



VC ONE

Unidades Interiores

Especificaciones

One - Way Cassete

Model name				CCI1-ONE-07AB	
Power supply			1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	1.8	2.2	2.8
		kBtu/h	6.1	7.5	9.6
	Input	W	25	25	30
Heating ²	Capacity	kW	2.2	2.6	3.2
		kBtu/h	7.5	8.9	10.9
	Input	W	25	25	30
Airflow rate ³		m³/h	380/355/330/ 300/286/263/240	380/355/330/ 300/286/263/240	460/440/410/ 380/355/330/300
Sound pressure leve ⁴		dB(A)	30/28/27/26/25/24/22	30/28/27/26/25/24/22	37/36/35/34/32/31/30
Sound power level		dB(A)	44/42/41/40/39/38/36	44/42/41/40/39/38/36	51/50/49/48/46/45/44
Indoor unit	Net dimensions ⁵ (W×H×D)	mm	1054×153×428	1054×153×428	1054×153×428
	Net dimensions (no water tray) (W×H×D)	mm	1054×141×428	1054×141×428	1054×141×428
	Packed dimensions (W×H×D)	mm	1155×245×490	1155×245×490	1155×245×490
	Net/Gross weight	kg	11.5/14.5	11.5/14.5	11.8/14.8
Panel	Net dimensions (W×H×D)	mm	1180×25×465	1180×25×465	1180×25×465
	Packed dimensions (W×H×D)	mm	1232×107×517	1232×107×517	1232×107×517
	Net/Gross weight	kg	3.5/4.7	3.5/4.7	3.5/4.7
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

Model name					CCI1-ONE-19AB	
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling ¹	Capacity	kW	3.6	4.5	5.6	7.1
		kBtu/h	12.3	15.4	19.1	24.2
	Input	W	30	40	48	60
Heating ²	Capacity	kW	4.0	5.0	6.3	8.0
		kBtu/h	13.6	17.1	21.5	27.3
	Input	W	30	40	48	60
Airflow rate ³		m³/h	460/440/410/ 380/355/330/300	693/662/ 638/600/ 556/510/476	792/763/ 728/688/ 643/589/549	933/873/ 815/749/ 689/637/592
Sound pressure leve ⁴		dB(A)	38/37/35/34/32/31/30	39/37/36/35/34/32/31	41/39/38/37/36/35/33	43/41/40/39/37/36/35
Sound power level		dB(A)	52/51/49/48/46/45/44	53/51/50/49/48/46/45	55/53/52/51/50/49/47	57/55/54/53/51/50/49
Indoor unit	Net dimensions ⁵ (W×H×D)	mm	1054×153×428	1275×189×452	1275×189×452	1275×189×452
	Net dimensions (no water tray) (W×H×D)	mm	1054×141×428	1275×176×452	1275×176×452	1275×176×452
	Packed dimensions (W×H×D)	mm	1155×245×490	1370×295×505	1370×295×505	1370×295×505
	Net/Gross weight	kg	11.8/14.8	15.8/20.2	15.8/20.2	16.9/21.4
Panel	Net dimensions (W×H×D)	mm	1180×25×465	1350×25×505	1350×25×505	1350×25×505
	Packed dimensions (W×H×D)	mm	1232×107×517	1410×95×560	1410×95×560	1410×95×560
	Net/Gross weight	kg	3.5/4.7	4/5.6	4/5.6	4/5.6
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Each model's 7 airflow rate options are listed in order, from highest to lowest.

4. Each model's 7 sound pressure levels are listed in order from highest to lowest and correspond to the model's 7 airflow rate options (see Note 3). Sound pressure level is measured 1.4m below the unit in a anechoic chamber.

5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

6. These products are under development and the specifications are always subject to change.

New One Way Cassete

Model name						CCI1-ONE-12AB
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling ¹	Capacity	kW	1.8	2.2	2.8	3.6
		kBtu/h	6.1	7.5	9.6	12.3
	Power Input	W	15	19	27	29
Heating ²	Capacity	kW	2.0	2.5	3.2	4.0
		kBtu/h	7.5	8.9	10.9	13.6
	Power Input	W	15	19	27	29
Airflow rate ³		m³/h	300/283/266/ 250/233/216/200	400/375/350/ 325/300/275/250	550/516/483/ 450/416/383/350	550/516/483/ 450/416/383/350
Sound pressure leve ⁴		dB(A)	28/27/26/25/24/23/23	32/30/29/28/27/26/25	33/31/30/29/27/26/25	36/34/33/32/30/29/28
Sound power level		dB(A)	35/34/33/32/31/30/29	43/42/39/37/35/33/31	45/44/43/41/39/37/35	48/46/44/42/40/38/36
Indoor unit	Net dimensions ⁵ (W×H×D)	mm	700×130×425	700×130×425	900×130×425	900×130×425
	Packed dimensions (W×H×D)	mm	880×225×510	880×225×510	1080×225×510	1080×225×510
	Net/Gross weight	mm	9.6/11.9	9.6/11.9	11.2/13.8	12.2/14.7
Panel	Net dimensions (W×H×D)	mm	980×64×475	980×64×475	1180×64×475	1180×64×475
	Packed dimensions (W×H×D)	mm	1070×100×560	1070×100×560	1270×100×560	1270×100×560
	Net/Gross weight	kg	2.4/3.7	2.4/3.7	3/4.6	3/4.6
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Model name					CCI1-ONE-24AB
Power supply			1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	4.5	5.6	7.1
		kBtu/h	15.4	19.1	24.2
	Power Input	W	30	40	52
Heating ²	Capacity	kW	5.0	6.3	8.0
		kBtu/h	17.1	21.5	27.3
	Power Input	W	30	40	52
Airflow rate ³		m³/h	850/791/733/675/616/558/500	1000/941/883/825/766/708/650	1050/1000/950/900/850/800/750
Sound pressure leve ⁴		dB(A)	39/37/36/35/34/33/32	45/43/42/40/39/37/36	47/45/44/43/42/41/40
Sound power level		dB(A)	49/47/45/43/41/39/37	55/53/51/49/47/45/43	56/55/54/52/50/48/46
Main body	Net dimensions ⁵ (W×H×D)	mm	1200×130×425	1200×130×425	1200×130×425
	Packed dimensions (W×H×D)	mm	1280×225×510	1280×225×510	1280×225×510
	Net/Gross weight	kg	14.3/17.7	15.5/18.8	15.5/18.8
Panel	Net dimensions (W×H×D)	mm	1480×64×475	1480×64×475	1480×64×475
	Packed dimensions (W×H×D)	mm	1570×100×560	1570×100×560	1570×100×560
	Net/Gross weight	kg	3.8/5.5	3.8/5.5	3.8/5.5
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.

