

RFPL/W-/4H Series Return Air Condition

Model	Air flow (m ³ /h)	Rated cooling cap.	Rated heating cap.	Water flow (m ³ /h)	WaterD. P. (Kpa)	ESP (Pa)	Motor power (kW)	Noise dB(A)	Water pipe DN	Drain pipe DN
020	2000	10.5	17.2	1.8	9.8	220	0.55	54	40	25
030	3000	15.7	25.7	2.7	13.6	220	0.75	55	40	25
040	4000	20.9	34.3	3.6	22.4	220	1.1	56	40	25
050	5000	26.2	42.9	4.5	23.6	220	1.5	58	40	25
060	6000	31.4	51.5	5.4	27.8	250	2.2	58	40	25
070	7000	36.6	60.1	6.3	32.3	250	2.2	58	50	25
080	8000	41.9	68.7	7.2	48.1	270	2.2	58	50	25
090	9000	47.1	77.2	8.1	43.5	270	2.2	59	50	25
105	10500	52.3	85.8	9.0	62.1	270	3.0	60	50	25
120	12000	62.8	103.0	10.8	48.5	270	3.0	61	50	25
135	13500	70.6	115.8	12.2	22.3	320	4.0	64	65	32
150	15000	78.5	128.7	13.5	62.5	320	4.0	66	65	32
180	18000	94.2	154.5	16.2	32.5	320	5.5	68	65	32
210	21000	109.9	180.2	18.9	37.3	350	7.5	68	65	32
240	24000	125.6	206.0	21.6	65.6	350	7.5	70	65	40
270	27000	141.3	231.7	24.3	58.2	350	7.5	71	65	40
300	30000	157.0	257.4	27.0	60.4	420	11.0	72	65	40
330	33000	172.7	283.2	29.7	75.1	420	11.0	72	80	40
350	35000	183.1	300.3	31.5	86.4	450	11.0	74	80	40
400	40000	209.3	342.3	36.0	71.4	450	11.0	75	80	40
450	45000	235.5	386.2	40.5	75.3	450	15.0	76	80	40
500	50000	261.6	429.1	45.0	81.7	450	15.0	76	80	40
Note	1.Cooling conditions:inlet air DB27°C, WB19.5°C, inlet water temperature 7°C/12°C									
	2.Heating conditions:inlet air DB21°C, inlet water temperature 60°C/50°C									

RFPL/W-/4X Series Fresh Air Condition

Model	Air flow (m ³ /h)	Rated cooling cap.	Rated heating cap.	Water flow (m ³ /h)	WaterD. P. (Kpa)	ESP (Pa)	Motor power (kW)	Noise dB(A)	Water pipe DN	Drain pipe DN
020	2000	22.8	41.0	3.92	29	220	0.55	54	40	25
030	3000	34.2	61.5	5.88	32	220	0.75	55	40	25
040	4000	45.6	82.0	7.84	51	220	1.1	56	40	25
050	5000	57.0	102.5	9.8	53	220	1.5	58	40	25
060	6000	68.4	123.1	11.76	53	250	2.2	58	40	25
070	7000	79.8	143.6	13.72	56	250	2.2	58	50	25
080	8000	91.2	164.1	15.68	59	270	2.2	59	50	25
090	9000	102.6	184.6	17.64	63	270	2.2	63	50	25
105	10500	119.7	215.4	20.58	62.4	270	3.0	62.4	50	25
120	12000	136.7	246.1	23.52	65	270	3.0	65	50	25
135	13500	153.8	276.9	26.46	16.3	320	4.0	16.3	65	32
150	15000	170.9	307.7	29.94	16.4	320	4.0	16.4	65	32
180	18000	205.1	369.2	35.28	22	320	5.5	22	65	32
210	21000	239.3	430.7	41.16	28	350	7.5	28	65	32
240	24000	273.5	492.3	47.04	35	350	7.5	35	65	40
270	27000	307.7	553.8	52.92	41	350	7.5	41	65	40
300	30000	341.9	615.3	58.8	43	420	11.0	43	65	40
330	33000	376.0	676.9	64.68	61	420	11.0	61	80	40
350	35000	398.8	717.9	68.60	65	450	11.0	65	80	40
400	40000	455.8	820.5	78.4	42	450	11.0	42	80	40
450	45000	512.8	923.0	88.2	46	450	15.0	46	80	40
500	50000	569.8	1025.6	98.0	51	450	15.0	51	80	40
Note	1.Cooling conditions:inlet air DB27°C, WB19.5°C, inlet water temperature 7°C/12°C									
	2.Heating conditions:inlet air DB21°C, inlet water temperature 60°C/50°C									

