

# High Static Pressure Duct

- External static pressure up to 400Pa facilitates extensive duct and grille network
- 20-step static pressure control on all models (requires latest generation wired controllers)
- A double-skin drainage pan provides double protection for ceilings (models 71 to 160).
- Drain pump with a 750mm pump head available as a customization option



Optional wireless remote controller



WL-12D-CM WL-12B-CM

Optional wired controller



WR-86KD-CM WR-120G-CM

Model		42VD024H115011016*		42VD028H115011016*		42VD030H115011016		
Power supply		1 phase, 220-240V, 50Hz						
Cooling <sup>1</sup>	Capacity	kW	7.1	8.0	9.0			
		kBtu/h	24.2	27.3	30.7			
Power input	W		180	180	220			
Heating <sup>2</sup>	Capacity	kW	8.0	9.0	10.0			
		kBtu/h	27.3	30.7	34.1			
Power input	W		180	180	220			
Air flow rate <sup>3</sup>	m <sup>3</sup> /h	1360/1333/1296/1264/1234/1197/1159	1360/1333/1296/1264/1234/1197/1159	1428/1378/1328/1285/1237/1195/1151				
External static pressure	Pa	100 (30~ 200)						
Sound pressure level <sup>4</sup>	dB(A)	46/46/45/45/44/43/42		46/46/45/45/44/43/42		50/49/48/48/47/46/45		
Unit	Net dimensions <sup>5</sup> (WxHxD)	mm	952×420×690					
	Packed dimensions (WxHxD)	mm	1090×440×768					
	Net/Gross weight	kg	41/47				51/57	
Pipe connections	Liquid/Gas pipe	mm	Φ9.53/Φ15.9					
	Drain pipe	mm	OD Φ25					

Model		42VD036H115011016		42VD048H115011016		42VD054H115011016		
Power supply		1 phase, 220-240V, 50Hz						
Cooling <sup>1</sup>	Capacity	kW	11.2	14.0	16.0			
		kBtu/h	38.2	47.8	54.6			
Power input	W		380	420	700			
Heating <sup>2</sup>	Capacity	kW	12.5	16.0	17.0			
		kBtu/h	42.7	54.6	58.0			
Power input	W		380	420	700			
Air flow rate <sup>3</sup>	m <sup>3</sup> /h	1886/1775/1695/1614/1528/1429/1354	2258/2127/2033/1927/1818/1707/1601	2608/2501/2354/2239/2099/2013/1879				
External static pressure	Pa	100 (30~ 200)						
Sound pressure level <sup>4</sup>	dB(A)	50/50/49/48/47/46/45		53/52/51/51/50/49/48		54/54/53/52/51/50/50		
Unit	Net dimensions <sup>5</sup> (WxHxD)	mm	952×420×690		1300×420×690			
	Packed dimensions (WxHxD)	mm	1090×440×768		1436×450×768			
	Net/Gross weight	kg	51/57		63/70			
Pipe connections	Liquid/Gas pipe	mm	Φ9.53/Φ19.1					
	Drain pipe	mm	OD Φ25					

Model		42VD070H115011016		42VD085H115011016		42VD096H115011016		
Power supply		1 phase, 220-240V, 50Hz						
Cooling <sup>1</sup>	Capacity	kW	20.0	25.0	28.0			
		kBtu/h	68.2	85.3	95.5			
Power input	W		990	1200	1200			
Heating <sup>2</sup>	Capacity	kW	22.5	26.0	31.5			
		kBtu/h	76.8	88.7	107.5			
Power input	W		990	1200	1200			
Air flow rate <sup>3</sup>	m <sup>3</sup> /h	4358/4237/4144/4043/3941/3837/3745						
External static pressure	Pa	170 (20~250)						
Sound pressure level <sup>4</sup>	dB(A)	57/56/55/54/53/52/50						
Unit	Net dimensions <sup>5</sup> (WxHxD)	mm	1440×505×925					
	Packed dimensions (WxHxD)	mm	1509×550×990					
	Net/Gross weight	kg	130/142					
Pipe connections	Liquid/Gas pipe	mm	Φ12.7/Φ22.2					
	Drain pipe	mm	OD Φ32					

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 semi-anechoic chamber.
  5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.
- All specifications are measured at standard external static pressure.

\* Available Q3 2019