4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.4m below the unit in a anechoic chamber.

5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Especificaciones

Two - Way Cassete

Model name					
Power supply			1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	2.2	2.8	3.6
		kBtu/h	7.5	9.6	12.3
	Power Input	W	35	40	40
Heating ²	Capacity	kW	2.6	3.2	4
		kBtu/h	8.9	10.9	13.6
	Power Input	W	35	40	40
Airflow rate ³		m³/h	654/612/571/530/488/449/410	654/612/571/530/488/449/410	725/679/641/591/554/509/458
Sound pressure leve ⁴		dB(A)	33/31/30/29/27/25/24	33/31/30/29/27/25/24	35/33/32/30/29/27/25
Sound power level		dB(A)	49/47/46/45/43/41/40	49/47/46/45/43/41/40	51/49/48/46/45/43/41
Indoor unit	Net dimensions ⁵ (W×H×D)	mm	1172×299×591	1172×299×591	1172×299×591
	Packed dimensions (W×H×D)	mm	1355×400×675	1355×400×675	1355×400×675
	Net/Gross weight	kg	29.7/36.3	29.7/36.3	29.7/36.3
Panel	Net dimensions (W×H×D)	mm	1430×53×680	1430×53×680	1430×53×680
	Packed dimensions (W×H×D)	mm	1525×130×765	1525×130×765	1525×130×765
	Net/Gross weight	kg	11/15	11/15	11/15
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32

Model name					
Power supply			1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	4.5	5.6	7.1
		kBtu/h	15.4	19.1	24.2
	Power Input	W	50	69	98
Heating ²	Capacity	kW	5	6.3	8
		kBtu/h	17.1	21.5	27.3
	Power Input	W	50	69	98
Airflow rate ³		m³/h	850/792/731/670 /631/592/550	980/925/855/800 /755/702/670	1200/1115/1068/ 1000/921/808/770
Sound pressure leve ⁴		dB(A)	37/36/35/34/32/31/30	39/37/36/35/33/31/30	44/42/41/40/38/36/34
Sound power level		dB(A)	53/52/51/50/48/47/4	55/53/52/51/49/47/46	60/58/57/56/54/52/50
Indoor unit	Net dimensions ⁵ (W×H×D)	mm	1172×299×591	1172×299×591	1172×299×591
	Packed dimensions (W×H×D)	mm	1355×400×675	1355×400×675	1355×400×675
	Net/Gross weight	kg	31.6/38.2	31.6/38.2	31.6/38.2
Panel	Net dimensions (W×H×D)	mm	1430×53×680	1430×53×680	1430×53×680
	Packed dimensions (W×H×D)	mm	1525×130×765	1525×130×765	1525×130×765
	Net/Gross weight	kg	11/15	11/15	11/15
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.4m below the unit in a anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Compact Four-Way Cassete

Model name						
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling ¹	Capacity	kW	1.5	2.2	2.8	3.6
		kBtu/h	5.1	7.5	9.6	12.3
	Power Input	W	14	14	16	18
Heating ²	Capacity	kW	1.8	2.4	3.2	4.0
		kBtu/h	6.1	8.2	10.9	13.7
	Power Input	W	14	14	16	18
Airflow rate ³		m³/h	450/425/400/ 370/345/320/295	450/425/400/ 370/345/320/295	510/480/455/ 425/395/370/340	530/500/470/ 440/405/375/345
Sound pressure leve ⁴		dB(A)	29/28/27/27/26/26/25	29/28/27/27/26/26/25	30/29/28/27/26/26/25	31/30/29/28/27/26/25.5
Sound power level		dB(A)	40/39/39/39/38/38/38	40/39/39/39/38/38/38	42/41/40/39/39/38/38	42/40/39/38/38/38/38
Main body	Net dimensions ⁵ (W×H×D)	mm	575×235×638	575×235×638	575×235×638	575×235×638
	Packed dimensions (W×H×D)	mm	690×285×690	690×285×690	690×285×690	690×285×690
	Net/Gross weight	kg	13.0/15.5	13.0/15.5	13.0/15.5	14.0/16.5
Panel	Net dimensions (W×H×D)	mm	620×65×620	620×65×620	620×65×620	620×65×620
	Packed dimensions (W×H×D)	mm	680×80×665	680×80×665	680×80×665	680×80×665
	Net/Gross weight	kg	2.3/3.0	2.3/3.0	2.3/3.0	2.3/3.0
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Model name					
Power supply			1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	4.5	5.6	6.3
		kBtu/h	15.4	19.1	21.5
	Power Input	W	25	35	50
Heating ²	Capacity	kW	5.0	6.3	7.1
		kBtu/h	17.1	21.5	24.2
	Power Input	W	25	35	50
Airflow rate ³		m³/h	640/605/570/530/495/460/425	810/765/720/670/625/580/535	905/855/805/755/705/655/605
Sound pressure leve ⁴		dB(A)	36.5/35/33/31/29/28/26.5	39/38/37/36/35/34/32	43/42/40/38/36/35/33.5
Sound power level		dB(A)	44/44/43/42/41/41/41	48/46/45/43/42/42/41	51/50/48/46/45/44/42
Main body	Net dimensions ⁵ (W×H×D)	mm	575×235×638	575×235×638	575×235×638
	Packed dimensions (W×H×D)	mm	690×285×690	690×285×690	690×285×690
	Net/Gross weight	kg	14.0/16.5	15.0/17.5	15.0/17.5
Panel	Net dimensions (W×H×D)	mm	620×65×620	620×65×620	620×65×620
	Packed dimensions (W×H×D)	mm	680×80×665	680×80×665	680×80×665
	Net/Gross weight	kg	2.3/3.0	2.3/3.0	2.3/3.0
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in an anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.
 - Exposed height of the panel after being installed on the ceiling.

