

## RFPD/4H Series Return Air Condition (Z-TYPE,J-TYPE)

Model RFPD/4 H	Air Flow (m <sup>3</sup> /h)	Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Motor power (KW)	Dimension			Weight (KG)	Noise dB(A)	Water pipe (DN)	Drain pipe (DN)
								L	W	H				
010	1000	5.1	10.2	0.88	4.2	60	0.25	850	600	520	56	57	32	25
015	1500	8.4	15.2	1.44	9	60	0.25	950	650	570	63	57	40	25
020	2000	11.7	21.4	2.01	10.8	60	0.25	1100	750	570	81	58	40	25
025	2500	14.7	25.4	2.53	17.6	90	0.37	1100	850	570	83	59	40	25
030	3000	17.9	31.5	3.08	32	150	0.55	1100	1000	570	102	60	40	25
040	4000	23.6	41.1	4.06	60	180	0.75	1100	1280	620	106	60	40	25
050	5000	28.6	51.3	4.92	40	200	0.45x2	1100	1500	620	132	61	40	25
060	6000	35	62	6.02	42	200	0.55X2	1100	1630	620	152	62	50	25
070	7000	41	71	7.05	56	250	0.75x2	1100	1730	680	210	63	50	25
080	8000	45.5	84.3	7.83	32	250	0.75X2	1100	1730	740	251	63	50	25
090	9000	53	92.5	9.12	36	250	0.75x2	1100	1830	740	282	65	50	25
105	10500	62.1	110	10.68	48	280	1.1x2	1200	2130	740	302	67	50	25
120	12000	71	133	12.21	62	280	1.1x2	1200	2130	840	307	67	50	25
135	13500	77	148	13.24	25.4	320	1.8x2	1200	2130	900	375	69	65	25
150	15000	86.5	153.5	14.88	26.4	320	2.2x2	1200	2130	970	386	70	65	25

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.

## RFPD/4X Series Fresh Air Condition (Z TYPE;J TYPE)

Model RFPD/4X	Air Flow (m <sup>3</sup> /h)	Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Motor power (KW)	Dimension			Weight (KG)	Noise dB(A)	Water pipe (DN)	Drain pipe (DN)
								L	W	H				
010	1000	14	13.5	2.41	16.3	60	0.25	850	600	520	56	57	32	25
015	1500	20.2	19.8	3.47	34	60	0.25	950	650	570	63	57	40	25
020	2000	27	26.6	6.64	45	60	0.25	1100	750	570	81	58	40	25
025	2500	31	31.6	5.33	26	90	0.37	1100	850	570	83	59	40	25
030	3000	40	41.8	6.88	47	150	0.55	1100	1000	570	102	60	40	25
040	4000	50	52	8.6	31	180	0.75	1100	1280	620	106	60	40	25
050	5000	65	64	11.18	63	200	0.45x2	1100	1500	620	132	61	40	25
060	6000	73	74.2	12.56	12	200	0.55x2	1100	1630	620	152	62	50	25
070	7000	84	85.5	14.45	16	250	0.75x2	1100	1730	680	210	63	50	25
080	8000	101	102.2	17.37	14.5	250	0.75X2	1100	1730	740	251	63	50	25
090	9000	113	114.2	19.44	18.6	250	0.75x2	1100	1830	740	282	65	50	25
105	10500	135	136	23.22	29	280	1.1X2	1200	2130	740	302	67	50	25
120	12000	151	154	25.97	19.6	280	1.1X2	1200	2130	840	307	67	50	25
135	13500	166	179	28.55	16.3	320	1.8X2	1200	2130	900	375	69	65	25
150	15000	185	202	31.82	18.2	320	2.2x2	1200	2130	970	386	70	65	25

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.

