

## OUTDOOR UNIT

### HI-FLEXI S HEAT RECOVERY



HP		8HP	10HP	12HP	14HP	16HP	18HP	
Model	Model	AVWT-76FKFSA	AVWT-96FKFSA	AVWT-114FKFSA	AVWT-136FKFSA	AVWT-154FKFSA	AVWT-170FKFSA	
	Modules	-	-	-	-	-	-	
Power Supply		AC 3Φ, 380-415V/50Hz/60Hz						
Cooling	Capacity	kW	22.4	28.0	33.5	40.0	45.0	50.0
		kBtu/h	76.4	95.5	114.3	136.5	153.5	170.6
	Power Input	kW	4.87	6.75	8.09	10.26	12.16	14.04
	EER	kW/kW	4.60	4.15	4.14	3.90	3.70	3.56
Heating	Capacity	kW	25.0	31.5	37.5	45.0	50.0	56.0
		kBtu/h	85.3	107.5	128.0	153.5	170.6	191.1
	Power Input	kW	5.20	6.77	9.17	10.82	12.14	14.74
COP	kW/kW	4.81	4.65	4.09	4.16	4.12	3.80	
Ventilation	Air Flow Rate	m <sup>3</sup> /min	183				200	
	Fan Quantity	PC	1				2	
Sound	Sound Pressure Level	dB(A)	59	60	62	62	62	62
Compressor	Type	-	Enhanced Vapor Injection Scroll Compressor					
	Compressor Quantity	PC	1	1	1	1	1	2
Refrigerant	Type	-	R410A					
	Pre-charged Amount	kg	5.60	5.90	6.00	8.80	8.80	9.20
Weight	Net Weight	kg	226	227	246	289	290	349
	Gross Weight	kg	246	247	266	311	312	371
Dimensions	External (H × W × D)	mm	1730 × 950 × 750				1730 × 1210 × 750	
	Packing (H × W × D)	mm	1930 × 1015 × 790				1930 × 1275 × 790	
Cabinet Color	-	-	Ivory White					
Heat Pump Operation System	Gas	mm	φ19.05	φ22.20	φ25.40	φ25.40	φ28.60	φ28.60
		in.	3/4	7/8	1	1	1-1/8	1-1/8
	Liquid	mm	φ9.53	φ9.53	φ12.70	φ12.70	φ12.70	φ15.88
		in.	3/8	3/8	1/2	1/2	1/2	5/8
Heat Recovery Operation System	Low Pressure Gas Line	mm	φ19.05	φ22.20	φ25.40	φ25.40	φ28.60	φ28.60
		in.	3/4	7/8	1	1	1-1/8	1-1/8
	High/Low Pressure Gas Line	mm	φ15.88	φ19.05	φ22.2	φ22.2	φ22.2	φ22.2
		in.	5/8	3/4	7/8	7/8	7/8	7/8
Liquid Line	mm	φ9.53	φ9.53	φ12.70	φ12.70	φ12.70	φ15.88	
	in.	3/8	3/8	1/2	1/2	1/2	5/8	
Operation Range	Cooling	°C DB	-10-52					
	Heating	°C WB	-25-16.5					

Notes:

- Rated cooling capacity and rated heating capacity are tested in the following conditions:  
Cooling conditions: indoor air inlet temperature: 27°C DB 19°C WB, Outdoor air inlet temperature: 35°C DB, pipe length: 7.5m, pipe height difference: 0m  
Heating conditions: indoor air inlet temperature: 20°C DB, Outdoor air inlet temperature: 7°C DB 6°C WB, pipe length: 7.5m, pipe height difference: 0m
- The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
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### HI-FLEXI S HEAT RECOVERY



HP		20HP	22HP	24HP	26HP	28HP	
Model	Model	AVWT-190FKFSA	AVWT-212FKFSA	AVWT-232FKFSA	AVWT-250FKFSA	AVWT-272FKFSA	
	Modules	-	-	-	-	-	
Power Supply		AC 3Φ, 380-415V/50Hz/60Hz					
Cooling	Capacity	kW	56.0	61.5	68.0	72.5	80.0
		kBtu/h	191.1	209.8	232.0	247.4	273.0
	Power Input	kW	15.60	18.04	20.61	21.90	24.24
	EER	kW/kW	3.59	3.41	3.30	3.31	3.30
Heating	Capacity	kW	63.0	69.0	75.0	80.0	90.0
		kBtu/h	215.0	235.4	255.9	273.0	307.1
	Power Input	kW	16.54	18.80	21.43	22.35	26.01
COP	kW/kW	3.81	3.67	3.50	3.58	3.46	
Ventilation	Air Flow Rate	m <sup>3</sup> /min	267	296	296	350	350
	Fan Quantity	PC	2				
Sound	Sound Pressure Level	dB(A)	63	64	66	67	67
Compressor	Type	-	Enhanced Vapor Injection Scroll Compressor				
	Compressor Quantity	PC	2				
Refrigerant	Type	-	R410A				
	Pre-charged Amount	kg	9.80	10.60	10.60	11.50	11.50
Weight	Net Weight	kg	369	377	378	400	401
	Gross Weight	kg	393	401	402	426	427
Dimensions	External (H × W × D)	mm	1730 × 1350 × 750			1730 × 1600 × 750	
	Packing (H × W × D)	mm	1930 × 1420 × 790			1930 × 1665 × 790	
Cabinet Color	-	-	Ivory White				
Heat Pump Operation System	Gas	mm	φ28.60	φ28.60	φ28.60	φ31.75	φ31.75
		in.	1-1/8	1-1/8	1-1/8	1-1/4	1-1/4
	Liquid	mm	φ15.88	φ15.88	φ15.88	φ19.05	φ19.05
		in.	5/8	5/8	5/8	3/4	3/4
Heat Recovery Operation System	Low Pressure Gas Line	mm	φ28.60	φ28.60	φ28.60	φ31.75	φ31.75
		in.	1-1/8	1-1/8	1-1/8	1-1/4	1-1/4
	High/Low Pressure Gas Line	mm	φ22.2	φ25.4	φ25.4	φ25.4	φ28.6
		in.	7/8	1	1	1	1-1/8
Liquid Line	mm	φ15.88	φ15.88	φ15.88	φ19.05	φ19.05	
	in.	5/8	5/8	5/8	3/4	3/4	
Operation Range	Cooling	°C DB	-10-52				
	Heating	°C WB	-25-16.5				

