	3400	4300	5400
		Btu/h	5800	8200	10900	13600	17100	21500
Rated input	Cooling	W	28	28	28	28	45	45
	Heating		28	28	28	28	45	45
Rated current	Cooling	A	0.12	0.14	0.14	0.14	0.2	0.2
	Heating		0.12	0.14	0.14	0.14	0.2	0.2
Airflow rate (H/M/L)		m^3/h	427/389/336	525/480/430	525/480/430	590/520/480	860/755/630	925/860/755
		CFM	251/229/198	309/283/253	309/283/253	347/306/283	506/444/371	544/506/444
Sound pressure level(H/M/L)		dB(A)	33/31/28	35/32/29	35/32/29	35/32/29	40/38/34	40/38/34
Refrigerant		Type	R410A					
		Control method	EXV					
Indoor Unit	Net dim.(W×H×D)	mm	915×230×290	915×230×290	915×230×290	915×230×290	1072×230×315	1072×230×315
	Gross dim.(W×H×D)		1,020×315×390	1,020×315×390	1,020×315×390	1,020×315×390	1,180×315×415	1,180×315×415
	NetGross	kg	12.4/15.9	13/16.8	13/16.8	13/16.8	15.1/19.5	15.1/19.5
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9
	Drain piping	mm	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5
Standard Controller			Wireless remote controller (LV-CRC04)					

Model			LV-UHS22-I4T +E heater	LV-UHS28-I4T +E heater	LV-UHS36-I4T +E heater	LV-UHS45-I4T +E heater	LV-UHS56-I4T +E heater
Power supply			1-phase, 220-240V, 50Hz				
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6
		kcal/h	1,900	2,400	3,100	3,900	4,800
		Btu/h	7,500	9,600	12,300	15,400	19,100
Heating capacity		kW	2.4+0.75	3.2+0.75	4+0.75	5+0.9	6.3+0.9
		kcal/h	2,100+600	2,800+600	3,400+600	4,300+800	5,400+800
		Btu/h	8,200+2,600	10,900+2,600	13,600+2,600	17,100+3,100	21,500+3,100
Power input	Cooling	W	28	28	28	45	45
	Heating		28	28	28	45	45
Rated current	Cooling	A	0.14	0.14	0.14	0.2	0.2
	Heating		0.14+3.38	0.14+3.38	0.14+3.38	0.20+4.05	0.20+4.05
Airflow rate(H/M/L)		m^3/h	525/480/430	525/480/430	590/520/480	860/755/630	925/860/755
		CFM	309/283/253	309/283/253	347/306/283	506/444/371	544/506/444
Sound pressure level(H/M/L)		dB(A)	35/32/29	35/32/29	35/32/29	40/38/34	40/38/34
Refrigerant		Type	R410A				
		Control method	EXV				
Net dimension(W×H×D)		mm	915×230×290	915×230×290	915×230×290	1,072×230×315	1,072×230×315
Packing dimension(W×H×D)		mm	1,020×315×390	1,020×315×390	1,020×315×390	1,180×315×415	1,180×315×415
Net weight		kg	13.3	13.3	13.3	15.5	15.5
Gross weight		kg	17.1	17.1	17.1	19.9	19.9
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9
	Drain piping	mm	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5
Standard Controller		-	Wireless remote controller(LV-CRC04)				

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, and outdoor temperature:35°CDB, equivalent ref. piping: 8m (horizontal) 2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
3. Sound level is measured 1m below the air outlet horizontally and vertically.

* Specifications are subject to change without prior notice for product improvement.

C type panel

Model			LV-UHC22-I4T	LV-UHC28-I4T	LV-UHC36-I4T	LV-UHC45-I4T	LV-UHC56-I4T
Power supply			1-phase, 220-240V, 50Hz				
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6
		kcal/h	1,900	2,400	3,100	3,900	4,800
		Btu/h	7,500	9,600	12,300	15,400	19,100
Heating capacity		kW	2.4	3.2	4	5	6.3
		kcal/h	2,100	2,800	3,400	4,300	5,400
		Btu/h	8,200	10,900	13,600	17,000	21,500
Power input	Cooling	W	28	28	28	45	45
	Heating		28	28	28	45	45
Rated current	Cooling	A	0.14	0.14	0.14	0.2	0.2
	Heating		0.14	0.14	0.14	0.2	0.2
Airflow rate(H/M/L)		m^3/h	520/480/430	520/480/430	520/480/430	860/755/630	925/860/755
		CFM	306/283/253	306/283/253	306/283/253	506/444/371	544/506/444
Sound pressure level(H/M/L)		dB(A)	35/32/29	35/32/29	35/32/29	40/38/34	40/38/34
Refrigerant		Type	R410A				
		Control method	EXV				
Net dimension(W×H×D)		mm	915×210×290	915×210×290	915×210×290	1,070×210×315	1,070×210×315
Packing dimension(W×H×D)		mm	1,020×300×385	1,020×300×385	1,020×300×385	1,180×300×410	1,180×300×410
Net weight		kg	12	12	12	15	15
Gross weight		kg	17.5	17.5	17.5	19	18
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9
	Drain piping	mm	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5
Standard Controller		-	Wireless remote controller(LV-CRC04)				