## RFPD/6H Series Return Air Condition (Z TYPE,J TYPE)

Model RFPD/6H	Air Flow (m <sup>3</sup> /h)	Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Motor power (KW)	Dimension			Weight (KG)	Noise dB(A)	Water pipe (DN)	Drain pipe (DN)
								L	W	H				
010	1000	7.5	12.9	1.29	9	60	0.25	850	600	520	56	57	32	25
015	1500	11.3	20.6	1.94	18.6	60	0.25	950	650	570	63	57	40	25
020	2000	15.1	26.7	2.6	26.3	60	0.25	1100	750	570	81	58	40	25
025	2500	18.6	31.6	3.2	37.6	90	0.37	1100	850	570	83	59	40	25
030	3000	22.3	38.5	3.84	25	150	0.55	1100	1000	570	102	60	40	25
040	4000	31.1	50.2	5.35	49.1	180	0.75	1100	1280	620	106	60	50	25
050	5000	36.2	62.3	6.23	32.6	200	0.55x2	1100	1500	620	132	61	50	25
060	6000	44.6	74	7.67	45.1	200	0.55x2	1100	1630	620	152	62	50	25
070	7000	50.4	85	8.67	60.3	250	0.75x2	1100	1730	680	210	63	50	25
080	8000	58.9	99.2	10.13	55.6	250	0.75x2	1100	1730	740	251	63	50	25
090	9000	65.3	112.6	11.23	24.5	250	1.1x2	1100	1830	740	282	65	50	25
105	10500	75.8	137.1	13.04	22	280	1.1x2	1200	2130	740	302	67	65	25
120	12000	86.8	162	14.93	24	280	1.5x2	1200	2130	840	307	67	65	25
135	13500	103.4	175.8	17.78	60	320	2.2x2	1200	2130	900	375	69	65	25
150	15000	109.1	186.2	18.77	62	320	2.2x2	1200	2130	970	386	70	65	25

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.

## RFPD/6X Series Fresh Air Condition (Z TYPE;J TYPE)

Model RFPD/6X	Air Flow (m <sup>3</sup> /h)	Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Motor power (KW)	Dimension			Weight (KG)	Noise dB(A)	Water pipe (DN)	Drain pipe (DN)
								L	W	H				
010	1000	16	15.6	2.75	19	60	0.25	850	600	520	56	57	32	25
015	1500	25	24.8	4.30	51	60	0.25	950	650	570	63	57	40	25
020	2000	32	32.3	5.50	51	60	0.25	1100	750	570	81	58	40	25
025	2500	41	41.3	7.05	37	90	0.37	1100	850	570	83	59	40	25
030	3000	46	45.2	7.91	51	150	0.55	1100	1000	570	102	60	40	25
040	4000	64	62	11.01	56	180	0.75	1100	1280	620	106	60	50	25
050	5000	75	76	12.9	38	200	0.55x2	1100	1500	620	132	61	50	25
060	6000	93	92	16.00	26	200	0.55x2	1100	1630	620	152	62	50	25
070	7000	106	105	18.23	36	250	0.75x2	1100	1730	680	210	63	50	25
080	8000	121	120	20.81	40	250	0.75x2	1100	1730	740	251	63	50	25
090	9000	138	136	23.74	56	250	1.1x2	1100	1830	740	282	65	50	25
105	10500	160	159	27.52	77	280	1.1x2	1200	2130	740	302	67	65	25
120	12000	182	182	31.82	85	280	1.5x2	1200	2130	840	307	67	65	25
135	13500	223	216	38.36	71	320	2.2x2	1200	2130	900	375	69	65	25
150	15000	245	241	42.14	93	320	2.2x2	1200	2130	970	386	70	65	25

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.

## RFPD/8H Series Return Air Condition (Z TYPE,J TYPE)

Model RFPD/8 H	Air Flow (m <sup>3</sup> /h)	Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Motor power (KW)	Dimension			Weight (KG)	Noise dB(A)	Water pipe (DN)	Drain pipe (DN)
								L	W	H				
010	1000	8.2	13.9	1.41	9	60	0.32	850	600	520	56	57	32	25
015	1500	13	21	2.24	18.6	60	0.32	950	650	570	63	57	40	25
020	2000	17	28	2.92	26.3	60	0.32	1100	750	570	81	58	40	25
025	2500	21	35	3.61	47	90	0.37	1100	850	570	83	59	40	25
030	3000	25	41	4.30	34	150	0.55	1100	1000	570	102	60	40	25
040	4000	35	55.3	6.02	65	180	0.75	1100	1280	620	106	60	50	25
050	5000	42	70	7.22	42	200	0.55x2	1100	1500	620	132	61	50	25
060	6000	50	83	8.60	30.6	200	0.75x2	1100	1630	620	152	62	50	25
070	7000	57	96	9.80	44	250	1.1X2	1100	1730	680	210	63	50	25
080	8000	63	107	10.84	46	250	1.1X2	1100	1730	740	251	63	50	25
090	9000	76	124	13.07	33	250	1.1X2	1100	1830	740	282	65	50	25
105	10500	84	142	14.45	42	280	1.5x2	1200	2130	740	302	67	65	25
120	12000	92	162	15.82	16	280	1.8x2	1200	2130	840	307	67	65	25
135	13500	116	190	19.95	45	320	2.2X2	1200	2130	900	375	69	65	25
150	15000	125	206	21.50	45	320	3x2	1200	2130	970	386	70	65	25