Notes:

- Rated cooling capacity and rated heating capacity are tested in the following conditions:  
Cooling conditions: indoor air inlet temperature: 27°C DB 19°C WB, Outdoor air inlet temperature: 35°C DB, pipe length: 7.5m, pipe height difference: 0m  
Heating conditions: indoor air inlet temperature: 20°C DB, Outdoor air inlet temperature: 7°C DB 6°C WB, pipe length: 7.5m, pipe height difference: 0m
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# OUTDOOR UNIT

## HI-FLEXI S HEAT RECOVERY



HP		30HP	32HP	34HP	36HP	38HP	
Model	Model	AVWT-290FKFSA	AVWT-308FKFSA	AVWT-324FKFSA	AVWT-344FKFSA	AVWT-360FKFSA	
	Modules	AVWT-136FKFSA AVWT-154FKFSA	AVWT-154FKFSA AVWT-154FKFSA	AVWT-154FKFSA AVWT-170FKFSA	AVWT-154FKFSA AVWT-190FKFSA	AVWT-170FKFSA AVWT-190FKFSA	
Power Supply		AC 3φ, 380-415V/50Hz/60Hz					
Cooling	Capacity	kW	85.0	90.0	95.0	101.0	106.0
		kBtu/h	290.0	307.1	324.1	344.6	361.7
	Power Input	kW	22.41	24.32	26.20	27.75	29.64
	EER	kW/kW	3.79	3.70	3.63	3.64	3.58
Heating	Capacity	kW	95.0	100.0	106.0	113.0	119.0
		kBtu/h	324.1	341.2	361.7	385.6	406.0
	Power Input	kW	22.95	24.27	26.82	28.62	31.27
	COP	kW/kW	4.14	4.12	3.95	3.95	3.81
Ventilation	Air Flow Rate	m <sup>3</sup> /min	400			467	
	Fan Quantity	PC	4				
Sound	Sound Pressure Level	dB(A)	67				
Compressor	Type	-	Enhanced Vapor Injection Scroll Compressor				
	Compressor Quantity	PC	2	2	3	3	4
Refrigerant	Type	-	R410A				
	Pre-charged Amount	kg	8.80+8.80	8.80+8.80	8.80+9.20	8.80+9.80	9.20+9.80
Weight	Net Weight	kg	289+290	290+290	290+349	290+369	349+369
	Gross Weight	kg	311+312	312+312	312+371	312+393	371+393
Dimensions	External (H × W × D)	mm	1730 × (1210+1210) × 750			1730 × (1210+1350) × 750	
	Packing (H × W × D)	mm	1930 × (1275+1275) × 790			1930 × (1275+1420) × 790	
Cabinet Color	-	-	Ivory White				
Heat Pump Operation System	Gas	mm	φ31.75	φ31.75	φ31.75	φ38.1	φ38.1
		in.	1-1/4	1-1/4	1-1/4	1-1/2	1-1/2
	Liquid	mm	φ19.05	φ19.05	φ19.05	φ19.05	φ19.05
		in.	3/4	3/4	3/4	3/4	3/4
Heat Recovery Operation System	Low Pressure Gas Line	mm	φ31.75	φ31.75	φ31.75	φ38.1	φ38.1
		in.	1-1/4	1-1/4	1-1/4	1-1/2	1-1/2
	High/Low Pressure Gas Line	mm	φ28.6	φ28.6	φ28.6	φ28.6	φ31.75
		in.	1-1/8	1-1/8	1-1/8	1-1/8	1-1/4
	Liquid Line	mm	φ19.05	φ19.05	φ19.05	φ19.05	φ19.05
		in.	3/4	3/4	3/4	3/4	3/4
Operation Range	Cooling	°C DB	-10~52				
	Heating	°C WB	-25~16.5				

Notes:

- Rated cooling capacity and rated heating capacity are tested in the following conditions:  
Cooling conditions: indoor air inlet temperature: 27°C DB 19°C WB, Outdoor air inlet temperature: 35°C DB, pipe length: 7.5m, pipe height difference: 0m  
Heating conditions: indoor air inlet temperature: 20°C DB, Outdoor air inlet temperature: 7°C DB 6°C WB, pipe length: 7.5m, pipe height difference: 0m
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## HI-FLEXI S HEAT RECOVERY



