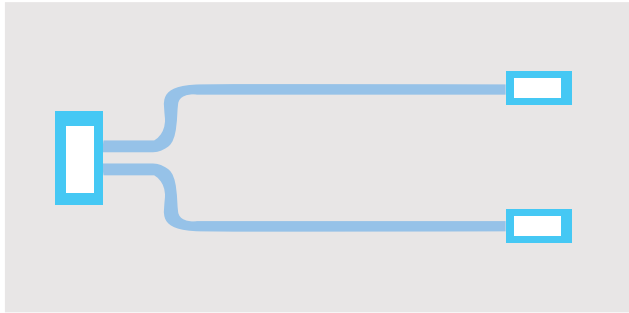


High ESP Duct

Variable duct connection

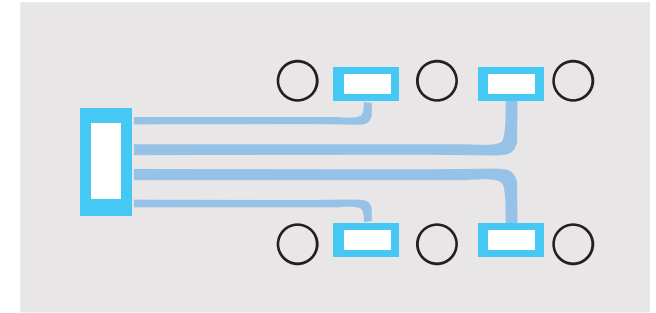
High available static pressure allows connection on the multiple ducts.



The long room



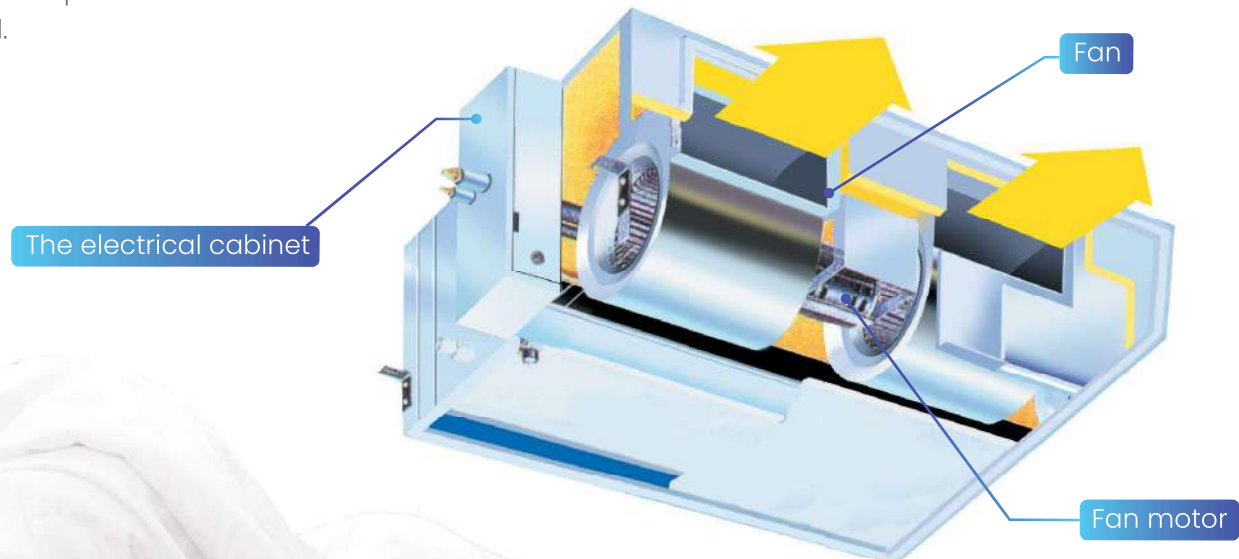
L room



A room with ceiling fixtures

Low noise design

Combination of the DC fan motor, 5 available fan speed and sound insulation allows operation at a low noise level.



High ESP Duct

Model		IMV-015DTHAREDA	IMV-022DTHAREDA	IMV-028DTHAREDA	IMV-036DTHAREDA	IMV-045DTHAREDA
Capacity	Cooling (HP)	0.5	0.8	1.0	1.25	1.7
	Cooling (kBT / h)	5.1	7.5	9.6	12.3	15.3
	Cooling (kW)	1.5	2.2	2.8	3.6	4.5
	Heating (kBT / h)	5.8	8.5	10.9	13.7	17
	Heating (kW)	1.7	2.5	3.2	4	5
Electrical parameters	Power supply (Ph / V / Hz)	1 / 220 ~ 240 / 50 / 60				
Dimensions	Net Product (mm)	700 / 700 / 248	700 / 700 / 248	700 / 700 / 248	700 / 700 / 248	700 / 700 / 248
	Shipping Product (mm)	932 / 835 / 280	932 / 835 / 280	932 / 835 / 280	932 / 835 / 280	932 / 835 / 280
Weight	Product Net/Shipping (kg)	27 / 32	27 / 32	27 / 32	27 / 32	28.5 / 33.5
Fan	Static Pressure - Standard / Max (mm)	20 / 200	20 / 200	20 / 200	20 / 200	20 / 200
	Air flow - H / M / L (m ³ / h)	515 / 440 / 390	545 / 470 / 390	545 / 470 / 390	570 / 495 / 420	700 / 625 / 550
Sound level	Sound pressure level - H / M / L (dB (A))	29 / 27 / 25	30 / 28 / 25	30 / 28 / 25	31 / 29 / 27	32 / 30 / 28
	Sound power level - H / M / L (dB (A))	41 / 39 / 37	42 / 40 / 37	42 / 40 / 37	43 / 41 / 39	44 / 42 / 40
Piping	Refrigerant liquid pipe (mm)	6.35	6.35	6.35	6.35	6.35
	Refrigerant gas pipe. (mm)	9.52	9.52	9.52	12.7	12.7
Drain pump	O - optional, S - standard, W - without	S	S	S	S	S
Controller	Wired (Optional)	VCW-01REA	VCW-01REA	VCW-01REA	VCW-01REA	VCW-01REA
		VCW-02CREA	VCW-02CREA	VCW-02CREA	VCW-02CREA	VCW-02CREA
		VCW-03SREA	VCW-03SREA	VCW-03SREA	VCW-03SREA	VCW-03SREA
		VCW-03DREA	VCW-03DREA	VCW-03DREA	VCW-03DREA	VCW-03DREA
	Infrared (Optional)	VCR-02OREA	VCR-02OREA	VCR-02OREA	VCR-02OREA	VCR-02OREA