Model			LV-UHC22-I4T +E heater	LV-UHC28-I4T +E heater	LV-UHC36-I4T +E heater	LV-UHC45-I4T +E heater	LV-UHC56-I4T +E heater
Power supply			1-phase, 220-240V, 50Hz				
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6
		kcal/h	1,900	2,400	3,100	3,900	4,800
		Btu/h	7,500	9,600	12,300	15,400	19,100
Heating capacity		kW	2.4+0.75	3.2+0.75	4+0.75	5+0.9	6.3+0.9
		kcal/h	2,100+600	2,800+600	3,400+600	4,300+800	5,400+800
		Btu/h	8,200+2,600	10,900+2,600	13,600+2,600	17,100+3,100	21,500+3,100
Power input	Cooling	W	28	28	28	45	45
	Heating		28	28	28	45	45
Rated current	Cooling	A	0.14	0.14	0.14	0.2	0.2
	Heating		0.14+3.38	0.14+3.38	0.14+3.38	0.2+4.05	0.2+4.25
Airflow rate(H/M/L)		m^3/h	520/480/430	520/480/430	520/480/430	860/755/630	925/860/755
		CFM	306/283/253	306/283/253	306/283/253	506/444/371	544/506/444
Sound pressure level(H/M/L)		dB(A)	35/32/29	35/32/29	35/32/29	40/38/34	40/38/34
Refrigerant		Type	R410A				
		Control method	EXV				
Net dimension(W×H×D)		mm	915×210×290	915×210×290	915×210×290	1,070×210×315	1,070×210×315
Packing dimension(W×H×D)		mm	1,020×300×385	1,020×300×385	1,020×300×385	1,180×300×410	1,180×300×410
Net weight		kg	12	12	12	15	15
Gross weight		kg	17.5	17.5	17.5	19	19
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9
	Drain piping	mm	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5
Standard Controller		-	Wireless remote controller(LV-CRC04)				

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, and outdoor temperature:35°CDB, equivalent ref. piping: 8m (horizontal) 2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
3. Sound level is measured 1m below the air outlet horizontally and vertically.

* Specifications are subject to change without prior notice for product improvement.

R type panel

Model			LV-UHR71-I4T	LV-UHR80-I4T	LV-UHR90-I4T
Power supply			1-phase, 220-240V, 50Hz		
Cooling capacity		kW	7.1	8	9
		kcal/h	6,100	6,900	7,700
		Btu/h	24,200	27,300	30,700
Heating capacity		kW	8	9	10
		kcal/h	6,900	7,700	8,600
		Btu/h	27,300	30,700	34,100
Power input	Cooling	W	75	86	86
	Heating		75	86	86
Rated current	Cooling	A	0.33	0.39	0.39
	Heating		0.33	0.39	0.39
Airflow rate(H/M/L)		m^3/h	1190/780/580	1,320/840/640	1,320/840/640
		CFM	700/459/341	776/494/376	776/494/376
Sound pressure level(H/M/L)		dB(A)	47/43/42	48/43/38	49/43/38
Refrigerant		Type	R410A		
		Control method	EXV		
Net dimension(W×H×D)		mm	1,250×245×325	1,250×245×325	1,250×245×325
Packing dimension(W×H×D)		mm	1,345×335×430	1,345×335×430	1,345×335×430
Net weight		kg	19.9	19.9	19.9
Gross weight		kg	25	25	25
Piping connections	L(flare)	mm	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	OD Φ16.5	OD Φ16.5	OD Φ16.5
Standard Controller		-	Wireless remote controller(LV-CRC04)		

D type panel

Model			LV-UHD22-I4T	LV-UHD28-I4T	LV-UHD36-I4T	LV-UHD45-I4T	LV-UHD56-I4T	LV-UHD71-I4T
Power supply			1-phase,220-240V,50Hz					
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1
		kcal/h	1900	2400	3100	3900	4800	6100
		Btu/h	7500	9600	12300	15400	19100	24200
Heating capacity		kW	2.4	3.2	4	5	6.3	8
		kcal/h	2100	2800	3400	4300	5400	6900
		Btu/h	8200	10900	13600	17100	21500	27300
Rated input	Cooling	W	25	29.9	38.7	42.1	61.7	79
	Heating		25	29.9	38.7	42.1	0.3	0.35
Rated current	Cooling	A	0.13	0.15	0.18	0.21	61.7	79
	Heating		0.13	0.15	0.18	0.21	0.3	0.35
Airflow rate (H/M/L)		m^3/h	367/295/263	491/403/341	576/419/360	724/511/436	1,056/883/741	1,182/842/702
		CFM	216/174/155	289/237/201	339/247/212	426/301/257	622/520/436	696/496/413
Sound pressure level(H/M/L)		dB(A)	33/31/28	33/31/28	33/31/28	38/36/32	38/36/32	43/41/38
Refrigerant		Type	R410A					
		Control method	EXV					
Indoor Unit	Net dim.(W×H×D)	mm	680×180×255	770×190×255	770×190×255	905×205×275	1,030×220×315	1,030×220×315
	Gross dim.(W×H×D)		885×310×395	975×310×395	975×310×395	1,110×310×395	1,240×310×415	1,240×310×415
	NetGross	kg	6.5/11.9	7.4/12.8	7.4/12.8	9.1/14.7	12.9/19.2	12.9/19.2
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9
	Drain piping	mm	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16
Standard Controller			Wireless remote controller (LV-CRC04)					