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.

## RFPD/8X Series Fresh Air Condition (Z TYPE;J TYPE)

Model RFPD/8X	Air Flow (m <sup>3</sup> /h)	Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Motor power (KW)	Dimension			Weight (KG)	Noise dB(A)	Water pipe (DN)	Drain pipe (DN)
								L	W	H				
010	1000	18.2	17.2	3.13	30	60	0.32	850	600	520	56	57	32	25
015	1500	27.2	26.1	4.68	46	60	0.32	950	650	570	63	57	40	25
020	2000	36.3	35.1	6.24	49	60	0.32	1100	750	570	81	58	40	25
025	2500	45.2	42.8	7.77	30	90	0.37	1100	850	570	83	59	40	25
030	3000	55.2	49.1	9.49	43	150	0.55	1100	1000	570	102	60	40	25
040	4000	71	65	12.21	46	180	0.75	1100	1280	620	106	60	50	25
050	5000	84.5	80.3	14.53	26	200	0.55x2	1100	1500	620	132	61	50	25
060	6000	106.1	99.2	18.25	27.2	200	0.75x2	1100	1630	620	152	62	50	25
070	7000	120.1	115.3	20.66	32.2	250	1.1x2	1100	1730	680	210	63	50	25
080	8000	138	131.4	23.74	36	250	1.1X2	1100	1730	740	251	63	50	25
090	9000	163	150	28.04	43	250	1.1X2	1100	1830	740	282	65	50	25
105	10500	185	171	31.82	55	280	1.5x2	1200	2130	740	302	67	65	25
120	12000	211	194	36.29	62	280	1.8x2	1200	2130	840	307	67	65	25
135	13500	252	231	43.34	58	320	2.2X2	1200	2130	900	375	69	65	25
150	15000	262	245	45.06	60	320	3X2	1200	2130	970	386	70	65	25

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.