Especificaciones

Four-Way Cassette

Model name				CCI-ONE-12AB
Power supply			1-phase, 220-240V, 50/60Hz	
Cooling ¹	Capacity	kW	2.8	3.6
		kBtu/h	9.6	12.3
	Power Input	W	17.0	17.0
Heating ²	Capacity	kW	3.2	4.0
		kBtu/h	10.9	13.7
	Power Input	W	17.0	17.0
Airflow rate ³		m³/h	790/740/691/641/591/542/492	790/740/691/641/591/542/492
Sound pressure level ⁴		dB(A)	30/29/28/27.5/27/26/25	30/29/28/27.5/27/26/25
Sound power level		dB(A)	44/43/42/42/41/40/39	44/43/42/42/41/40/39
Main body	Net dimensions ⁵ (W×H×D)	mm	840×204×840	840×204×840
	Packed dimensions (W×H×D)	mm	940×250×940	940×250×940
	Net/Gross weight	mm	18/20.8	18/20.8
Panel	Net dimensions (W×H×D)	mm	950×53×950	950×53×950
	Packed dimensions (W×H×D)	mm	1030×95×1030	1030×95×1030
	Net/Gross weight	kg	5.6/8.0	5.6/8.0
Refrigerant type			R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25

Model name			CCI-ONE-19AB	CCI-ONE-24AB
Power supply		1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	4.5	5.6
		kBtu/h	15.4	19.1
	Power Input	W	36.0	23.0
Heating ²	Capacity	kW	5.0	6.3
		kBtu/h	17.1	21.5
	Power Input	W	36.0	23.0
Airflow rate ³		m³/h	910/840/770/701/631/561/491	840/791/741/692/642/593/543
Sound pressure level ⁴		dB(A)	37/35/34/32/30/29/27	33/32/31/30/29/28/27
Sound power level		dB(A)	52/51/49/47/45/43/40	49/48/47/47/46/45/44
Main body	Net dimensions ⁵ (W×H×D)	mm	840×204×840	840×204×840
	Packed dimensions (W×H×D)	mm	940×250×940	940×250×940
	Net/Gross weight	kg	18/20.8	19.5/22.4
Panel	Net dimensions (W×H×D)	mm	950×53×950	950×53×950
	Packed dimensions (W×H×D)	mm	1030×95×1030	1030×95×1030
	Net/Gross weight	kg	5.6/8.0	5.6/8.0
Refrigerant type			R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in an anechoic chamber.
5. The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.
6. Exposed height of the panel after being installed on the ceiling.

Four-Way Cassette

Model name				
Power supply		1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	8.0	9.0
		kBtu/h	27.3	30.7
	Power Input	W	41.0	43.0
Heating ²	Capacity	kW	9.0	10.0
		kBtu/h	30.7	34.1
	Power Input	W	41.0	43.0
Airflow rate ³		m³/h	1100/1019/939/858/777/697/616	1330/1239/1148/1057/965/874/783
Sound pressure level ⁴		dB(A)	42.5/40/38/36/34/32/30	38/37/35/34/32/31/29
Sound power level		dB(A)	57/55/53/51/49/47/45	55/54/52/51/50/48/47
Main body	Net dimensions ⁵ (W×H×D)	mm	840×204×840	840×246×840
	Packed dimensions (W×H×D)	mm	940×250×940	940×295×940
	Net/Gross weight	kg	19.5/22.4	21.5/25.4
Panel	Net dimensions (W×H×D)	mm	950×53×950	950×53×950
	Packed dimensions (W×H×D)	mm	1030×95×1030	1030×95×1030
	Net/Gross weight	kg	5.6/8.0	5.6/8.0
Refrigerant type			R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25

Model name		CCI-ONE-38AB			CCI-ONE-61AB
Power supply		1-phase, 220-240V, 50/60Hz			
Cooling ¹	Capacity	kW	11.2	14.0	16.0
		kBtu/h	38.2	47.8	54.6
	Power Input	W	61.0	118.0	110.0
Heating ²	Capacity	kW	12.5	16.0	18.0
		kBtu/h	42.7	54.6	61.4
	Power Input	W	61.0	118.0	110.0
Airflow rate ³		m³/h	1600/1497/1393/1290/1186/1083/979	1900/1787/1673/1560/1446/1333/1219	2100/1900/1760/1630/1500/1380/1270
Sound pressure level ⁴		dB(A)	41/40/38/37/36/34/33	47.5/46/44/42/40/38/36.5	48/46/44/43/41/39/37
Sound power level		dB(A)	57/56/55/54/53/52/51	64/63/61/60/58/56/54	57/56/54/52/50/47/46
Main body	Net dimensions ⁵ (W×H×D)	mm	840×288×840	840×288×840	950×300×950
	Packed dimensions (W×H×D)	mm	940×335×940	940×335×940	1050× 350×1050
	Net/Gross weight	kg	24/27.7	24/27.7	32.6/37.2
Panel	Net dimensions (W×H×D)	mm	950×53×950	950×53×950	1050×55×1050
	Packed dimensions (W×H×D)	mm	1030×95×1030	1030×95×1030	1115×100×1115
	Net/Gross weight	kg	5.6/8.0	5.6/8.0	7.4/9.7
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in an anechoic chamber.
5. The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.
6. Exposed height of the panel after being installed on the ceiling.