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, and outdoor temperature:35°CDB, equivalent ref. piping: 8m (horizontal) 2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
3. Sound level is measured 1m below the air outlet horizontally and vertically.
* Specifications are subject to change without prior notice for product improvement.

Floor Standing

- Auto Restart
- Cleanable Panel
- Auto Addressing
- Anti-Cold Air Function
- Follow Me
- LED Display

Easy installation

Floor standing types can be hung on the wall or installed on the floor. The floor type of unit can make cleaning and maintenance much easier. Running the piping from the rear allows the unit to be hung on walls. Cleaning under the unit, where dust tends to accumulate, is considerably easier.

Easy maintenance

Filter is provided as a standard accessory. It can be removed and cleaned easily thanks to Midea's sophisticated design and the product's removable blades.

The streamlined appearance harmonizes the unit with a given room's interior decor. All metal parts are made of commercial grade galvanized steel for maximum protection against corrosion.

Saves installation space

Concealed floor standing type

F3B series concealed type

The body is concealed in the skirting board to improve aesthetics. The body is just 212mm deep, and can be installed at the room's perimeter. Special installation methods eliminate noise in the room area.

Air intake from front(F4 series)

Air intake from below(F5 series)

Model			LV-UF322-I4T	LV-UF328-I4T	LV-UF336-I4T	LV-UF345-I4T	LV-UF356-I4T	LV-UF371-I4T	LV-UF380-I4T
Power supply			1-phase,220-240V,50Hz						
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1	8
		kcal/h	1900	2400	3100	3900	4800	6100	6900
		Btu/h	7500	9600	12300	15400	19100	24200	27300
Heating capacity		kW	2.4	3.2	4	5	6.3	8	9
		kcal/h	2100	2800	3400	4300	5400	6900	7700
		Btu/h	8200	10900	13600	17100	21500	27300	30700
Rated input	Cooling	W	40	46	46	49	88	130	130
	Heating		40	46	46	49	88	130	130
Rated current	Cooling	A	0.18	0.21	0.22	0.22	0.4	0.56	0.59
	Heating		0.18	0.21	0.22	0.22	0.4	0.56	0.59
Airflow rate(H/M/L)		m^3/h	530/456/400	569/485/421	624/522/375	660/542/440	1150/970/830	1380/1100/870	1380/1100/870
		CFM	312/268/235	335/285/248	367/307/221	388/319/259	677/571/489	812/647/512	812/647/512
Sound pressure level (H/M/L)		dB(A)	36/33/29	36/33/29	37/34/30	37/34/30	41/35/31	44/39/33	44/39/33
Refrigerant		Type	R410A						
		Control method	EXV						
Indoor Unit	Net dim.(W×H×D)	mm	840×545×212	840×545×212	1040×545×212	1040×545×212	1440×545×212	1440×545×212	1440×545×212
	Gross dim.(W×H×D)		939×639×305	939×639×305	1139×639×305	1139×639×305	1425×639×305	1425×639×305	1425×639×305
	NetGross	kg	25/27	25/27	29.5/34	29.5/34	33/39	33/39	36/40
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16
Standard Controller			Wireless remote controller (LV-CRC04)						