HP		40HP	42HP	44HP	46HP	48HP	
Model	Model	AVWT-380FKFSA	AVWT-402FKFSA	AVWT-422FKFSA	AVWT-444FKFSA	AVWT-464FKFSA	
	Modules	AVWT-190FKFSA AVWT-190FKFSA	AVWT-170FKFSA AVWT-232FKFSA	AVWT-190FKFSA AVWT-232FKFSA	AVWT-212FKFSA AVWT-232FKFSA	AVWT-232FKFSA AVWT-232FKFSA	
Power Supply		AC 3φ, 380-415V/50Hz/60Hz					
Cooling	Capacity	kW	112.0	118.0	124.0	129.5	136.0
		kBtu/h	382.1	402.6	423.1	441.9	464.0
	Power Input	kW	31.20	34.60	36.15	38.63	41.21
	EER	kW/kW	3.59	3.41	3.43	3.35	3.30
Heating	Capacity	kW	126.0	131.0	138.0	144.0	150.0
		kBtu/h	429.9	447.0	470.9	491.3	511.8
	Power Input	kW	33.07	36.12	37.92	40.21	42.86
	COP	kW/kW	3.81	3.63	3.64	3.58	3.50
Ventilation	Air Flow Rate	m <sup>3</sup> /min	534	496	563	592	592
	Fan Quantity	PC	4				
Sound	Sound Pressure Level	dB(A)	67	67	68	68	69
Compressor	Type	-	Enhanced Vapor Injection Scroll Compressor				
	Compressor Quantity	PC	4				
Refrigerant	Type	-	R410A				
	Pre-charged Amount	kg	9.80+9.80	9.20+10.60	9.80+10.60	10.60+10.60	10.60+10.60
Weight	Net Weight	kg	369+369	349+378	369+378	377+378	378+378
	Gross Weight	kg	393+393	371+402	393+402	401+402	402+402
Dimensions	External (H × W × D)	mm	1730 × (1350+1350) × 750	1730 × (1210+1350) × 750	1730 × (1350+1350) × 750		
	Packing (H × W × D)	mm	1930 × (1420+1420) × 790	1930 × (1275+1420) × 790	1930 × (1420+1420) × 790		
Cabinet Color	-	-	Ivory White				
Heat Pump Operation System	Gas	mm	φ38.1	φ38.1	φ38.1	φ38.1	φ38.1
		in.	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2
	Liquid	mm	φ19.05	φ19.05	φ19.05	φ19.05	φ19.05
		in.	3/4	3/4	3/4	3/4	3/4
Heat Recovery Operation System	Low Pressure Gas Line	mm	φ38.1	φ38.1	φ38.1	φ38.1	φ38.1
		in.	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2
	High/Low Pressure Gas Line	mm	φ31.75	φ31.75	φ31.75	φ31.75	φ31.75
		in.	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
	Liquid Line	mm	φ19.05	φ19.05	φ19.05	φ19.05	φ19.05
		in.	3/4	3/4	3/4	3/4	3/4
Operation Range	Cooling	°C DB	-10~52				
	Heating	°C WB	-25~16.5				

Notes:

- Rated cooling capacity and rated heating capacity are tested in the following conditions:  
Cooling conditions: indoor air inlet temperature: 27°C DB 19°C WB, Outdoor air inlet temperature: 35°C DB, pipe length: 7.5m, pipe height difference: 0m  
Heating conditions: indoor air inlet temperature: 20°C DB, Outdoor air inlet temperature: 7°C DB 6°C WB, pipe length: 7.5m, pipe height difference: 0m
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## OUTDOOR UNIT

### HI-FLEXI S HEAT RECOVERY



HP		50HP	52HP	54HP	56HP	
Model	Model	AVWT-482FKFSA	AVWT-504FKFSA	AVWT-522FKFSA	AVWT-544FKFSA	
	Modules	AVWT-232FKFSA AVWT-250FKFSA	AVWT-232FKFSA AVWT-272FKFSA	AVWT-250FKFSA AVWT-272FKFSA	AVWT-272FKFSA AVWT-272FKFSA	
Power Supply		AC 3 $\phi$ , 380-415V/50Hz/60Hz				
Cooling	Capacity	kW	140.5	148.0	152.5	160.0
		kBtu/h	479.4	505.0	520.3	545.9
	Power Input	kW	42.51	44.85	46.15	48.48
	EER	kW/kW	3.31	3.30	3.30	3.30
Heating	Capacity	kW	155.0	165.0	170.0	180.0
		kBtu/h	528.9	563.0	580.0	614.2
	Power Input	kW	43.77	47.44	48.33	52.02
	COP	kW/kW	3.54	3.48	3.52	3.46
Ventilation	Air Flow Rate	m <sup>3</sup> /min	646		700	
	Fan Quantity	PC	4			
Sound	Sound Pressure Level	dB(A)	70			
Compressor	Type	-	Enhanced Vapor Injection Scroll Compressor			
	Compressor Quantity	PC	4			
Refrigerant	Type	-	R410A			
	Pre-charged Amount	kg	10.60+11.50	10.60+11.50	11.50+11.50	11.50+11.50
Weight	Net Weight	kg	378+400	378+401	400+401	401+401
	Gross Weight	kg	402+426	402+427	426+427	427+427
Dimensions	External (H x W x D)	mm	1730 x (1350+1600) x 750		1730 x (1600+1600) x 750	
	Packing (H x W x D)	mm	1930 x (1420+1665) x 790		1930 x (1665+1665) x 790	
Cabinet Color	-	-	Ivory White			
Heat Pump Operation System	Gas	mm	$\phi$ 38.1	$\phi$ 38.1	$\phi$ 38.1	$\phi$ 41.3
		in.	1-1/2	1-1/2	1-1/2	1-5/8
	Liquid	mm	$\phi$ 19.05	$\phi$ 19.05	$\phi$ 19.05	$\phi$ 22.2
		in.	3/4	3/4	3/4	7/8
Heat Recovery Operation System	Low Pressure Gas Line	mm	$\phi$ 38.1	$\phi$ 38.1	$\phi$ 38.1	$\phi$ 41.3
		in.	1-1/2	1-1/2	1-1/2	1-5/8
	High/Low Pressure Gas Line	mm	$\phi$ 31.75	$\phi$ 31.75	$\phi$ 31.75	$\phi$ 38.1
		in.	1-1/4	1-1/4	1-1/4	1-1/2
	Liquid Line	mm	$\phi$ 19.05	$\phi$ 19.05	$\phi$ 19.05	$\phi$ 22.2
		in.	3/4	3/4	3/4	7/8
Operation Range	Cooling	°C DB	-10~52			
	Heating	°C WB	-25~16.5			