DC fan motor



Only 248 mm thick



Built-in drain pump



50/60 Hz Power supply



VCW-01REA



VCW-03DREA



VCW-02CREA



VCR-02OREA

* 1. VCW-01REA and VCW-03DREA have built-in infrared signal receiver. VCW-02CREA does not have such function.

IMV-056DTHAREDA	IMV-071DTHAREDA	IMV-080DTHAREDA	IMV-090DTHAREDA	IMV-112DTHAREDA	IMV-140DTHAREDA	IMV-160DTHAREDA
2.0	2.5	3.0	3.2	4.0	5.0	6.0
19.1	24.2	27.3	30.7	38.2	47.8	54.6
5.6	7.1	8	9	11.2	14	16
21.5	27.3	30.7	34.1	44.4	55.6	61.4
6.3	8	9	10	13	16.3	18
1 / 220 ~ 240 / 50 / 60						
1100 / 700 / 248	1100 / 700 / 248	1100 / 700 / 248	1100 / 700 / 248	1500 / 700 / 248	1500 / 700 / 248	1500 / 700 / 248
1332 / 835 / 280	1332 / 835 / 280	1332 / 835 / 280	1332 / 835 / 280	1698 / 857 / 305	1698 / 857 / 305	1698 / 857 / 305
36.8 / 43.4	36.8 / 43.4	36.8 / 43.4	39.4 / 45.4	48.3 / 56.5	51.3 / 59.5	51.3 / 59.5
20 / 200	20 / 200	20 / 200	20 / 180	20 / 180	20 / 180	20 / 180
915 / 765 / 640	1275 / 1050 / 875	1275 / 1050 / 875	1450 / 1200 / 1000	2000 / 1700 / 1400	2150 / 1750 / 1400	2350 / 1950 / 1600
33 / 31 / 29	34 / 31 / 29	35 / 33 / 30	36 / 33 / 30	38 / 35 / 32	40 / 36 / 32	42 / 38 / 34
45 / 43 / 41	46 / 43 / 41	47 / 45 / 42	48 / 45 / 42	50 / 47 / 44	52 / 48 / 44	54 / 50 / 46
6.35	9.52	9.52	9.52	9.52	9.52	9.52
12.7	15.88	15.88	15.88	15.88	15.88	15.88
S	S	S	S	S	S	S
VCW-01REA	VCW-01REA	VCW-01REA	VCW-01REA	VCW-01REA	VCW-01REA	VCW-01REA
VCW-02CREA	VCW-02CREA	VCW-02CREA	VCW-02CREA	VCW-02CREA	VCW-02CREA	VCW-02CREA
VCW-03SREA	VCW-03SREA	VCW-03SREA	VCW-03SREA	VCW-03SREA	VCW-03SREA	VCW-03SREA
VCW-03DREA	VCW-03DREA	VCW-03DREA	VCW-03DREA	VCW-03DREA	VCW-03DREA	VCW-03DREA
VCR-02OREA	VCR-02OREA	VCR-02OREA	VCR-02OREA	VCR-02OREA	VCR-02OREA	VCR-02OREA

High ESP Duct

Model		IMV-226DTHAREDA	IMV-280DTHAREDA
Power supply (PH / V / Hz)		1 / 220 ~ 240 / 50 / 60	
Cooling	Capacity (kBT / h)	77.1	95.5
	Capacity (kW)	22.6	28.0
Heating	Capacity (kBT/h)	86	107.5
	Capacity (kW)	25.2	31.5
	Power input (W)	610.	680
Air filter	Material	PP	PP
	Mesh	30	30
	Pressure drop (Pa)	5	5
Piping dimension	Gas pipe (mm)	Ø 22.22	Ø 22.22
	Liquid pipe (mm)	Ø 12.7	Ø 12.7
	Drain hose (mm)	Ø 25	Ø 25
Sound pressure level - S / H / M / L (dB(A))		53 / 50 / 48 / 46	54 / 51 / 49 / 47
Sound power level - S / H / M / L (dB(A))		67 / 64 / 62 / 60	68 / 65 / 63 / 61
Standard static pressure (Pa)		100	100
Max. static pressure (Pa)		300	350
Indoor air flow - S / H / M / L (m³/h)		4000 / 3600 / 3200 / 2700	4500 / 4100 / 3700 / 3300
Dimension - W / D / H (mm)		1333 / 750 / 497	1333 / 750 / 497
Packing - W / D / H (mm)		1558 / 896 / 668	1558 / 896 / 668
Net weight (kg)		88	88
Gross weight (kg)		110	110



DC fan motor

350 Pa

Max. ESP 350 Pa

28 kW

Max. capacity 28 kw

50/60 Hz

Power supply



VCW-02CREA