Especificaciones

Four-Way Cassette

Model name				
Power supply		1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	1.5	2.2
		kBtu/h	5.1	7.5
	Power Input	W	21	22
Heating ²	Capacity	kW	1.8	2.5
		kBtu/h	6.1	8.5
	Power Input	W	21	22
Airflow rate ³		m³/h	340/335/329/320/307/298/290	370/347/339/322/314/ 306/295
External static pressure ⁴		Pa	10 (10-50)	10 (10-50)
Sound pressure leve ⁴		dB(A)	27/26/25.5/24.5/23.5/ 22.5/22	28/27.5/26.5/25.5/24.5/23.5/22.0
Sound power level		dB(A)	43.5/43/42.5/42/41.5/41/40	46/45/44/43/42/41/40
Unit	Net dimensions ⁵ (W×H×D)	mm	550×199×450	550×199×450
	Packed dimensions (W×H×D)	mm	715×255×525	715×255×525
	Net/Gross weight	kg	11.5/13.5	11.5/13.5
Refrigerant type			R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25

Model name				
Power supply		1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	2.8	3.6
		kBtu/h	9.6	12.3
	Power Input	W	28	31
Heating ²	Capacity	kW	3.2	4
		kBtu/h	10.9	13.7
	Power Input	W	28	31
Airflow rate ³		m³/h	460/431/413/380/351/ 323/300	605/557/508/453/414/ 365/320 800/770/701/629/557/ 506/435
External static pressure ⁴		Pa	10 (10-50)	10 (10-50)
Sound pressure leve ⁴		dB(A)	30/29.5/28.5/27.5/26/24.5/22	30/29.5/28.5/27.5/ 26.5/25.5/25 33/32.5/32/30.5/29/ 27.5/26
Sound power level		dB(A)	50.5/49/47/45.5/43.5/42/40	50.5/49.5/48/47/45.5/44.5/43 52/50.5/49/47.5/46/44.5/43
Unit	Net dimensions ⁵ (W×H×D)	mm	550×199×450	700×199×450
	Packed dimensions (W×H×D)	mm	715×255×525	865×255×525
	Net/Gross weight	kg	11.5/13.5	13.0/15.5
Refrigerant type			R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in an anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Arc Duct

Model name				
Power supply		1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	5.6	7.1
		kBtu/h	19.1	24.2
	Power Input	W	58	65
Heating ²	Capacity	kW	6.3	8
		kBtu/h	21.5	27.3
	Power Input	W	58	65
Airflow rate ³		m³/h	900/800/761/682/603/ 549/470	1145/1033/957/860/763/671/580 1400/1327/1249/1175/1095/1026/960
External static pressure ⁴		Pa	10 (10-50)	10 (10-50)
Sound pressure leve ⁴		dB(A)	36/34.5/33.5/32.5/ 31/29/27	37/35/34/32.5/31/30/29 36.5/35.5/34.5/33/ 32/31.5/30.5
Sound power level		dB(A)	56/54/52/50/48/46/44	57/55.5/54/52/50.5/49/47 57/56/54.5/53.5/52/51/49.5
Unit	Net dimensions ⁵ (W×H×D)	mm	900×199×450	1100×199×450
	Packed dimensions (W×H×D)	mm	1065×255×525	1300×255×525
	Net/Gross weight	kg	16.5/19.5	20/23.5
Refrigerant type			R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25

Model name				
Power supply		1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	9	11.2
		kBtu/h	30.7	38.2
	Power Input	W	108	128
Heating ²	Capacity	kW	10	12.5
		kBtu/h	34.1	42.7
	Power Input	W	108	128
Airflow rate ³		m³/h	1400/1327/1249/1175/1095/1026/960	1620/1522/1433/1343/1254/1170/1080
External static pressure ⁴		Pa	20(10-80)	20(10-80)
Sound pressure leve ⁴		dB(A)	36.5/35.5/34/33/ 32/31.5/30.5	39.5/38/36.5/35/34/ 32.5/31.5
Sound power level		dB(A)	57/56/54.5/53.5/52/51/49.5	60.5/59/57.5/55.5/54/52.5/50.5
Unit	Net dimensions ⁵ (W×H×D)	mm	1600×199×450	1600×199×450
	Packed dimensions (W×H×D)	mm	1780×250×525	1780×250×525
	Net/Gross weight	kg	28/32.5	28/32.5
Refrigerant type			R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in an anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Especificaciones

Medium Static Pressure Duct

Model name					
Power supply			1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	1.5	2.2	2.8
		kBtu/h	5.1	7.5	9.6
	Power Input	W	33	36	40
Heating ²	Capacity	kW	1.8	2.5	3.2
		kBtu/h	6.1	8.5	10.9
	Power Input	W	33	36	40
Airflow rate ³		m³/h	470/438/407/375/343/312/280	500/467/433/400/367/333/300	540/503/467/430/393/357/320
External static pressure ⁴		Pa	30 (10-160)	30 (10-160)	30 (10-160)
Sound pressure leve ⁴		dB(A)	26.5/26/25/24/23/22.5/22	26.5/26/25/24/23/22.5/22	26.5/26/25/24/23/22.5/22
Sound power level		dB(A)	46/44.5/43/41.5/40/38.5/37	47/45.5/44/42.5/41/39.5/38	47/45.5/44/42.5/41/39.5/38
Unit	Net dimensions ⁵ (W×H×D)	mm	600×245×750	600×245×750	600×245×750
	Packed dimensions (W×H×D)	mm	765×305×885	765×305×885	765×305×885
	Net/Gross weight	kg	18.5/21	18.5/21	18.5/21
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