Notes:

- Rated cooling capacity and rated heating capacity are tested in the following conditions:  
Cooling conditions: indoor air inlet temperature: 27°C DB 19°C WB, Outdoor air inlet temperature: 35°C DB, pipe length: 7.5m, pipe height difference: 0m  
Heating conditions: indoor air inlet temperature: 20°C DB, Outdoor air inlet temperature: 7°C DB 6°C WB, pipe length: 7.5m, pipe height difference: 0m
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### HI-FLEXI S HEAT RECOVERY



HP		58HP	60HP	62HP	64HP	
Model	Model	AVWT-552FKFSA	AVWT-570FKFSA	AVWT-592FKFSA	AVWT-612FKFSA	
	Modules	AVWT-170FKFSA AVWT-170FKFSA AVWT-212FKFSA	AVWT-190FKFSA AVWT-190FKFSA AVWT-190FKFSA	AVWT-170FKFSA AVWT-190FKFSA AVWT-232FKFSA	AVWT-190FKFSA AVWT-190FKFSA AVWT-232FKFSA	
Power Supply		AC 3 $\phi$ , 380-415V/50Hz/60Hz				
Cooling	Capacity	kW	161.5	168.0	174.0	180.0
		kBtu/h	551.0	573.2	593.7	614.2
	Power Input	kW	46.11	46.80	50.18	51.72
	EER	kW/kW	3.50	3.59	3.47	3.48
Heating	Capacity	kW	181.0	189.0	194.0	201.0
		kBtu/h	617.6	644.9	661.9	685.8
	Power Input	kW	48.27	49.61	52.64	54.43
	COP	kW/kW	3.75	3.81	3.69	3.69
Ventilation	Air Flow Rate	m <sup>3</sup> /min	696	801	763	830
	Fan Quantity	PC	6			
Sound	Sound Pressure Level	dB(A)	70			
Compressor	Type	-	6			
	Compressor Quantity	PC	Enhanced Vapor Injection Scroll Compressor			
Refrigerant	Type	-	R410A			
	Pre-charged Amount	kg	9.20+9.20+10.60	9.80+9.80+9.80	9.20+9.80+10.60	9.80+9.80+10.60
Weight	Net Weight	kg	349+349+377	369+369+369	349+369+378	369+369+378
	Gross Weight	kg	371+371+401	393+393+393	371+393+402	393+393+402
Dimensions	External (H x W x D)	mm	1730 x (1210+1210+1350) x 750	1730 x (1350+1350+1350) x 750	1730 x (1210+1350+1350) x 750	1730 x (1350+1350+1350) x 750
	Packing (H x W x D)	mm	1930 x (1275+1275+1420) x 790	1930 x (1420+1420+1420) x 790	1930 x (1275+1420+1420) x 790	1930 x (1420+1420+1420) x 790
Cabinet Color	-	-	Ivory White			
Heat Pump Operation System	Gas	mm	$\phi$ 44.5			
		in.	1-3/4			
	Liquid	mm	$\phi$ 22.2			
		in.	7/8			
Heat Recovery Operation System	Low Pressure Gas Line	mm	$\phi$ 44.5			
		in.	1-3/4			
	High/Low Pressure Gas Line	mm	$\phi$ 41.3			
		in.	1-5/8			
	Liquid Line	mm	$\phi$ 22.2			
		in.	7/8			
Operation Range	Cooling	°C DB	-10~52			
	Heating	°C WB	-25~16.5			

Notes:

- Rated cooling capacity and rated heating capacity are tested in the following conditions:  
Cooling conditions: indoor air inlet temperature: 27°C DB 19°C WB, Outdoor air inlet temperature: 35°C DB, pipe length: 7.5m, pipe height difference: 0m  
Heating conditions: indoor air inlet temperature: 20°C DB, Outdoor air inlet temperature: 7°C DB 6°C WB, pipe length: 7.5m, pipe height difference: 0m
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## OUTDOOR UNIT