## RFPD SERIES HEATING COIL SPECIFICATION (Z TYPE,J TYPE)

Model RFPD	Air Flow (m <sup>3</sup> /h)	Return Air Condition							Fresh Air Condition						
		1 row heating coil			2 rows heating coil			Water pipe (DN)	1 row heating coil			2 rows heating coil			Water pipe (DN)
		Rated heating cap. (kW)	Water flow (m <sup>3</sup> /h)	Water D.P. (kPa)	Rated heating cap. (kW)	Water flow (m <sup>3</sup> /h)	Water D.P. (kPa)		Rated heating cap. (kW)	Water flow (m <sup>3</sup> /h)	Water D.P. (kPa)	Rated heating cap. (kW)	Water flow (m <sup>3</sup> /h)	Water D.P. (kPa)	
10	1000	3	0.52	0.2	6.3	1.05	1	32	4.5	0.77	0.6	7.6	1.31	0.8	32
15	1500	4.4	0.76	0.2	10.2	1.75	2.2	40	6.1	1.05	0.7	11.9	2.05	2.3	40
20	2000	6.8	1.17	0.6	14.4	2.48	2.9	40	9.2	1.58	1.2	17.5	3.01	4.2	40
25	2500	8.5	1.46	0.8	17.8	3.06	3.1	40	11.3	1.94	1.2	22.1	3.8	4.7	40
30	3000	11.1	1.91	1.3	21.1	3.63	5.2	40	14.2	2.44	2.1	26.8	4.61	8.8	40
40	4000	15.1	2.6	1.4	28	4.82	6.8	40	19.11	3.29	2.3	34.7	5.97	10.1	40
50	5000	19.5	3.35	2.4	36.5	6.28	12	40	25.3	4.35	5.1	43.2	7.43	15.2	40
60	6000	23.3	4.01	3.1	42	7.22	14.9	40	31.1	5.35	5.1	51.8	8.91	18.8	40
70	7000	28.2	4.85	4.2	48.8	8.39	18.2	40	34.2	5.88	6.2	62.2	10.7	28.2	40
80	8000	32.1	5.52	3.8	56.7	9.75	18.6	40	41.1	7.07	7.4	71.4	12.28	26.1	40
60	9000	37.7	6.48	5.2	65.4	11.25	25.6	40	46.2	7.95	9.5	79.3	13.64	32.8	40
105	10500	44.2	7.6	8.5	78.1	13.43	33.4	40	53.3	9.17	12.8	95.2	16.37	42.3	40
120	12000	51.3	8.82	9.8	89.6	15.41	37.2	40	61.1	10.51	14.1	110.1	18.94	49.2	40
135	13500	57.2	9.84	9.8	99.7	17.15	38.2	40	68.2	11.73	15.4	121.5	20.9	49.6	40
150	15000	62.8	10.8	10.1	109.2	18.78	39.6	40	73.9	12.71	17.2	131.4	22.6	51.4	40

## RFPD/4SH Series Return Air Condition (Z TYPE;J TYPE)

Model RFPD/4SH	Air Flow (m <sup>3</sup> /h)	Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Dimension			Weight (KG)	Water pipe (DN)	Drain pipe (DN)
							L	W	H			
010	1000	5.1	10.2	0.88	3.0	0.18	1600	1000	630	76	40	25
015	1500	8.4	15.2	1.44	8.6	0.18	1600	1000	630	87	40	25
020	2000	11.7	21.4	2.01	10.8	0.32	1600	1200	650	102	40	25
025	2500	14.7	25.4	2.53	17.6	0.55	1600	1200	650	113	40	25
030	3000	17.9	31.5	3.08	32.0	1.1	1800	1400	650	120	40	25
040	4000	23.6	41.1	4.06	60.0	1.1	1800	1500	650	138	40	25
050	5000	28.6	51.3	4.92	40.0	1.5	1800	1800	680	166	40	25
060	6000	35	62	6.02	42.0	1.5	1800	1900	780	182	50	25
070	7000	41	71	7.05	56.0	1.5	1800	2000	780	240	50	25
080	8000	45.5	84.3	7.83	25.0	2.2	1800	2000	830	280	50	25
090	9000	53	92.5	9.12	34.0	2.2	1800	2500	830	325	50	25
105	10500	62.1	110	10.68	50.0	2.2	1900	2500	830	342	50	25
120	12000	71	133	12.21	28.0	4.0	1900	2500	830	357	50	25

NOTE:1. Cooling conditions: inlet air DB27°C, WB19.5°C, inlet water temperature 7°C/12°C.

2. Heating conditions: inlet air DB15°C, inlet water temperature 60°C



## RFPD/4SX Series Fresh Air Condition (Z TYPE;J TYPE)

Model RFPD/8X	Air Flow (m <sup>3</sup> /h)	Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Dimension			Weight (KG)	Water pipe (DN)	Drain pipe (DN)
							L	W	H			
010	1000	5.1	10.2	0.88	3.0	0.18	1600	1000	630	76	40	25
015	1500	8.4	15.2	1.44	8.6	0.18	1600	1000	630	87	40	25
020	2000	11.7	21.4	2.01	10.8	0.32	1600	1200	650	102	40	25
025	2500	14.7	25.4	2.53	17.6	0.55	1600	1200	650	113	40	25
030	3000	17.9	31.5	3.08	32.0	1.1	1800	1400	650	120	40	25
040	4000	23.6	41.1	4.06	60.0	1.1	1800	1500	650	138	40	25
050	5000	28.6	51.3	4.92	40.0	1.5	1800	1800	680	166	40	25
060	6000	35	62	6.02	42.0	1.5	1800	1900	780	182	50	25
070	7000	41	71	7.05	56.0	1.5	1800	2000	780	240	50	25
080	8000	45.5	84.3	7.83	25.0	2.2	1800	2000	830	280	50	25
090	9000	53	92.5	9.12	34.0	2.2	1800	2500	830	325	50	25
105	10500	62.1	110	10.68	50.0	2.2	1900	2500	830	342	50	25
120	12000	71	133	12.21	28.0	4.0	1900	2500	830	357	50	25

NOTE:1. Cooling conditions: inlet air DB27°C, WB19.5°C, inlet water temperature 7°C/12°C.