Model			LV-UFS422-I4T LV-UFS522-I4T	LV-UFS428-I4T LV-UFS528-I4T	LV-UFS436-I4T LV-UFS536-I4T	LV-UFS445-I4T LV-UFS545-I4T	LV-UFS456-I4T LV-UFS556-I4T	LV-UFS471-I4T LV-UFS571-I4T	LV-UFS480-I4T LV-UFS580-I4T
Power supply			1-phase, 220-240V, 50Hz						
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	7.1	8
		kcal/h	1,900	2,400	3,100	3,900	4,800	6,100	6,900
		Btu/h	7,500	9,500	12,300	15,400	19,100	242,00	27,300
Heating capacity		kW	2.4	3.2	4	5	6.3	8	9
		kcal/h	2,100	2,800	3,400	4,300	5,400	6,900	7,700
		Btu/h	8,200	10,900	13,600	17,100	21,500	27,300	30,700
Power input	Cooling	W	40	46	46	49	88	130	130
	Heating		40	46	46	49	88	130	130
Rated current	Cooling	A	0.18	0.19	0.22	0.22	0.43	0.63	0.63
	Heating		0.18	0.19	0.22	0.22	0.43	0.63	0.63
Airflow rate(H/M/L)		m^3/h	530/456/400	569/485/421	624/522/375	660/542/440	1,150/970/830	1,380/1,100/870	1,380/1,100/870
		CFM	312/268/235	335/285/248	367/307/221	388/319/259	677/571/489	812/647/512	812/647/512
Sound pressure level(H/M/L)	F4	dB（A）	36/33/29	36/33/29	37/34/30	37/34/30	41/35/31	44/39/33	44/39/33
	F5		36/33/29	36/33/29	37/34/30	37/34/30	41/35/31	44/39/33	44/39/33
Refrigerant	Type		R410A						
	Control method		EXV						
Net dimension (W×H×D)	F4	mm	1,000×596×225	1,000×596×225	1,200×596×225	1,200×596×225	1,500×596×225	1,500×596×225	1,500×596×225
	F5		1,000×677×220	1,000×677×220	1,200×677×220	1,200×677×220	1,500×677×220	1,500×677×220	1,500×677×220
Packing dimension (W×H×D)	F4	mm	1,089×683×312	1,089×683×312	1,289×683×312	1,289×683×312	1,589×683×312	1,589×683×312	1,589×683×312
	F5		1,182×683×312	1,182×683×312	1,382×683×312	1,382×683×312	1,682×683×312	1,682×683×312	1,682×683×312
Net/Gross weight	F4	kg	30/35	30/35	36/44	36/44	41/46.5	41/46.5	42.5/48.5
	F5		30/38	30/38	35.5/41	35.5/41	42/51	42/51	44/53
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16
Standard Controller			Wireless remote controller(LV-CRC04)						

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, and outdoor temperature:35°CDB, equivalent ref. piping: 8m (horizontal)
2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
3. Sound level is measured 1m from the air out-let in horizontal distance and 1m above the floor in vertical distance.

* Specifications are subject to change without prior notice for product improvement.

Console

- Auto Restart
- Cleanable Panel
- Auto Addressing
- Anti-Cold Air Function
- Follow Me
- LED Display

Compact size and stylish

- The elegant and thin unit body complements the existing decor and saves space.
- The EXV is installed inside of the indoor unit for added compactness.

Flexible installation

- Can be installed on the floor or lower wall
- As a floor standing type, it can be semi or fully accessed without losing capacity.

High Comfort

- Flexible air blow: vertical auto swing and wide angle louvers ensure that warm air reaches every corner of the room and increases the air flow coverage.
- Indoor unit adopts DC motor with five fan speeds to meet different requirements.
- Applies the Fujikoki mechanical expansion valve which offers 2,000-stage element positions to ensure precise flow control and lower modulation noise when the EXV is operating.

Powerful mode can be selected for rapid cooling or heating

High efficiency filter

- Built in formaldehyde nemesis filter
- Active-carbon and biological anti-virus filter are optional.

Two air outlets and four air inlets

Four directions of air inlet;
two options of air outlet: Up and Down; or Up only.

Bottom, top, and right/left side, for better ventilation.

Low-noise design

Five-speed indoor unit; low noise; low power consumption.

Low noise operation, lowest to 26dB(A)

Model			LV-UC22-I4T	LV-UC28-I4T	LV-UC36-I4T	LV-UC45-I4T
Power supply			1-phase, 220-240V, 50Hz			
Cooling capacity		kW	2.2	2.8	3.6	4.5
		kcal/h	1,900	2,400	3,100	3,900
		Btu/h	7,500	9,600	12,300	15,400
Heating capacity		kW	2.6	3.2	4.0	5.0
		kcal/h	2,200	2,800	3,400	4,300
		Btu/h	8,900	10,900	13,600	17,100
Power input	Cooling	W	20	25	25	45
	Heating		20	25	25	45
Rated current	Cooling	A	0.09	0.11	0.15	0.2
	Heating		0.09	0.11	0.15	0.2
Airflow rate(H/M/L)		m^3/h	430/345/229	510/430/229	510/430/229	660/512/400
		CFM	253/203/135	300/253/135	300/253/135	388/300/235
Sound pressure level(H/M/L)		dB(A)	38/32/26	39/33/27	39/33/27	42/39/36
Refrigerant		Type	R410A			
		Control method	EXV			
Net dimension(W×H×D)		mm	700×210×600	700×210×600	700×210×600	700×210×600
Packing dimension(W×H×D)		mm	810×305×710	810×305×710	810×305×710	810×305×710
Net weight		kg	14	15	15	15
Gross weight		kg	19	20	20	20
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7
	Drain piping	-	OD Φ16	OD Φ16	OD Φ16	OD Φ16
Standard Controller			Wireless remote controller(LV-CRC04)			

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, and outdoor temperature:35°CDB, equivalent ref. piping: 8m (horizontal)
2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
3. Sound level is measured 1m from the air out-let in horizontal distance and 1m above the floor in vertical distance.