### HI-FLEXI S HEAT RECOVERY



HP			66HP	68HP	70HP	72HP
Model	Model		AVWT-634FKFSA	AVWT-654FKFSA	AVWT-676FKFSA	AVWT-696FKFSA
	Modules		AVWT-190FKFSA AVWT-212FKFSA AVWT-232FKFSA	AVWT-190FKFSA AVWT-232FKFSA AVWT-232FKFSA	AVWT-212FKFSA AVWT-232FKFSA AVWT-232FKFSA	AVWT-232FKFSA AVWT-232FKFSA AVWT-232FKFSA
Power Supply			AC 3 $\phi$ , 380-415V/50Hz/60Hz			
Cooling	Capacity	kW	185.5	192.0	197.5	204.0
		kBtu/h	632.9	655.1	673.9	696.0
	Power Input	kW	54.18	56.73	59.23	61.82
	EER	kW/kW	3.42	3.38	3.33	3.30
Heating	Capacity	kW	207.0	213.0	219.0	225.0
		kBtu/h	706.3	726.8	747.2	767.7
	Power Input	kW	56.72	59.33	61.63	64.29
	COP	kW/kW	3.65	3.59	3.55	3.50
Ventilation	Air Flow Rate	m <sup>3</sup> /min	859		888	
	Fan Quantity	PC	6			
Sound	Sound Pressure Level	dB(A)	70	70	70	71
Compressor	Type	-	Enhanced Vapor Injection Scroll Compressor			
	Compressor Quantity	PC	6			
Refrigerant	Type	-	R410A			
	Pre-charged Amount	kg	9.80+10.60+10.60	9.80+10.60+10.60	10.60+10.60+10.60	10.60+10.60+10.60
Weight	Net Weight	kg	369+377+378	369+378+378	377+378+378	378+378+378
	Gross Weight	kg	393+401+402	393+402+402	401+402+402	402+402+402
Dimensions	External (H x W x D)	mm	1730 x (1350+1350+1350) x 750			
	Packing (H x W x D)	mm	1930 x (1420+1420+1420) x 790			
Cabinet Color	-	-	Ivory White			
Heat Pump Operation System	Gas	mm	$\phi$ 44.5	$\phi$ 50.8	$\phi$ 50.8	$\phi$ 50.8
		in.	1-3/4	2	2	2
	Liquid	mm	$\phi$ 22.2	$\phi$ 25.4	$\phi$ 25.4	$\phi$ 25.4
		in.	7/8	1	1	1
Heat Recovery Operation System	Low Pressure Gas Line	mm	$\phi$ 44.5	$\phi$ 50.8	$\phi$ 50.8	$\phi$ 50.8
		in.	1-3/4	2	2	2
	High/Low Pressure Gas Line	mm	$\phi$ 41.3	$\phi$ 44.5	$\phi$ 44.5	$\phi$ 44.5
		in.	1-5/8	1-3/4	1-3/4	1-3/4
	Liquid Line	mm	$\phi$ 22.2	$\phi$ 25.4	$\phi$ 25.4	$\phi$ 25.4
		in.	7/8	1	1	1
Operation Range	Cooling	$^{\circ}$ C DB	-10-52			
	Heating	$^{\circ}$ C WB	-25-16.5			

Notes:

- Rated cooling capacity and rated heating capacity are tested in the following conditions:  
Cooling conditions: indoor air inlet temperature: 27 $^{\circ}$ C DB 19 $^{\circ}$ C WB, Outdoor air inlet temperature: 35 $^{\circ}$ C DB, pipe length: 7.5m, pipe height difference: 0m  
Heating conditions: indoor air inlet temperature: 20 $^{\circ}$ C DB, Outdoor air inlet temperature: 7 $^{\circ}$ C DB 6 $^{\circ}$ C WB, pipe length: 7.5m, pipe height difference: 0m
- The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
- The final appearance of outdoor units is subject to the actual products.

### HI-FLEXI S HEAT RECOVERY



HP			74HP	76HP	78HP	80HP
Model	Model		AVWT-714FKFSA	AVWT-732FKFSA	AVWT-754FKFSA	AVWT-776FKFSA
	Modules		AVWT-232FKFSA AVWT-232FKFSA AVWT-250FKFSA	AVWT-232FKFSA AVWT-250FKFSA AVWT-250FKFSA	AVWT-232FKFSA AVWT-250FKFSA AVWT-272FKFSA	AVWT-232FKFSA AVWT-272FKFSA AVWT-272FKFSA
Power Supply			AC 3 $\phi$ , 380-415V/50Hz/60Hz			
Cooling	Capacity	kW	208.5	213.0	220.5	228.0
		kBtu/h	711.4	726.8	752.3	777.9
	Power Input	kW	63.11	64.41	66.75	69.09
	EER	kW/kW	3.30	3.31	3.30	3.30
Heating	Capacity	kW	230.0	235.0	245.0	255.0
		kBtu/h	784.8	801.8	835.9	870.1
	Power Input	kW	65.19	66.11	69.76	73.45
	COP	kW/kW	3.53	3.55	3.51	3.47
Ventilation	Air Flow Rate	m <sup>3</sup> /min	942	996	996	996
	Fan Quantity	PC	6			
Sound	Sound Pressure Level	dB(A)	71			
Compressor	Type	-	Enhanced Vapor Injection Scroll Compressor			
	Compressor Quantity	PC	6			
Refrigerant	Type	-	R410A			
	Pre-charged Amount	kg	10.60+10.60+11.50	10.60+11.50+11.50	10.60+11.50+11.50	10.60+11.50+11.50
Weight	Net Weight	kg	378+378+400	378+400+400	378+400+401	378+401+401
	Gross Weight	kg	402+402+426	402+426+426	402+426+427	402+427+427
Dimensions	External (H x W x D)	mm	1730 x (1350+1350+1600) x 750	1730 x (1350+1600+1600) x 750	1730 x (1350+1600+1600) x 750	1730 x (1350+1600+1600) x 750
	Packing (H x W x D)	mm	1930 x (1420+1420+1665) x 790	1930 x (1420+1665+1665) x 790	1930 x (1420+1665+1665) x 790	1930 x (1420+1665+1665) x 790
Cabinet Color	-	-	Ivory White			
Heat Pump Operation System	Gas	mm	$\phi$ 50.8			
		in.	2			
	Liquid	mm	$\phi$ 25.4			
		in.	1			
Heat Recovery Operation System	Low Pressure Gas Line	mm	$\phi$ 50.8			
		in.	2			
	High/Low Pressure Gas Line	mm	$\phi$ 44.5			
		in.	1-3/4			
	Liquid Line	mm	$\phi$ 25.4			
		in.	1			
Operation Range	Cooling	$^{\circ}$ C DB	-10-52			
	Heating	$^{\circ}$ C WB	-25-16.5			