RFPL/W-/6H Series Return Air Condition

Model	Air flow (m ³ /h)	Rated cooling cap. (kW)	Rated heating cap. (kW)	Water flow (m ³ /h)	Water D. P. (Kpa)	ESP (Pa)	Motor power (kW)	Noise dB(A)	Water pipe DN	Drain pipe DN
020	2000	15.1	24.8	2.60	22	220	0.55	54	40	25
030	3000	22.7	37.2	3.90	35	220	1.1	55	40	25
040	4000	30.2	49.6	5.20	46	220	1.1	56	40	25
050	5000	37.8	62.0	6.50	43	220	1.5	58	40	25
060	6000	45.3	74.4	7.80	54	250	2.2	58	40	25
070	7000	52.9	86.8	9.10	24	250	2.2	58	50	25
080	8000	60.5	99.2	10.40	35	270	2.2	58	50	25
090	9000	68.0	111.6	11.70	38	270	3.0	59	50	25
105	10500	79.4	130.2	13.65	43	270	3.0	60	50	25
120	12000	90.7	148.7	15.60	46	270	3.0	61	50	25
135	13500	102.0	167.3	17.55	48	320	4.0	64	65	32
150	15000	113.4	185.9	19.50	51	320	5.5	66	65	32
180	18000	136.0	223.1	23.40	23	320	5.5	68	65	32
210	21000	158.7	260.3	27.30	26	350	7.5	68	65	32
240	24000	181.4	297.5	31.20	35	350	7.5	70	65	40
270	27000	204.1	334.7	35.10	42	350	11.0	71	65	40
300	30000	226.7	371.9	39.0	44	420	11.0	72	65	40
330	33000	249.4	409.0	42.90	53	420	11.0	72	80	40
350	35000	264.5	433.8	45.50	63	450	11.0	74	80	40
400	40000	302.3	495.8	52.0	54	450	15.0	75	80	40
450	45000	340.1	557.8	58.50	61	450	15.0	76	80	40
500	50000	377.9	619.8	65.0	67	450	18.5	76	80	40
Note	1.Cooling conditions:inlet air DB27°C, WB19.5°C, inlet water temperature 7°C/12°C									

NOTE

2.Heating conditions:inlet air DB21°C, inlet water temperature 60°C/50°C

RFPL/W-/6X Series Fresh Air Condition

Model	Air flow (m ³ /h)	Rated cooling cap.	Rated heating cap.	Water flow (m ³ /h)	Water D.P. (Kpa)	ESP (Pa)	Motor power (kW)	Noise dB(A)	Water pipe DN	Drain pipe DN
020	2000	26.7	48.1	4.6	27	220	0.55	54	40	25
030	3000	40.1	72.2	6.9	31	220	1.1	55	40	25
040	4000	53.5	96.3	9.2	33.1	220	1.1	56	40	25
050	5000	66.9	120.3	11.5	30.2	220	1.5	58	40	25
060	6000	80.2	144.4	13.8	41.5	250	2.2	58	40	25
070	7000	93.6	168.5	16.1	48.1	250	2.2	58	50	25
080	8000	107.0	192.6	18.4	23.4	270	2.2	58	50	25
090	9000	120.3	216.6	20.7	21.6	270	3.0	59	50	25
105	10500	140.4	252.7	24.2	30.2	270	3.0	60	50	25
120	12000	160.5	288.8	27.6	42	270	3.0	61	50	25
135	13500	180.5	324.9	31.1	63	320	4.0	64	65	32
150	15000	200.6	361.0	34.5	71	320	5.5	66	65	32
180	18000	240.7	433.3	41.4	76	320	5.5	68	65	32
210	21000	280.8	505.5	48.3	79	350	7.5	68	65	32
240	24000	320.9	577.7	55.2	70	350	7.5	70	65	40
270	27000	361.0	649.9	62.1	73	350	11.0	71	65	40
300	30000	401.2	722.1	69.0	76	420	11.0	72	65	40
330	33000	441.3	794.3	75.9	95	420	11.0	72	80	40
350	35000	468.0	842.4	80.5	82	450	11.0	74	80	40
400	40000	534.9	962.8	92.0	81	450	15.0	75	80	40
450	45000	601.7	1083.1	103.5	92	450	15.0	76	80	40
500	50000	668.6	1203.5	115.0	94	450	18.5	76	80	40