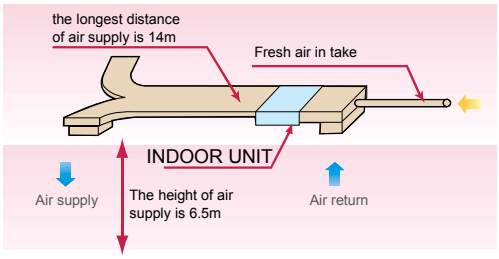
* Specifications are subject to change without prior notice for product improvement.

Fresh Air Processing Unit

Healthy and comfortable

Fresh air is imported, provides a healthy and comfortable living environment.
Four speed fan motor(model 125&140)

100% Fresh air processing unit

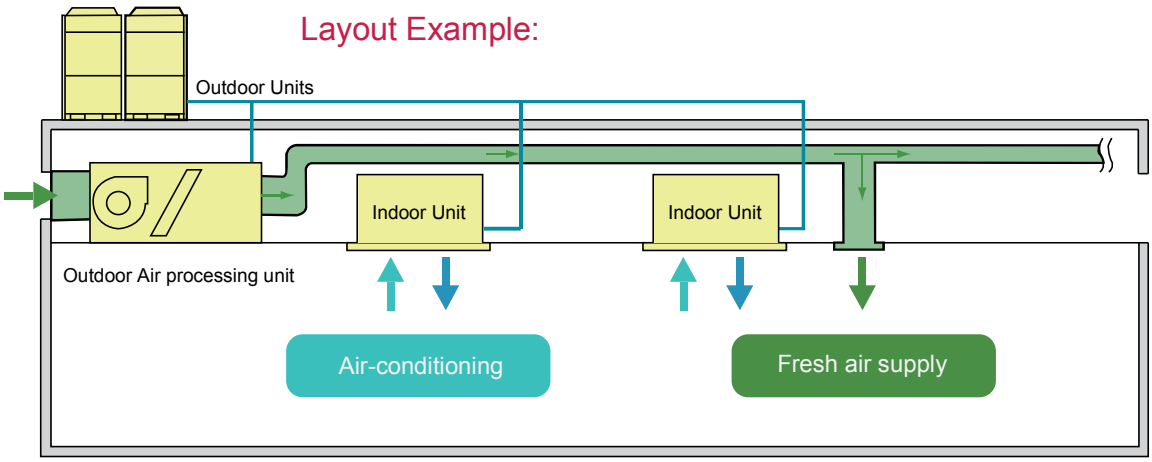


Both fresh air filtration and heating/cooling can be achieved in a single system.
Indoor units and fresh air processing unit can be connected to the same refrigerant system, increasing design flexibility and greatly reducing total system costs.

High external static pressure

External static pressure can be up to 196Pa(models 125 to 140) and 280Pa(models 200 to 280) for more flexible duct applications. The maximum distance of air supply is about 14m and the maximum height of air supply is about 6.5m.

Innovative air supply technology for excellent room temperature control



Model			LV-UFA125-I4T	LV-UFA140-I4T	LV-UFA200-I4T	LV-UFA250-I4T	LV-UFA280-I4T
Power Supply			1-phase, 220-240V, 50Hz				
Capacity	Cooling	kW	12.5	14	20	25	28
		kcal/h	10,800	12,000	17,200	21,500	24,100
		Btu/h	42,700	47,800	68,200	85,300	95,500
	Heating	kW	10.5	12	18	20	22
		kcal/h	9,000	10,300	15,550	17,200	18,900
		Btu/h	35,800	41,000	61,400	68,200	75,100
Power (Cooling)	Input	W	430	430	1063	1,063	1063
	Rated Current	A	2.4	2.4	5.3	5.6	5.6
Power (Heating)	Input	W	461	430	1063	1,063	1,063
	Rated Current	A	2.4	2.4	5.3	5.6	5.6
Air flow (H/M/L)		m^3/h	2,142/1,870/1,611	2,142/1,870/1,611	2,870/2,620/2,150	3,005/2,700/2,250	3,005/2,700/2,250
		CFM	1,261/1,101/948	1,261/1,101/948	1,689/1,542/1,265	1,766/1,589/1,324	1,766/1,589/1,324
ESP (external static pressure)		Pa	50(50~196)	50(50~196)	200(50~280)	200(50~280)	200(50~280)
Sound pressure level(H/M/L)		dB(A)	54/52/50	54/52/50	54/53/51	55/54/52	55/54/52
Refrigerant	Type		R410A				
	Control method		EXV				
Net dimension	W×H×D	mm	1,300×420×690	1,300×420×690	1,443×470×810	1,443×470×810	1,443×470×810
Packing dimension	W×H×D	mm	1,436×450×768	1,436×450×768	1,509×550×990	1,509×550×990	1,509×550×990
Net/Gross Weight		kg	69.5/76	69.5/76	115/125	115/125	115/125
Piping Connections	L(flare)	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	OD Φ25	OD Φ25	OD Φ32	OD Φ32	OD Φ32
Standard Controller		-	Wired controller LV-CWC94 (6 meters connection wire)				

Notes:

1 . Nominal cooling capacities are based on the following conditions: outdoor air temperature: 33ºC DB, 24ºC WB, equivalent ref. piping: 8m (horizontal)

2. Nominal heating capacities are based on the following conditions: outdoor air temperature: 0°CDB, -1°CWB, equivalent ref. Piping: 8m (horizontal)

3. Sound level is measured 1.4m from the air out-let.

* external static pressure are based on high speed indoor air flow.