Notes:

- Rated cooling capacity and rated heating capacity are tested in the following conditions:  
Cooling conditions: indoor air inlet temperature: 27 $^{\circ}$ C DB 19 $^{\circ}$ C WB, Outdoor air inlet temperature: 35 $^{\circ}$ C DB, pipe length: 7.5m, pipe height difference: 0m  
Heating conditions: indoor air inlet temperature: 20 $^{\circ}$ C DB, Outdoor air inlet temperature: 7 $^{\circ}$ C DB 6 $^{\circ}$ C WB, pipe length: 7.5m, pipe height difference: 0m
- The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
- The final appearance of outdoor units is subject to the actual products.

## OUTDOOR UNIT

### HI-FLEXI S HEAT RECOVERY



HP		82HP	84HP	86HP	88HP	
Model	Model	AVWT-794KFSA	AVWT-816KFSA	AVWT-824KFSA	AVWT-844KFSA	
	Modules	AVWT-250KFSA AVWT-272KFSA AVWT-272KFSA	AVWT-272KFSA AVWT-272KFSA AVWT-272KFSA	AVWT-190KFSA AVWT-190KFSA AVWT-212KFSA AVWT-232KFSA	AVWT-190KFSA AVWT-190KFSA AVWT-232KFSA AVWT-232KFSA	
Power Supply		AC 3 $\phi$ , 380-415V/50Hz/60Hz				
Cooling	Capacity	kW	232.5	240.0	241.5	248.0
		kBtu/h	793.3	818.9	824.0	846.2
	Power Input	kW	70.39	72.73	69.76	72.29
	EER	kW/kW	3.30	3.30	3.46	3.43
Heating	Capacity	kW	260.0	270.0	270.0	276.0
		kBtu/h	887.1	921.2	921.2	941.7
	Power Input	kW	74.33	78.03	73.24	75.83
	COP	kW/kW	3.50	3.46	3.69	3.64
Ventilation	Air Flow Rate	m <sup>3</sup> /min	1050		1126	
	Fan Quantity	PC	6		8	
Sound	Sound Pressure Level	dB(A)	72			
Compressor	Type	-	Enhanced Vapor Injection Scroll Compressor			
	Compressor Quantity	PC	6		8	
Refrigerant	Type	-	R410A			
	Pre-charged Amount	kg	11.50+11.50+11.50	11.50+11.50+11.50	9.80+9.80+10.60+10.60	9.80+9.80+10.60+10.60
Weight	Net Weight	kg	400+401+401	401+401+401	369+369+377+378	369+369+378+378
	Gross Weight	kg	426+427+427	427+427+427	393+393+401+402	393+393+402+402
Dimensions	External (H x W x D)	mm	1730 x (1600+1600+1600) x 750		1730 x (1350+1350+1350+1350) x 750	
	Packing (H x W x D)	mm	1930 x (1665+1665+1665) x 790		1930 x (1420+1420+1420+1420) x 790	
Cabinet Color	-	-	Ivory White			
Heat Pump Operation System	Gas	mm	$\phi$ 50.8			
		in.	2			
	Liquid	mm	$\phi$ 25.4			
		in.	1			
Heat Recovery Operation System	Low Pressure Gas Line	mm	$\phi$ 50.8			
		in.	2			
	High/Low Pressure Gas Line	mm	$\phi$ 44.5			
		in.	1-3/4			
	Liquid Line	mm	$\phi$ 25.4			
		in.	1			
Operation Range	Cooling	$^{\circ}$ C DB	-10-52			
	Heating	$^{\circ}$ C WB	-25-16.5			

Notes:

- Rated cooling capacity and rated heating capacity are tested in the following conditions:  
Cooling conditions: indoor air inlet temperature: 27 $^{\circ}$ C DB 19 $^{\circ}$ C WB, Outdoor air inlet temperature: 35 $^{\circ}$ C DB, pipe length: 7.5m, pipe height difference: 0m  
Heating conditions: indoor air inlet temperature: 20 $^{\circ}$ C DB, Outdoor air inlet temperature: 7 $^{\circ}$ C DB 6 $^{\circ}$ C WB, pipe length: 7.5m, pipe height difference: 0m
- The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
- The final appearance of outdoor units is subject to the actual products.