Model name			CSI-ONE-12AB		CSI-ONE-19AB
Power supply			1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	3.6	4.5	5.6
		kBtu/h	12.3	15.4	19.1
	Power Input	W	50	70	70
Heating ²	Capacity	kW	4	5	6.3
		kBtu/h	13.7	17.1	21.5
	Power Input	W	50	70	70
Airflow rate ³		m³/h	575/535/495/455/415/375/335	665/623/580/538/495/453/410	970/904/838/773/707/641/575
External static pressure ⁴		Pa	30 (10-160)	30 (10-160)	30 (10-160)
Sound pressure level ⁶		dB(A)	29/28/27/26/25/23/22	33/32/29.5/28/26.5/25/24	33/32/31/30/27.5/26/25
Sound power level		dB(A)	50/48.5/47/45/43/41/39	53/51/49/47/45/43/41	55/53/51/49/47/45/43
Unit	Net dimensions ⁵ (W×H×D)	mm	600×245×750	600×245×750	800×245×750
	Packed dimensions (W×H×D)	mm	765×305×885	765×305×885	965×305×885
	Net/Gross weight	kg	18.5/21	19.5/22	24/27.5
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a semi-anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual

Medium Static Pressure Duct

Model name			CSI-ONE-24AB		
Power supply			1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	7.1	8	9
		kBtu/h	24.2	27.3	30.7
	Power Input	W	96	102	110
Heating ²	Capacity	kW	8	9	10
		kBtu/h	27.3	30.7	34.1
	Power Input	W	96	102	110
Airflow rate ³	m ³ /h		1150/1068/986/ 904/822/740/660	1355/1263/1172/ 1080/988/897/805	1420/1323/1225/ 1128/1030/933/835
External static pressure ⁴	Pa		30 (10-160)	40 (10-160)	40(10-160)
Sound pressure leve ⁴	dB(A)		35/33.5/32/30.5/29/27.5/26	37/35.5/34/32.5/31/29.5/28	37/35.5/34/32.5/31/29.5/28
Sound power level	dB(A)		58/56/54/51.5/48/47/45	59/57/55/53/51/49/47	59/57/55/53/50.5/48/46
Unit	Net dimensions ⁵ (W×H×D)	mm	800×245×750	1050×245×750	1050×245×750
	Packed dimensions (W×H×D)	mm	965×305×885	1215×305×885	1215×305×885
	Net/Gross weight	kg	25/28.5	30/34.0	31/35.0
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

Model name			CSI-ONE-38AB		CSI-ONE-55AB
Power supply			1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	11.2	14	16
		kBtu/h	38.2	47.8	54.6
	Power Input	W	138	172	210
Heating ²	Capacity	kW	12.5	16	18
		kBtu/h	42.7	54.6	61.4
	Power Input	W	138	172	210
Airflow rate ³		m³/h	1950/1817/1683/ 1550/1417/1283/1150	2105/1971/1837/ 1703/1568/1434/1300	2350/2160/2015/ 1871/1776/1533/1400
External static pressure ⁴		Pa	40 (10-160)	50 (10-160)	50 (10-160)
Sound pressure leve ⁴		dB(A)	39/37/35/33/31/29/28	40/38/36/34/32/30/29	42/40/38/36/34/33/31
Sound power level		dB(A)	60/58/56.5/55/53.5/52/50	64/62/61.5/59.5/57.5/55/53	65/63/61/58.5/56.5/54/52
Unit	Net dimensions ⁵ (W×H×D)	mm	1400×245×750	1400×245×750	1400×245×750
	Packed dimensions (W×H×D)	mm	1565×305×885	1565×305×885	1565×305×885
	Net/Gross weight	kg	37/42.0	39/44.0	39/44.0
Refrigerant type			R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in an anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Especificaciones

High Static Pressure Duct

Model name						
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling ¹	Capacity	kW	5.6	7.1	8	9
		kBtu/h	19.1	24.2	27.3	30.7
	Power Input	W	159	159	159	196
Heating ²	Capacity	kW	6.3	8	9	10
		kBtu/h	21.5	27.3	30.7	34.1
	Power Input	W	159	159	159	196
Airflow rate ³		m³/h	1360/1281/1201/1122/ 1043/963/884	1360/1281/1201/1122/ 1043/963/884	1360/1281/1201/1122/ 1043/963/884	1500/1413/1325/1238/ 1150/1063/975
External static pressure ⁴		Pa	80(0-250)	80(0-250)	80(0-250)	80(0-250)
Sound pressure leve ⁴		dB(A)	39/38/36/35/33/32/30	39/38/36/35/33/32/30	39/38/36/35/33/32/30	40/39/37/36/34/33/31
Sound power level		dB(A)	59/56/54/53/51/49/47	59/56/54/53/51/49/47	59/56/54/53/51/49/47	63/60/58/56/54/52/50
Unit	Net dimensions ⁵ (W×H×D)	mm	1050×299×750	1050×299×750	1050×299×750	1050×299×750
	Packed dimensions (W×H×D)	mm	1215×359×890	1215×359×890	1215×359×890	1215×359×890
	Net/Gross weight	kg	35/38.5	35/38.5	35/38.5	35/38.5
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