Note	1.Cooling conditions:inlet air DB27°C, WB19.5°C, inlet water temperature 7°C/12°C
	2.Heating conditions:inlet air DB21°C, inlet water temperature 60°C/50°C

REPL/W-I	Rated Air Flow	Coil rows	Motor power corresponding to ESP											
			120	170	220	280	320	360	420	480	520	580	620	680
020	2000	4	0.55	0.55				0.75	0.75		-	-	-	-
		6	0.55	0.55			0.75	0.75	0.75	1.1	-	-	-	-
030	3000	4	0.55	0.75	0.75	0.75	1.1	1.1	1.1	1.1	-	-	-	-
		6	0.75	0.75	0.75	1.1	1.1	1.1	1.1	1.1	-	-	-	-
040	4000	4	1.1	1.1	1.1	1.1	1.1	1.5	1.5	1.5	-	-	-	-
		6	1.1	1.1	1.1	1.1	1.5	1.5	1.5	1.5	-	-	-	-
050	5000	4	1.1	1.1	1.1	1.5	1.5	1.5	2.2	2.2	-	-	-	-
		6	1.1	1.1	1.5	1.5	1.5	1.5	2.2	2.2	-	-	-	-
060	6000	4	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	-	-	-
		6	1.5	1.5	2.2	2.2	2.2	2.2	2.2	3.0	2.2	0.0	-	-
070	7000	4	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	3.0	3.0	-	-
		6	1.5	1.5	2.2	2.2	2.2	2.2	3.0	3.0	3.0	3.0	-	-
080	8000	4	2.2	2.2	2.2	2.2	2.2	2.2	3.0	3.0	3.0	3.0	-	-
		6	2.2	2.2	2.2	2.2	3.0	3.0	3.0	3.0	3.0	4.0	-	-
090	9000	4	2.2	2.2	2.2	2.2	3.0	3.0	3.0	3.0	4.0	4.0	-	-
		6	2.2	2.2	2.2	3.0	3.0	3.0	4.0	4.0	4.0	4.0	-	-
105	10500	4	2.2	3.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	-	-
		6	3.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	5.5	-	-
120	12000	4	2.2	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	5.5	-	-
		6	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	5.5	5.5	-	-
135	13500	4	3.0	3.0	3.0	4.0	4.0	4.0	5.5	5.5	5.5	5.5	-	-
		6	3.0	3.0	4.0	4.0	4.0	4.0	5.5	5.5	5.5	7.5	-	-
150	15000	4	3.0	4.0	4.0	4.0	5.5	5.5	5.5	5.5	5.5	7.5	-	-
		6	4.0	4.0	4.0	5.5	5.5	5.5	5.5	5.5	7.5	7.5	-	-
180	18000	4	4.0	4.0	5.5	5.5	5.5	5.5	7.5	7.5	7.5	7.5	-	-

100	10000	6	4.0	5.5	5.5	5.5	5.5	7.5	7.5	7.5			-	-
210	21000	4	5.5	5.5	5.5	7.5	7.5	7.5	7.5		1		-	-
		6	5.5	5.5	7.5	7.5	7.5	7.5					-	-
240	24000	4	5.5	5.5	5.5	7.5	7.5	7.5					-	-
		6	5.5	7.5	7.5	7.5	7.5	11.0					-	-
270	27000	4	7.5	7.5	7.5	7.5		11.0					15.0	
		6	7.5	7.5	7.5			11.0					15.0	
300	30000	4	7.5	11.0				11.0					15.0	
		6	11.0	11.0				11.0			15.0		15.0	
330	33000	4	7.5	7.5				11.0					15.0	
		6	11.0	11.0				15.0					15.0	
350	35000	4	7.5	7.5				11.0					15.0	15.0
		6	7.5	7.5				11.0					15.0	
400	40000	4	11.0	11.0				15.0					18.5	
		6	11.0	11.0				15.0					18.5	18.5
450	45000	4	15.0	15.0				15.0					22.0	
		6	15.0	15.0				18.5					22.0	
500	50000	4	15.0	15.0				18.5				-	-	-
		6	15.0	15.0				22.0			-	-	-	-