### HI-FLEXI S HEAT RECOVERY



HP		90HP	92HP	94HP	96HP	
Model	Model	AVWT-866KFSA	AVWT-886KFSA	AVWT-908KFSA	AVWT-928KFSA	
	Modules	AVWT-190KFSA AVWT-212KFSA AVWT-232KFSA AVWT-232KFSA	AVWT-190KFSA AVWT-232KFSA AVWT-232KFSA AVWT-232KFSA	AVWT-212KFSA AVWT-232KFSA AVWT-232KFSA AVWT-232KFSA	AVWT-232KFSA AVWT-232KFSA AVWT-232KFSA AVWT-232KFSA	
Power Supply		AC 3 $\phi$ , 380-415V/50Hz/60Hz				
Cooling	Capacity	kW	253.5	260.0	265.5	272.0
		kBtu/h	864.9	887.1	905.9	928.1
	Power Input	kW	74.77	77.33	79.83	82.42
	EER	kW/kW	3.39	3.36	3.33	3.30
Heating	Capacity	kW	282.0	288.0	294.0	300.0
		kBtu/h	962.2	982.7	1003.1	1023.6
	Power Input	kW	78.12	80.75	83.06	85.71
	COP	kW/kW	3.61	3.57	3.54	3.50
Ventilation	Air Flow Rate	m <sup>3</sup> /min	1155		1184	
	Fan Quantity	PC	8		8	
Sound	Sound Pressure Level	dB(A)	72			
Compressor	Type	-	Enhanced Vapor Injection Scroll Compressor			
	Compressor Quantity	PC	8			
Refrigerant	Type	-	R410A			
	Pre-charged Amount	kg	9.80+10.60+10.60+10.60	9.80+10.60+10.60+10.60	10.60+10.60+10.60+10.60	10.60+10.60+10.60+10.60
Weight	Net Weight	kg	369+377+378+378	369+378+378+378	377+378+378+378	378+378+378+378
	Gross Weight	kg	393+401+402+402	393+402+402+402	401+402+402+402	402+402+402+402
Dimensions	External (H x W x D)	mm	1730 x (1350+1350+1350+1350) x 750			
	Packing (H x W x D)	mm	1930 x (1420+1420+1420+1420) x 790			
Cabinet Color	-	-	Ivory White			
Heat Pump Operation System	Gas	mm	$\phi$ 50.8			
		in.	2			
	Liquid	mm	$\phi$ 25.4			
		in.	1			
Heat Recovery Operation System	Low Pressure Gas Line	mm	$\phi$ 50.8			
		in.	2			
	High/Low Pressure Gas Line	mm	$\phi$ 44.5			
		in.	1-3/4			
	Liquid Line	mm	$\phi$ 25.4			
		in.	1			
Operation Range	Cooling	$^{\circ}$ C DB	-10-52			
	Heating	$^{\circ}$ C WB	-25-16.5			

Notes:

- Rated cooling capacity and rated heating capacity are tested in the following conditions:  
Cooling conditions: indoor air inlet temperature: 27 $^{\circ}$ C DB 19 $^{\circ}$ C WB, Outdoor air inlet temperature: 35 $^{\circ}$ C DB, pipe length: 7.5m, pipe height difference: 0m  
Heating conditions: indoor air inlet temperature: 20 $^{\circ}$ C DB, Outdoor air inlet temperature: 7 $^{\circ}$ C DB 6 $^{\circ}$ C WB, pipe length: 7.5m, pipe height difference: 0m
- The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
- The final appearance of outdoor units is subject to the actual products.

## OUTDOOR UNIT

### HI-FLEXI S HEAT RECOVERY



HP		98HP	100HP	102HP	104HP	
Model	Model	AVWT-946FKFSA	AVWT-968FKFSA	AVWT-988FKFSA	AVWT-1008FKFSA	
	Modules	AVWT-232FKFSA	AVWT-232FKFSA	AVWT-212FKFSA	AVWT-232FKFSA	
		AVWT-232FKFSA	AVWT-232FKFSA	AVWT-232FKFSA	AVWT-232FKFSA	
		AVWT-232FKFSA	AVWT-232FKFSA	AVWT-272FKFSA	AVWT-272FKFSA	
Power Supply		AC 3 $\phi$ , 380-415V/50Hz/60Hz				
Cooling	Capacity	kW	276.5	284.0	289.5	296.0
		kBtu/h	943.4	969.0	987.8	1010.0
	Power Input	kW	83.72	86.06	87.10	89.70
	EER	kW/kW	3.30	3.30	3.32	3.30
Heating	Capacity	kW	305.0	315.0	324.0	330.0
		kBtu/h	1040.7	1074.8	1105.5	1126.0
	Power Input	kW	86.62	90.29	92.19	94.87
	COP	kW/kW	3.52	3.49	3.51	3.48
Ventilation	Air Flow Rate	1238		1292		
	Fan Quantity	8				
Sound	Sound Pressure Level	72	72	72	73	
Compressor	Type	Enhanced Vapor Injection Scroll Compressor				
	Compressor Quantity	8				
Refrigerant	Type	R410A				
	Pre-charged Amount	kg	10.60+10.60+10.60+11.50	10.60+10.60+10.60+11.50	10.60+10.60+11.50+11.50	10.60+10.60+11.50+11.50
Weight	Net Weight	kg	378+378+378+400	378+378+378+401	377+378+401+401	378+378+401+401
	Gross Weight	kg	402+402+402+426	402+402+402+427	401+402+427+427	402+402+427+427
Dimensions	External (H x W x D)	mm	1730 x (1350+1350+1350+1600) x 750		1730 x (1350+1350+1600+1600) x 750	
	Packing (H x W x D)	mm	1930 x (1420+1420+1420+1665) x 790		1930 x (1420+1420+1665+1665) x 790	
Cabinet Color	-	Ivory White				
Heat Pump Operation System	Gas	mm	$\phi$ 50.8			
		in.	2			
	Liquid	mm	$\phi$ 25.4			
		in.	1			
Heat Recovery Operation System	Low Pressure Gas Line	mm	$\phi$ 50.8			
		in.	2			
	High/Low Pressure Gas Line	mm	$\phi$ 44.5			
		in.	1-3/4			
	Liquid Line	mm	$\phi$ 25.4			
		in.	1			
Operation Range	Cooling	$^{\circ}$ C DB	-10-52			
	Heating	$^{\circ}$ C WB	-25-16.5			