2. Heating conditions: inlet air DB15°C, inlet water temperature 60°C

## RFPD/4SX Series Fresh Air Condition (Z TYPE;J TYPE)

Model RFPD/8X	Air Flow (m <sup>3</sup> /h)	Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Dimension			Weight (KG)	Water pipe (DN)	Drain pipe (DN)
							L	W	H			
010	1000	14.2	14.3	2.44	3.0	0.18	1600	1000	630	76	40	25
015	1500	20.2	21.1	3.47	8.6	0.18	1600	1000	630	87	40	25
020	2000	27.7	28.8	4.76	10.8	0.32	1600	1200	650	102	40	25
025	2500	36.2	37.6	6.23	17.6	0.55	1600	1200	650	113	40	25
030	3000	41.1	42.6	7.07	32.0	1.1	1800	1400	650	120	40	25
040	4000	51.1	53.4	8.79	60.0	1.1	1800	1500	650	138	40	25
050	5000	65.5	66.2	11.27	40.0	1.5	1800	1800	680	166	40	25
060	6000	73.6	78.8	12.66	42.0	1.5	1800	1900	780	182	50	25
070	7000	85.2	89.6	14.65	56.0	1.5	1800	2000	780	240	50	25
080	8000	102.3	105.5	17.60	25.0	2.2	1800	2000	830	280	50	25
090	9000	116.2	115.4	19.99	34.0	2.2	1800	2500	830	325	50	25
105	10500	131.2	132.1	22.57	50.0	2.2	1900	2500	830	342	50	25
120	12000	150.6	157.6	25.90	28.0	4.0	1900	2500	830	357	50	25

NOTE:1. Cooling conditions: inlet air DB27°C, WB19.5°C, inlet water temperature 7°C/12°C.

2. Heating conditions: inlet air DB15°C, inlet water temperature 60°C

## RFPD/6SH Series Return Air Condition (Z TYPE;J TYPE)

Model RFPD/8X	Air Flow (m <sup>3</sup> /h)	Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Dimension			Weight (KG)	Water pipe (DN)	Drain pipe (DN)
							L	W	H			
010	1000	7.2	13.2	1.24	3.0	0.25	1600	1000	630	83	40	25
015	1500	12.2	22.9	2.10	8.6	0.25	1600	1000	630	96	40	25
020	2000	15	27.6	2.58	10.8	0.45	1600	1200	650	112	40	25
025	2500	19.2	33.7	3.30	17.6	0.45	1600	1200	650	126	40	25
030	3000	23.3	38.3	4.01	32.0	1.1	1800	1400	650	131	40	25
040	4000	31.3	51.1	5.38	60.0	1.1	1800	1500	650	150	40	25
050	5000	36.1	63.2	6.21	40.0	1.5	1800	1800	680	179	50	25
060	6000	44.6	75.5	7.67	42.0	2.2	1800	1900	780	204	50	25
070	7000	50.5	87.3	8.69	56.0	2.2	1800	2000	780	252	50	25
080	8000	58.3	101.1	10.03	25.0	3.0	1800	2000	830	304	50	25
090	9000	66.4	112.3	11.42	34.0	3.0	1800	2500	830	345	50	25
105	10500	76.8	137.2	13.21	50.0	4.0	1900	2500	830	356	65	25
120	12000	87.2	165.2	15.00	28.0	4.0	1900	2500	830	367	65	25

NOTE:1. Cooling conditions: inlet air DB27°C, WB19.5°C, inlet water temperature 7°C/12°C.