High Static Pressure Duct

Model name					CSIH-ONE-86AB	CSIH-ONE-96AB
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling ¹	Capacity	kW	20	22.4	25.2	28
		kBtu/h	68.3	76.5	86.0	95.6
	Power Input	W	780	780	780	780
Heating ²	Capacity	kW	22.5	25	26	31.5
		kBtu/h	76.8	85.3	88.7	107.5
	Power Input	W	780	780	780	780
Airflow rate ³		m ³ /h	4700/4387/4073/3760/ 3447/3133/2820	4700/4387/4073/3760/ 3447/3133/2820	4700/4387/4073/3760/ 3447/3133/2820	4700/4387/4073/3760/ 3447/3133/2820
External static pressure ⁴		Pa	200(0-400)	200(0-400)	200(0-400)	200(0-400)
Sound pressure leve ⁴		dB(A)	51/50/48/46/44/43/42	51/50/48/46/44/43/42	51/50/48/46/44/43/42	51/50/48/46/44/43/42
Sound power level		dB(A)	74/72/70/68/66/64/62	74/72/70/68/66/64/62	74/72/70/68/66/64/62	74/72/70/68/66/64/62
Unit	Net dimensions ⁵ (W×H×D)	mm	1300×580×900	1300×580×900	1300×580×900	1300×580×900
	Packed dimensions (W×H×D)	mm	1530×730×1060	1530×730×1060	1530×730×1060	1530×730×1060
	Net/Gross weight	kg	125/150	125/150	125/150	125/150
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ19.1	Φ9.52/Φ19.1	Φ12.7/Φ22.2	Φ12.7/Φ22.2
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32

Model name						CSIH-ONE-55AB
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling ¹	Capacity	kW	11.2	12.5	14	16
		kBtu/h	38.2	42.7	47.8	54.6
	Power Input	W	248	252	284	339
Heating ²	Capacity	kW	12.5	14	16	18
		kBtu/h	42.7	47.8	54.6	61.4
	Power Input	W	248	252	284	339
Airflow rate ³		m ³ /h	2140/2015/1890/1766/ 1641/1516/1391	2150/2025/1899/1774/ 1649/1523/1398	2400/2260/2120/1980/ 1840/1700/1560	2600/2448/2297/2145/ 1993/1842/1690
External static pressure ⁴		Pa	80(0-250)	80(0-250)	100(0-250)	100(0-250)
Sound pressure leve ⁴		dB(A)	41/40/38/37/35/34/32	41/40/39/37/36/35/33	43/42/40/39/37/36/34	44/43/41/40/38/37/35
Sound power level		dB(A)	63/61/59/57/56/54/52	66/64/62/60/58/56/54	67/64/62/60/58/57/55	68/66/64/62/60/59/57
Unit	Net dimensions ⁵ (W×H×D)	mm	1400×299×750	1400×299×750	1400×299×750	1400×299×750
	Packed dimensions (W×H×D)	mm	1565×359×890	1565×359×890	1565×359×890	1565×359×890
	Net/Gross weight	kg	44.5/48.5	46.5/50.5	46.5/50.5	46.5/50.5
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a semi-anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual

Model name				CSIH-ONE-136AB		CSIH-ONE-191AB
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling ¹	Capacity	kW	33.5	40	45	56
		kBtu/h	114.3	136.5	153.6	191.1
	Power Input	W	810	1850	1850	2030
Heating ²	Capacity	kW	38	45	56	63
		kBtu/h	129.7	153.6	191.1	215.0
	Power Input	W	810	1850	1850	2030
Airflow rate ³		m³/h	4700/4387/4073/3760/ 3447/3133/2820	7500/7000/6500/6000/ 5500/5000/4500	7500/7000/6500/6000/ 5500/5000/4500	8400/7840/7280/6720/ 6160/5600/5040
External static pressure ⁴		Pa	200(0-400)	200(0-400)	300(0-400)	300(0-400)
Sound pressure leve ⁴		dB(A)	52/51/49/48/46/44/43	58/56/54/52/50/49/48	58/56/54/52/50/49/48	59/58/56/54/53/51/49
Sound power level		dB(A)	74/72/70/68/66/63/61	79/78/76/74/72/70/67	79/78/76/74/72/70/67	81/80/77/75/73/71/69
Unit	Net dimensions ⁵ (W×H×D)	mm	1300×580×900	1850×580×900	1850×580×900	1850×580×900
	Packed dimensions (W×H×D)	mm	1530×730×1060	2080×730×1060	2080×730×1060	2080×730×1060
	Net/Gross weight	kg	128/153	166/204	166/204	170/208
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ12.7/Φ25.4	Φ12.7/Φ25.4	Φ15.9/Φ28.6	Φ15.9/Φ28.6
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.4m below the unit in a anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.
 - All specifications are measured at standard external static pressure.

Especificaciones

High Static Pressure Duct(section)

Model name					
Power supply			1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	18	20	22.4
		kBtu/h	61.4	68.2	76.4
	Input	W	520	560	600
Heating ²	Capacity	kW	20	23.5	25
		kBtu/h	68.24	80.19	85.30
	Input	W	520	560	600
Airflow rate ³		m³/h	4100/3872/3644/3689 /2961/2733	4250/4014/3778/3542 /3306/3070/2833	4400/4156/3911/3667 /3422/3178/2933
External static pressure ⁴		pa	150(50~280)	150(50~280)	150(50~280)
Sound pressure level ⁵		dB(A)	47/45/43/41/39/37/36	47.5/46/44/42/40/38/37	49/47/45/43/41/39/38
Sound power level		dB(A)	67/65/63/61/59/57/56.5	67.5/66/64/62/60/58/57	68/66/64/62/60/60.5/59/58
Unit	Net dimensions ⁶ (W×H×D)	mm	1300x477x910	1300x477x910	1300x477x910
	Packed dimensions (W×H×D)	mm	1580x650x1090	1580x650x1090	1580x650x1090
	Net/Gross weight	kg	79.5/117.5	79.5/117.5	82/120
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ19	Φ9.52/Φ19	Φ9.52/Φ19
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32

