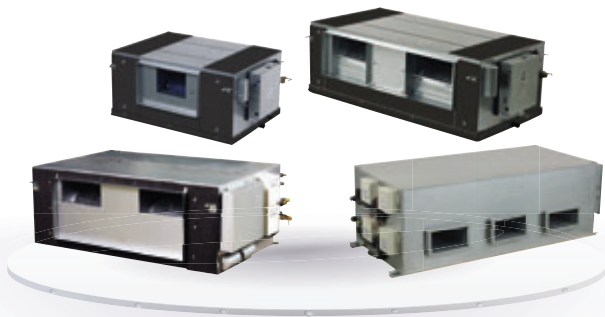








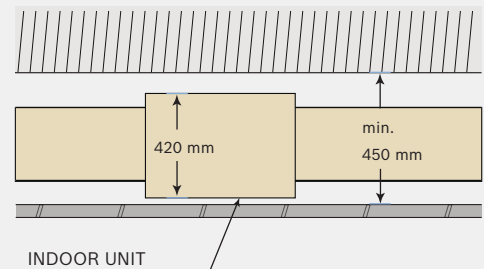
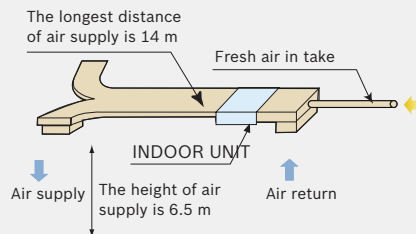
High Static Pressure Duct



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

Flexible duct design

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



The maximum distance for air supply is about 14 m at height of 6.5 m.

With a 420 mm (models 71 to 160) thick body, the minimum distance required above the ceiling is 450 mm.

Convenient installation

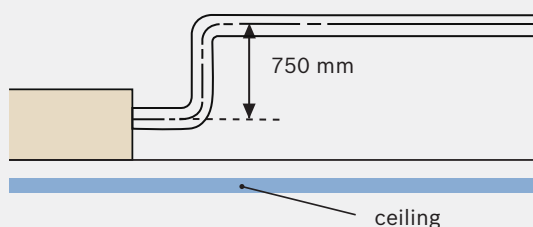
The EXV is fixed inside the indoor unit (models 70 to 160), requires no extra connection. Standard filter is housed in an aluminum frame, which is removable from the bottom in the downward direction. Flange for air in/outlet duct connection is standard.

Flexible control and convenient for maintenance

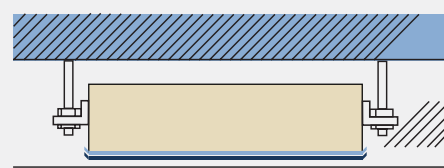
Wired remote controller WRC-HP is as standard, and wireless remote controller IRC is as an option. The display board is connected to the E-box in factory, easier troubleshooting by LED display. Easy access filters both at the rear & bottom. Standard functional port such as remote on/off dry contact.

Option

Drain pump with 750 mm 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		HPD71-1	HPD80-1	HPD90-1	HPD112-1	HPD140-1	HPD160-1	
Power supply	V/Ph/Hz	220-240/1/50						
Capacity	Cooling	kW	7.1	8.0	9.0	11.2	14.0	16.0
		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	8.0	9.0	10.0	12.5	16.0	17.0
		kcal/h	6,900	7,700	8,600	10,800	13,300	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	
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	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	
	Control method	EXV	EXV	EXV	EXV	EXV	EXV	
Indoor Unit	Net dim. (W×H×D)	mm	952×420×690	952×420×690	952×420×690	952×420×690	1,300×420×691	1,300×420×691
	Gross dim. (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	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	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32
Standard Controller	Wired Remote Controller WRC-HP (6 meters connection wire)							

Model		HPD200-1	HPD250-1	HPD280-1	HPD400-1	HPD450-1	HPD560-1	
Power supply	V/Ph/Hz	220-240/1/50						
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	3700	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	
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	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	
	Control method	EXV	EXV	EXV	EXV	EXV	EXV	
Indoor Unit	Net dim. (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
	Gross dim. (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	kg	115/129	115/129	115/129	232/245	232/245	235/250
Piping connections	L (flare)	mm	Φ9.53x2	Φ9.53x2	Φ9.53x2	Φ9.53x2	Φ9.53x2	Φ9.53x2
	G (flare)	mm	Φ15.9x2	Φ15.9x2	Φ15.9x2	Φ22.2x2	Φ22.2x2	Φ22.2x2
	Drain piping	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32
Standard Controller	Wired Remote Controller WRC-HP (6 meters connection wire)							

Notes:

- Nominal cooling capacities are based on the following conditions: return air temperature.: 27° C DB, 19° C WB, outdoor temperature.: 35° C DB, equivalent ref. Piping: 8 m (horizontal)
- Nominal heating capacities are based on the following conditions: return air temperature.: 20° C DB, outdoor temperature.: 7° C DB, 6° C WB, equivalent ref. Piping: 8 m (horizontal)
- Sound level is measured at 1.4 m below the air outlet.
External static pressure is based on high speed indoor air flow.