2. Heating conditions: inlet air DB15°C, inlet water temperature 60°C

## RFPD/6SH Series Fresh Air Condition (Z TYPE;J TYPE)

Model RFPD/8X	Air Flow (m <sup>3</sup> /h)	Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Dimension			Weight (KG)	Water pipe (DN)	Drain pipe (DN)
							L	W	H			
010	1000	16.2	16.4	2.79	3.0	0.25	1600	1000	630	83	40	25
015	1500	21.3	22.9	3.66	8.6	0.25	1600	1000	630	96	40	25
020	2000	32	33.1	5.50	10.8	0.45	1600	1200	650	112	40	25
025	2500	38.7	39.2	6.66	17.6	0.45	1600	1200	650	126	40	25
030	3000	46.3	47	7.96	32.0	1.1	1800	1400	650	131	40	25
040	4000	65.3	66.1	11.23	60.0	1.1	1800	1500	650	150	40	25
050	5000	77.4	77.9	13.31	40.0	1.5	1800	1800	680	179	50	25
060	6000	93.3	92.2	16.05	42.0	2.2	1800	1900	780	204	50	25
070	7000	108.6	109.2	18.68	56.0	2.2	1800	2000	780	252	50	25
080	8000	122.6	122.2	21.09	25.0	3.0	1800	2000	830	304	50	25
090	9000	140.1	141.3	24.10	34.0	3.0	1800	2500	830	345	50	25
105	10500	163.2	162.4	28.07	50.0	4.0	1900	2500	830	356	65	25
120	12000	188.8	187.5	32.47	28.0	4.0	1900	2500	830	367	65	25

NOTE:1. Cooling conditions: inlet air DB27°C, WB19.5°C, inlet water temperature 7°C/12°C.

2. Heating conditions: inlet air DB15°C, inlet water temperature 60°C

## RFPD/4TH VARIABLE Speed Series Return Air Condition

Model RFPD/4T H	Air Flow (m <sup>3</sup> /h)		Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Dimension			Water pipe (DN)	Drain pipe (DN)	Weigh t (Kg)	Motor Power (Kg)	Noise dB(A)	Rate d Curre nt (A)	Power suppl y					
								L	W	H												
010	H	1000	6.2	11.3	1.1	21.9	140	1050	1000	560	40	25	58	0.35	52	1.4	AC22 0V 50HZ					
	M	850	5.1	9.1	0.9	16.9	110															
	L	580	4.4	6.9	0.8	13.0	90															
015	H	1500	8.4	15.2	1.4	42.7	140	1050	1000	560	40	25	60	0.45	52	1.7		AC22 0V 50HZ				
	M	1300	6.9	13.1	1.2	32.9	110															
	L	860	5.7	10.2	1.0	25.3	90															
020	H	2000	12.9	22.3	2.2	47.7	140	1050	1100	620	40	25	80	0.5	54	3.2			AC22 0V 50HZ			
	M	1800	11.1	19.6	1.9	36.7	110															
	L	1200	8.8	15.2	1.5	28.3	90															
025	H	2500	14.4	26.5	2.5	51.5	190	1200	1100	620	40	25	85	0.7	55	3.5				AC22 0V 50HZ		
	M	2200	12.1	22.4	2.1	39.7	150															
	L	1520	10.1	17.1	1.7	30.5	120															
030	H	3000	16.8	30.2	2.9	13.1	190	1200	1250	620	40	25	95	0.7	57	3.5					AC22 0V 50HZ	
	M	2600	14.0	26.1	2.4	10.1	150															
	L	1800	11.4	20.4	2.0	7.8	120															
040	H	4000	23.2	39.2	4.0	23.6	160	1200	1450	620	40	25	105	1.0	58	5.0						AC22 0V 50HZ
	M	3500	19.1	34.5	3.3	18.2	130															
	L	2400	16.1	25.9	2.8	14.0	100															
050	H	5000	31.2	51.2	5.4	43.5	160	1200	1800	620	40	25	136	1.4	60	7.0	AC22 0V 50HZ					
	M	4300	26.1	43.2	4.5	33.5	130															
	L	3000	21.3	33.5	3.7	25.8	100															
060	H	6000	37.2	60.1	6.4	49.6	220	1200	1800	700	40	25	152	2.3	62	9.0		AC22 0V 50HZ				
	M	5000	30.4	51.6	5.2	38.2	175															
	L	3500	25.1	39.4	4.3	29.4	140															
070	H	7000	43.3	71.6	7.4	47.7	260	1200	1900	800	50	25	158	2.7	62	12			AC22 0V 50HZ			
	M	6000	36.7	62.8	6.3	36.7	210															
	L	4200	30.5	46.8	5.2	28.3	165															