* Specifications are subject to change without prior notice for product improvement.

Connection Conditions:

The following restrictions must be observed in order to maintain the indoor units connected to the same system.

* When outdoor-air processing units are connected, the total connection capacity must be within 50% to 100% of that of the outdoor units.

* When outdoor-air processing units and standard indoor units are connected, the total connection capacity of the outdoor-air processing units must not exceed 30% of that of the outdoor units.

* Outdoor-air processing units can be used without indoor units.

* The fresh air processing unit is not available for V4+R system

HRV

Heat recovery ventilator

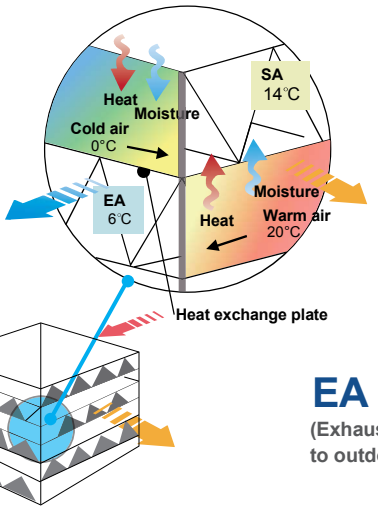
Larger air supply rate
enhanced heat exchange efficiency
enhanced energy saving property

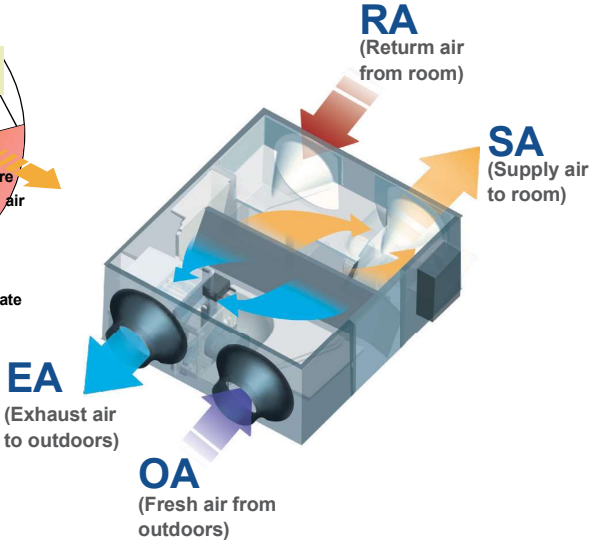
The heat recovery ventilator (HRV) can reclaim heat energy lost through ventilation and reduce the room temperature fluctuation caused by ventilation process. By utilizing the most advanced technology and technics, Lennox HRV has extremely good performance. The heat exchanged core is made of special paper processed with chemical treatment, which could realize better temperature and humidity control of the room environment. Temperature exchange efficiency is above 65% and enthalpy exchange efficiency between 50-65%.

Model Names

HRV-200
HRV-300
HRV-400
HRV-500
HRV-800
HRV-1000

HRV-1500
HRV-2000



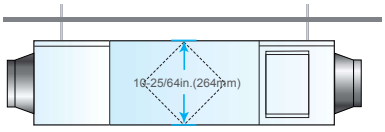


Low noise

Sound proof material is used to guarantee quiet operation.

Compact design, flexible installation and easy maintenance

With a min. height of only 10-25/64in.(264mm) and 50lbs (23kg) weight, the unit provides best convenience and possibility for installation in limited spaces.

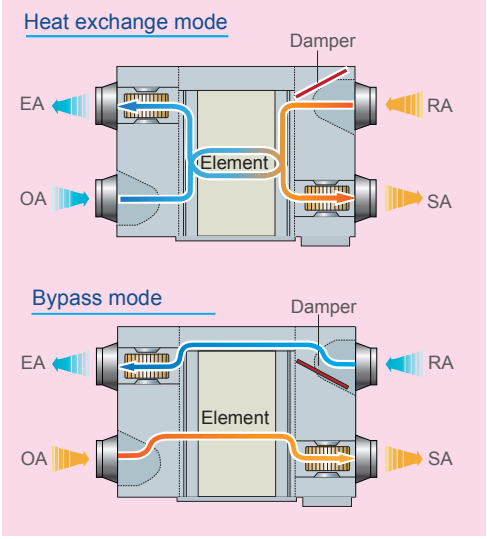


Multi-modes for different situations

Heat exchange mode

When air flow formed by the fans goes through the heat exchanged core in cross way, due to temperature difference between two channels of the core, thermal transmission happens naturally.