Notes:

- Rated cooling capacity and rated heating capacity are tested in the following conditions:  
Cooling conditions: indoor air inlet temperature: 27 $^{\circ}$ C DB 19 $^{\circ}$ C WB, Outdoor air inlet temperature: 35 $^{\circ}$ C DB, pipe length: 7.5m, pipe height difference: 0m  
Heating conditions: indoor air inlet temperature: 20 $^{\circ}$ C DB, Outdoor air inlet temperature: 7 $^{\circ}$ C DB 6 $^{\circ}$ C WB, pipe length: 7.5m, pipe height difference: 0m
- The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
- The final appearance of outdoor units is subject to the actual products.

### HI-FLEXI S HEAT RECOVERY



HP		106HP	108HP	110HP	112HP	
Model	Model	AVWT-1026FKFSA	AVWT-1048FKFSA	AVWT-1066FKFSA	AVWT-1088FKFSA	
	Modules	AVWT-232FKFSA	AVWT-232FKFSA	AVWT-250FKFSA	AVWT-272FKFSA	
		AVWT-250FKFSA	AVWT-272FKFSA	AVWT-272FKFSA	AVWT-272FKFSA	
		AVWT-272FKFSA	AVWT-272FKFSA	AVWT-272FKFSA	AVWT-272FKFSA	
Power Supply		AC 3 $\phi$ , 380-415V/50Hz/60Hz				
Cooling	Capacity	kW	300.5	308.0	312.5	320.0
		kBtu/h	1025.3	1050.9	1066.3	1091.8
	Power Input	kW	90.99	93.33	94.63	96.97
	EER	kW/kW	3.30	3.30	3.30	3.30
Heating	Capacity	kW	335.0	345.0	350.0	360.0
		kBtu/h	1143.0	1177.1	1194.2	1228.3
	Power Input	kW	95.76	99.46	100.34	104.05
	COP	kW/kW	3.50	3.47	3.49	3.46
Ventilation	Air Flow Rate	1346		1400		
	Fan Quantity	8				
Sound	Sound Pressure Level	73				
Compressor	Type	Enhanced Vapor Injection Scroll Compressor				
	Compressor Quantity	8				
Refrigerant	Type	R410A				
	Pre-charged Amount	kg	10.60+11.50+11.50+11.50	10.60+11.50+11.50+11.50	11.50+11.50+11.50+11.50	11.50+11.50+11.50+11.50
Weight	Net Weight	kg	378+400+401+401	378+401+401+401	400+401+401+401	401+401+401+401
	Gross Weight	kg	402+426+427+427	402+427+427+427	426+427+427+427	427+427+427+427
Dimensions	External (H x W x D)	mm	1730 x (1350+1600+1600+1600) x 750		1730 x (1600+1600+1600+1600) x 750	
	Packing (H x W x D)	mm	1930 x (1420+1665+1665+1665) x 790		1930 x (1665+1665+1665+1665) x 790	
Cabinet Color	-	Ivory White				
Heat Pump Operation System	Gas	mm	$\phi$ 50.8			
		in.	2			
	Liquid	mm	$\phi$ 25.4			
		in.	1			
Heat Recovery Operation System	Low Pressure Gas Line	mm	$\phi$ 50.8			
		in.	2			
	High/Low Pressure Gas Line	mm	$\phi$ 44.5			
		in.	1-3/4			
	Liquid Line	mm	$\phi$ 25.4			
		in.	1			
Operation Range	Cooling	$^{\circ}$ C DB	-10-52			
	Heating	$^{\circ}$ C WB	-25-16.5			

Notes:

- Rated cooling capacity and rated heating capacity are tested in the following conditions:  
Cooling conditions: indoor air inlet temperature: 27 $^{\circ}$ C DB 19 $^{\circ}$ C WB, Outdoor air inlet temperature: 35 $^{\circ}$ C DB, pipe length: 7.5m, pipe height difference: 0m  
Heating conditions: indoor air inlet temperature: 20 $^{\circ}$ C DB, Outdoor air inlet temperature: 7 $^{\circ}$ C DB 6 $^{\circ}$ C WB, pipe length: 7.5m, pipe height difference: 0m
- The above noise values are measured in the anechoic chamber without reflected echo, therefore the impact of the reflected echo must be included at the scene.
- The final appearance of outdoor units is subject to the actual products.