Wall-Mounted Units

Model name				CMI-ONE-07AB		CMI-ONE-12AB
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling ¹	Capacity	kW	1.5	2.2	2.8	3.6
		kBtu/h	5.1	7.5	9.6	12.3
	Power Input	W	18	21	24	27
Heating ²	Capacity	kW	1.7	2.4	3.2	4
		kBtu/h	5.8	8.2	10.9	13.6
	Power Input	W	18	21	24	27
Airflow rate ³		m³/h	460/440/420/400/380/360/340	500/470/440/410/390/370/340	540/510/470/430/400/370/340	580/540/500/460/420/380/340
Sound pressure leve ⁴		dB(A)	32/31/30/30/29/28/27	33/32/31/30/29/28/27	35/34/33/32/31/30/28	37/36/34/33/31/30/28
Sound power level		dB(A)	45/44/43/43/42/41/40	46/45/44/43/42/41/40	50/49/48/47/46/44/42	54/53/51/50/48/46/44
Unit	Net dimensions ⁵ (W×H×D)	mm	750×295×265	750×295×265	750×295×265	750×295×265
	Packed dimensions (W×H×D)	mm	875×385×360	875×385×360	875×385×360	875×385×360
	Net/Gross weight	kg	9/11.5	9/11.5	10/12.5	10/12.5
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ16	OD Φ16	OD Φ16	OD Φ16

Model name				
Power supply		1-phase, 220-240V, 50/60Hz		
Cooling ¹	Capacity	kW	25.2	28
		kBtu/h	86.0	95.5
	Input	W	700	840
Heating ²	Capacity	kW	26	31.5
		kBtu/h	88.72	107.48
	Input	W	700	840
Airflow rate ³		m³/h	4800/4533/4267/4000 /3733/3467/3200	5200/4911/4622/4333 /4044/3756/3467
External static pressure ⁴		pa	150(50~280)	150(50~280)
Sound pressure level ⁵		dB(A)	50/48/46/44/42.5/41/40	51/49/47/45/43.5/42/41
Sound power level		dB(A)	69.5/68/66/64/62/60/59	70.5/69/67/65/63/61/60
Unit	Net dimensions ⁶ (W×H×D)	mm	1300x477x910	1300x477x910
	Packed dimensions (W×H×D)	mm	1580x650x1090	1580x650x1090
	Net/Gross weight	kg	82/120	82/120
Pipe connections	Liquid/Gas pipe	mm	Φ12.7/Φ22	Φ12.7/Φ22
	Drain pipe	mm	OD Φ32	OD Φ32

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
 - Unit body dimensions given are the largest external dimensions of the unit, no including hanger attachments.

Model name				CMI-ONE-19AB	CMI-ONE-24AB		
Power supply			1-phase, 220-240V, 50/60Hz				
Cooling ¹	Capacity	kW	4.5	5.6	7.1	8	9
		kBtu/h	15.4	19.1	24.2	27.3	30.7
	Power Input	W	30	40	50	65	65
Heating ²	Capacity	kW	5	6.3	8	9	10
		kBtu/h	17.1	21.5	27.3	30.7	34.1
	Power Input	W	30	40	50	65	65
Airflow rate ³		m³/h	720/670/620/560/510/460/410	860/780/700/620/550/480/410	1220/1120/1030/940/850/750/660	1380/1260/1140/1020/900/780/660	1420/1300/1180/1060/940/820/70
Sound pressure level ⁴		dB(A)	37/35/33/32/31/30/29	41/39/37/35/33/31/29	44/42/40/38/36/34/32	45/43/41/39/37/35/32	46/44/42/40/38/36/33
Sound power level		dB(A)	54/52/50/49/48/46/44	56/54/52/50/48/46/44	58/56/54/52/50/48/46	60/57/55/53/50/48/46	61/58/56/54/51/49/47
Unit	Net dimensions ⁵ (W×H×D)	mm	950×295×265	950×295×265	1200×295×265	1200×295×265	1200×295×265
	Packed dimensions (W×H×D)	mm	1075×385×360	1075×385×360	1315×385×360	1315×385×360	1315×385×360
	Net/Gross weight	kg	11.5/14	11.5/14	15/18	15/18	15/18
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ16	OD Φ16	OD Φ16	OD Φ16	OD Φ16

- Notes:
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 - Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 0.8m below the unit in an anechoic chamber.
 - The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Especificaciones