In summer days, high temperature outdoor air gets cooled by indoor exhaust air; in winter, low temperature outdoor air gets heated by indoor exhaust air. So the energy contained in exhaust air can be reclaimed and energy efficiency gets improved.



Bypass mode

In mild climate areas or seasons, when temperature and humidity level difference between indoor and outdoor is small, the unit works as conventional ventilation fan. Both supply fan and exhaust fan works at the same speed (Hi/mid/low/auto).

Air supply mode

It is one kind of bypass mode with air supply fan speed higher than exhaust fan speed. It can be used in mild climate area where large amount fresh air is needed.

Exhaust air mode

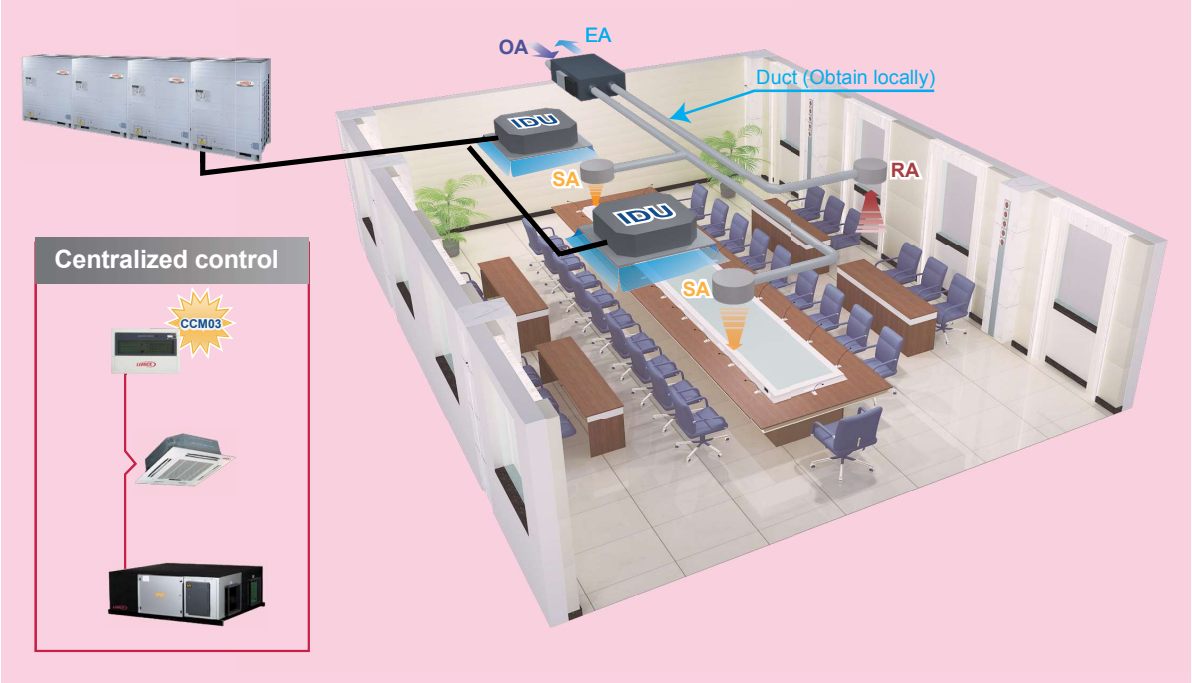
It is also one kind of bypass mode with exhaust fan speed higher than air supply fan speed. It can be used in mild climate area where large amount exhaust air needs to be expelled.

Auto mode

The controller chooses heat exchange mode or bypass mode according to the temperature difference between outdoor and indoor temperature. Both the two fans work at low speed.

Flexible control

Interlocking control with other indoor units by controller is possible.



