

Vertical Split Ducted



HIGHLY EFFICIENT FAN MOTOR



HEAVY DUTY



ANTI-RUST BODY

Model	Indoor Unit Outdoor Unit	KSDV-36W KPC-36IH0W	KSDV-60C KPC-60IH0BC	KSDV-60C KPC-60IV0BC	KSDV-90C KPC-90IV0C	KSDV-120C KPC-120IV0C
Cooling Capacity	TR	3.0	5.0	5.0	7.5	10.0
	BTU/Hr	37,000	60,000	60,000	90,000	120,000
	kJ/Hr	39,305	63,300	63,300	94,950	126,600
Power Supply	V/Hz/Ph	230/60/1	230/60/3	230/60/3	230/60/3	230/60/3
Rated Power	W	3,980	6,500	6,500	10,340	12,800
Rated Current	A	17.40	20.50	20.50	29.50	35.00
EER	BTU/W-Hr	9.30	9.23	9.23	8.70	9.38
	kJ/W-Hr	9.81	9.74	9.74	9.18	9.89
Refrigerant		R410A	R410A	R410A	R410A	R410A
Operation Temperature (Min-Max)	°C	17-30	17-30	17-30	17-30	17-30
Applicable Area (Unloaded Space)	SQM	42-66	70-110	70-110	105-165	140-220
Airflow Volume (Hi)	CMH	2,000	3,600	3,500	4,500	6,200
Indoor						
Rated External Static Pressure	Pa	37	50	50	62	75
Motor	HP	1/3	1	1	2	2
Unit Dimension (WxDxH)	mm	918x539x1,101	867x659x1,321	867x659x1,321	1,068x738x1,669	1,068x738x1,669
Packaging Dimension (WxDxH)	mm	N/A	N/A	N/A	N/A	N/A
Unit Weight (Net/Gross)	Kg	127	136	136	155	227
Outdoor						
Compressor Type		Rotary	Scroll	Scroll	Scroll	Scroll
Number of Compressor		1	1	1	1	1
Unit Dimension (WxDxH)	mm	936x355x812	936x355x1,268	810x810x727	810x810x783	1,000x1,000x983
Packaging Dimension (WxDxH)	mm	1,079x449x854	1,087x457x1,306	865x865x690	865x865x753	N/A
Unit Weight (Net/Gross)	Kg	72/76	110/115	92/96	98/102	173
Piping Connections						
Liquid Pipe Size (Diameter)	mm (in)	Ø9.53 (Ø3/8)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)	Ø15.88 (Ø5/8)	Ø19.05 (Ø3/4)
Gas Pipe Size (Diameter)	mm (in)	Ø15.88 (Ø5/8)	Ø22.23 (Ø7/8)	Ø22.23 (Ø7/8)	Ø28.58 (Ø1 1/8)	Ø28.58 (Ø1 1/8)
Max. Refrigerant Pipe Length	m	30	30	30	50	50
Max. Difference in Level	m	8	8	8	8	8

Model	Indoor Unit Outdoor Unit	KSDV-120DC KPC-120IVD0C	KSDV-120DC 2x KPC-60IH0BC	KSDV-120DC 2x KPC-60IV0BC	KSDV-180DC 2x KPC-90IV0C	KSDV-240DC 2x KPC-120IV0C
Cooling Capacity	TR	10.0	10.0	10.0	15.0	20.0
	BTU/Hr	120,000	120,000	120,000	180,000	240,000
	kJ/Hr	126,600	126,600	126,600	189,900	253,200
Power Supply	V/Hz/Ph	230/60/3	230/60/3	230/60/3	230/60/3	230/60/3
Rated Power	W	12,800	12,800	12,800	21,500	25,600
Rated Current	A	35.00	35.00	35.00	61.50	70.00
EER	BTU/W-Hr	9.38	9.38	9.38	8.37	9.38
	kJ/W-Hr	9.89	9.89	9.89	8.83	9.89
Refrigerant		R410A	R410A	R410A	R410A	R410A
Operation Temperature (Min-Max)	°C	17-30	17-30	17-30	17-30	17-30
Applicable Area (Unloaded Space)	SQM	140-220	140-220	140-220	210-330	280-440
Airflow Volume (Hi)	CMH	6,200	6,200	6,200	11,800	16,900
Indoor						
Rated External Static Pressure	Pa	75	75	75	100	100
Motor	HP	2	2	2	3	5
Unit Dimension (WxDxH)	mm	1,068x738x1,669	1,068x738x1,669	1,068x738x1,669	1,780x747x1,700	1,780x747x1,700
Packaging Dimension (WxDxH)	mm	N/A	N/A	N/A	N/A	N/A
Unit Weight (Net/Gross)	Kg	227	227	227	318	500
Outdoor						
Compressor Type		Scroll	Scroll	Scroll	Scroll	Scroll
Number of Compressor		2	2	2	2	2
Unit Dimension (WxDxH)	mm	1,000x1,000x983	(936x355x1,268) /unit	(810x810x727) /unit	(810x810x783) /unit	(1,000x1,000x983) /unit
Packaging Dimension (WxDxH)	mm	N/A	(1,087x457x1,306) /unit	(865x865x690) /unit	(865x865x753) /unit	N/A
Unit Weight (Net/Gross)	Kg	205	(110/115) /unit	(92/96) /unit	(98/102) /unit	(173) /unit
Piping Connections						
Liquid Pipe Size (Diameter)	mm (in)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)	Ø12.7 (Ø1/2)	Ø15.88 (Ø5/8)	Ø19.05 (Ø3/4)
Gas Pipe Size (Diameter)	mm (in)	Ø22.23 (Ø7/8)	Ø22.23 (Ø7/8)	Ø22.23 (Ø7/8)	Ø28.58 (Ø1 1/8)	Ø28.58 (Ø1 1/8)
Max. Refrigerant Pipe Length	m	50	30	30	50	50
Max. Difference in Level	m	8	8	8	8	8

NOTES:
 (1) Testing Conditions: Indoor air inlet temperature: 27°C DB / 19 °C WB; Outdoor air inlet temperature: 35°C DB / 24°C WB.
 (2) Prices and specifications are subject to change without prior notice for continuous product improvement.
 (3) Long Piping Model (KSDV-60C/KPC-60IH0JC, KSDV-60C/KPC-IV0JC, KSDV-120DC/2x KPC-60IH0BC & KSDV-120DC/2x KPC-60IV0BC) with Maximum pipe length of 50 meters is also available.
 (4) Koppel is a registered trademark of Koppel Inc.