Ceiling&Floor Units

Model name					CFI-ONE-19AB		
Power supply			1-phase, 220-240V, 50/60Hz				
Cooling ¹	Capacity	kW	3.6	4.5	5.6	7.1	8
		kBtu/h	12.3	15.4	19.1	24.2	27.3
	Power Input	W	16	24	40	42	56
Heating ²	Capacity	kW	4	5	6.3	8	9
		kBtu/h	13.7	17.1	21.5	27.3	30.7
	Power Input	W	16	24	40	42	56
Airflow rate ³		m³/h	564/539/514/492/467/445/424	712/674/637/603/565/531/500	927/883/840/794/751/707/665	1128/1062/1024/926/860/791/729	1300/1218/1138/1057/982/904/824
Sound pressure leve ⁴		dB(A)	32/30/29/28/27/26/25	36/35/34/33/32/31/30	43/41/40/38/36/34/33	43/40/39/37/35/34/33	45/44/42/40/38/36/34
Sound power level		dB(A)	43/42/40/39/38/38/37	47/45/45/43/42/41/40	54/53/51/50/48/47/45	54/53/52/51/49/48/48	55/53/51/50/49/46/44
Unit	Net dimensions ⁵ (W×H×D)	mm	1069×674×234	1069×674×234	1069×674×234	1284×674×234	1284×674×234
	Packed dimensions (W×H×D)	mm	1195×760×320	1195×760×320	1195×760×320	1410×760×330	1410×760×330
	Net/Gross weight	kg	24.7/28.5	24.7/28.5	24.7/28.5	29.8/33.8	29.8/33.8
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Model name				CFI-ONE-38AB		CFI-ONE-48AB	
Power supply			1-phase, 220-240V, 50/60Hz				
Cooling ¹	Capacity	kW	9	10	11.2	12.5	14
		kBtu/h	30.7	34.1	38.2	42.7	47.8
	Power Input	W	75	50	65	95	140
Heating ²	Capacity	kW	10	11.2	12.5	14	16
		kBtu/h	34.1	38.2	42.7	47.8	54.6
	Power Input	W	75	50	65	95	140
Airflow rate ³		m³/h	1480/1397/1302/1218/1138/1056/979	1497/1469/1296/1200/1104/1015/918	1648/1530/1469/1292/1178/1067/956	2012/1879/1772/1649/1531/1469/1285	2208/2070/1937/1810/1677/1516/1402
Sound pressure leve ⁴		dB(A)	48/47/46/44/42/40/37	42/40/39/37/35/33/32	44/42/41/39/37/35/33	49/48/46/44/42/40/38	51.5/50/48/46/44/42/40
Sound power level		dB(A)	58/57/55/54/52/50/49	54/53/51/50/48/46/44	56/54/53/51/49/47/45	60/59/58/56/54/53/51	63/62/60/58/56/54/53
Unit	Net dimensions ⁵ (W×H×D)	mm	1284×674×234	1649×674×234	1649×674×234	1649×674×234	1649×674×234
	Packed dimensions (W×H×D)	mm	1410×760×330	1775×760×330	1775×760×330	1775×760×330	1775×760×330
	Net/Gross weight	kg	29.8/33.8	36.4/41.5	36.4/41.5	36.4/41.5	36.4/41.5
Refrigerant type			R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.

4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a semi-anechoic chamber.

5. The dimension is only the body size, excluding the size of the installation lug, connecting copper pipe, etc. For detailed dimensions, please refer to the installation manual.

Fresh Air Processing Duct

Model name										
Power supply			1-phase, 220-240V, 50/60Hz							
Cooling ¹	Capacity	kW	20.0	22.4	25.2	28	33.5	40	45	56
		kBtu/h	68.3	76.5	86.0	95.6	114.3	136.5	153.6	191.1
	Input	W	425	425	480	540	550	900	900	1330
Heating ²	Capacity	kW	12	13.7	16	18	22	26.5	27.8	39
		kBtu/h	41.0	46.8	54.6	61.4	75.1	90.4	94.9	133.1
	Input	W	425	425	480	540	550	900	900	1330
Airflow rate ³		m ³ /h	2500/2417/2333/2250/2167/2083/2000	2500/2417/2333/2250/2167/2083/2000	2800/2667/2533/2400/2267/2133/2000	3000/2833/2667/2500/2333/2167/2000	3200/3000/2800/2600/2400/2200/2000	4500/4217/3933/3650/3367/3083/2800	4500/4217/3933/3650/3367/3083/2800	6200/5833/5467/5100/4733/4367/4000
External static pressure ⁴		Pa	220(0-400)	220(0-400)	220(0-400)	220(0-400)	220(0-400)	300(0-400)	300(0-400)	300(0-400)
Sound pressure leve ⁴		dB(A)	47/46/46/45/44/43/42	47/46/46/45/44/43/42	48/47/47/46/45/44/43	49/48/48/47/46/45/44	51/50/49/48/47/46/45	53/52/52/51/50/49/48	53/52/52/51/50/49/48	56/55/55/54/53/52/51
Unit	Net dimensions* (W×H×D)	mm	1300×580×1050	1300×580×1050	1300×580×1050	1300×580×1050	1300×580×1050	1850×580×1050	1850×580×1050	1850×580×1050
	Packed dimensions (W×H×D)	mm	1530×730×1060	1530×730×1060	1530×730×1060	1530×730×1060	1530×730×1060	2080×730×1060	2080×730×1060	2080×730×1060
	Net/Gross weight	kg	117/142	117/142	117/142	117/142	121/146	161/198	161/198	164/201
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ19.1	Φ9.52/Φ19.1	Φ12.7/Φ22.2	Φ12.7/Φ22.2	Φ12.7/Φ25.4	Φ16/Φ28.6	Φ16/Φ28.6	Φ16/Φ28.6
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32

Small Airflow Rate Fresh Air Processing Duct

Model name						
Power supply			1-phase, 220-240V, 50/60Hz			
Cooling ¹	Capacity	kW	9.0	14.0	16.0	22.4
		kBtu/h	30.7	47.8	54.6	76.5
	Input	W	80	165	185	320
Heating ²	Capacity	kW	8.1	12.5	14.0	20.0
		kBtu/h	27.6	42.7	47.8	68.3
	Input	W	80	165	185	320
Airflow rate ³		m³/h	690/633/575/518/460/403/345	1100/1008/917/825/733/642/550	1230/1128/1025/923/820/718/615	1740/1595/1450/1305/1160/1015/870
External static pressure ⁴		Pa	100 (0-300)	150 (0-300)	150 (0-300)	200 (0-300)
Sound pressure leve ⁴		dB(A)	39/37.5/36/34/32.5/30.5/29	44.5/42.5/40/37/35/33/32	44.5/43/41/38/36/34/32.5	49/47/45/43/40/38/36
Unit	Net dimensions ⁵ (W×H×D)	mm	1095x310x773	1095x310x773	1095x310x773	1445x310x773
	Packed dimensions (W×H×D)	mm	1215x360x885	1215x360x885	1215x360x885	1645x360x885
	Net/Gross weight	kg	37/41.5	40/43.5	40/43.5	54/59
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ19.1
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25

Notes:

1. Indoor temperature 33°C DB, 28°C WB; outdoor temperature 33°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 0°C DB; outdoor temperature 0°C DB, -2.9°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.

4. Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)

5. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a semi-anechoic chamber.

6. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.