Specifications

Model				HRV-200	HRV-300	HRV-400	HRV-500
Power supply			V/Ph/Hz	220-240/1/50		220-240/1/50 (220/1/60)	
Temperature exchange efficiency (%)		High	%	65	65	65	65
		Medium	%	65	65	65	65
		Low	%	70	70	70	70
Enthalpy exchange efficiency (%)	For cooling	High	%	50	50	50	50
		Medium	%	50	50	50	50
		Low	%	55	55	55	55
	For heating	High	%	55	55	60	60
		Medium	%	55	55	60	60
		Low	%	60	60	65	65
Sound pressure level	Heat exchange mode	High	dB(A)	27	30	32	35
		Medium	dB(A)	26	29	31	34
		Low	dB(A)	20	23	25	28
	Bypass mode	High	dB(A)	28	31	33	36
		Medium	dB(A)	27	30	32	35
		Low	dB(A)	22	25	27	30
Net dimension (W×D×H)			mm	866×655×264	944×722×270	944×927×270	1038×1026×270
			inch	34-1/8×25-3/4×10-3/8	37-3/16×	37-3/16×36-1/2×10-5/8	40-7/8×40-3/8×10-5/8
Packing size (W×D×H)			mm	930×730×445	1010×800×450	1010×1010×450	1120×1120×452
			inch	36-5/8×28-3/4×17-1/2	39-3/4×31-1/2×17-3/4	39-3/4×39-3/4×17-3/4	44-1/8×44-1/8×17-13/16
Net/gross weight			kg(lbs)	23/40(50.6/88)	26/44(57.2/96.8)	31/52(68.3/114.4)	41/64(90.4/140.8)
Casing				Galvanized steel plate			
Heat exchange system				Air to air cross flow total heat (sensible heat + latent heat) exchange			
Heat exchange element material				Specially processed nonflammable paper			
Fan	Type			Centrifugal fan			
	Airflow rate	High	m^3/h(CFM)	200	300	400(235.6)	500(294.5)
		Medium	m^3/h(CFM)	200	300	400(235.6)	500(294.5)
		Low	m^3/h(CFM)	150	225	300(176.7)	375(220.8)
	ESP	High	Pa	75	75	80	80
		Medium	Pa	58	60	65	68
		Low	Pa	35	40	43	45
	Motor output		W	20	40	80	120
Duct diameter			mm(in.)	Φ144(5-11/16)	Φ144(5-11/16)	Φ144(5-11/16)	Φ194(7-5/8)
Operating temperature range			°C	-7~43 DB, 80% RH or less			
			°F	19.4~109.4 DB, 80% RH or less			

Model				HRV-800	HRV-1000	HRV-1500	HRV-2000
Power supply			V/Ph/Hz	220-240/1/50 (220/1/60)		380/3/50 (220/3/60)	
Temperature exchange efficiency (%)		High	%	65	65	65	65
		Medium	%	65	65	/	/
		Low	%	70	70	/	/
Enthalpy exchange efficiency (%)	For cooling	High	%	50	50	50	50
		Medium	%	50	50	/	/
		Low	%	55	55	/	/
	For heating	High	%	60	60	60	60
		Medium	%	60	60	/	/
		Low	%	65	65	/	/
Sound pressure level	Heat exchange mode	High	dB(A)	39	40	51	53
		Medium	dB(A)	38	39	/	/
		Low	dB(A)	32	33	/	/
	Bypass mode	High	dB(A)	40	41	52	54
		Medium	dB(A)	39	40	/	/
		Low	dB(A)	34	35	/	/
Net dimension (W×D×H)			mm	1286×1006×388	1286×1256×388	1600×1270×540	1650×1470×540
			inch	50-5/8×39-5/8×15-1/4	50-5/8×49-7/16×15-1/4	63×50×21-1/4	65×57-7/8×21-1/4
Packing size (W×D×H)			mm	1380×1100×573	1390×1350×580	1680×1350×720	1760×1580×720
			inch	54-5/16×43-5/16×22-9/16	54-3/4×53-1/8×22-13/16	66-1/8×53-1/8×28-3/8	69-5/16×62-3/16×28-3/8
Net/gross weight			kg(lbs)	62/88(136.7/193.6)	79/110(173.8/242)	163/224(358.6/492.8)	182/247(400.4/543.4)
Casing				Galvanized steel plate			
Heat exchange system				Air to air cross flow total heat (sensible heat + latent heat) exchange			
Heat exchange element material				Specially processed nonflammable paper			
Fan	Type			Centrifugal fan			
	Airflow rate	High	m^3/h(CFM)	800(471.1)	1000(588.2)	1500(882.4)	2000(1176.5)
		Medium	m^3/h(CFM)	800(471.1)	1000(588.2)	/	/
		Low	m^3/h(CFM)	600(353.4)	750(441.2)	/	/
	ESP	High	Pa	100	100	160	170
		Medium	Pa	82	85	/	/
		Low	Pa	54	58	/	/
	Motor output		W	360	360	450	450
Duct diameter			mm(in.)	Φ242(9-1/2)	Φ242(9-1/2)	346×326(13-5/8×12-7/8)	346×326(13-5/8×12-7/8)
Operating temperature range			°C	-7~43 DB, 80% RH or less			
			°F	19.4~109.4 DB, 80% RH or less			

Note:
1. For the units model of HRV (400-1000), there are 3-speed adjustable air volume (Hi, Med, Low), but for the units model of HRV (1500-2000), there are only 1-speed which cannot be adjusted.
2. Sound level is measured at 1.4m below the center of the body in an anechoic chamber.
3. Temperature Exchange Efficiency is the mean value between cooling and heating.
4. Efficiency is measured under the following conditions:
* Cooling Condition: Air Exhaust Temp. 27°C(80.6°F) DB,19.5°C(67.1°F) WB., Fresh Air Temp. 35°C(95°F) DB,28°C(82.4°F) WB.
* Heating Condition: Air Exhaust Temp. 21°C(69.8°F) DB,13°C(55.4°F) WB., Fresh Air Temp. 5°C(41°F) DB,2°C(35.6°F) WB.