NOTE:1. Cooling conditions: inlet air DB35°C, WB28°C, inlet water temperature 7°C/12°C.  
2. Heating conditions: inlet air DB7°C, inlet water temperature 60°C

## RFPD/4TH VARIABLE Speed Series Fresh Air Condition

Model RFPD/4T H	Air Flow (m³/h)		Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m³/h)	Water D.P. (kpa)	ESP (pa)	Dimension			Water pipe (DN)	Drain pipe (DN)	Weight (Kg)	Motor Power (Kg)	Noise dB(A)	Rated Current (A)	Power supply						
								L	W	H													
010	H	1000	14.7	12.9	2.5	20.0	140	1050	1000	560	50	25	58	0.35	52	1.4	AC220 V 50HZ						
	M	850	12.1	11.2	2.1	15.4	110																
	L	580	10.0	8.2	1.7	11.9	90																
015	H	1500	19.5	17.5	3.4	33.3	140	1050	1000	560	50	25	60	0.45	52	1.7		AC220 V 50HZ					
	M	1300	16.1	15.3	2.8	25.6	110																
	L	860	13.3	11.3	2.3	19.7	90																
020	H	2000	28.7	25.8	4.9	27.9	140	1050	1100	620	50	25	80	0.5	54	3.2			AC220 V 50HZ				
	M	1800	23.7	22.1	4.1	21.5	110																
	L	1200	19.5	16.3	3.4	16.5	90																
025	H	2500	33.8	30.5	5.8	39.2	190	1200	1100	620	50	25	85	0.7	55	3.5				AC220 V 50HZ			
	M	2200	27.9	26.4	4.8	30.2	150																
	L	1520	23.0	19.6	4.0	23.2	120																
030	H	3000	41.8	37.2	7.2	51.3	190	1200	1250	620	50	25	95	0.7	57	3.5					AC220 V 50HZ		
	M	2600	34.5	32.2	5.9	39.5	150																
	L	1800	28.5	23.8	4.9	30.4	120																
040	H	4000	49.9	47.0	8.6	15.7	160	1200	1450	620	50	25	105	1.0	58	5.0						AC220 V 50HZ	
	M	3500	41.2	40.8	7.1	12.1	130																
	L	2400	34.0	30.4	5.8	9.3	100																
050	H	5000	65.8	60.3	11.3	26.9	160	1200	1800	620	50	25	136	1.4	60	7.0							AC220 V 50HZ
	M	4300	54.3	52.3	9.3	20.7	130																
	L	3000	44.8	38.8	7.7	15.9	100																
060	H	6000	78.0	71.5	13.4	30.8	220	1200	1800	700	50	25	152	2.3	62	9.0	AC220 V 50HZ						
	M	5000	64.4	62.0	11.1	23.7	175																
	L	3500	53.1	46.1	9.1	18.3	140																
070	H	7000	91.9	84.9	15.8	28.7	260	1200	1900	800	65	25	158	2.7	62	12		AC220 V 50HZ					
	M	6000	75.8	73.5	13.0	22.1	210																
	L	4200	62.5	54.6	10.8	17.0	165																

NOTE:1. Cooling conditions: inlet air DB35°C, WB28°C, inlet water temperature 7°C/12°C.  
2. Heating conditions: inlet air DB7°C, inlet water temperature 60°C



## RFPD/6TH VARIABLE Speed Series Return Air Condition

Model RFPD/4T H	Air Flow (m <sup>3</sup> /h)		Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kpa)	ESP (pa)	Dimension			Water pipe (DN)	Drain pipe (DN)	Weight (Kg)	Motor Power (Kg)	Noise dB(A)	Rated Current (A)	Power supply
								L	W	H							
010	H	1000	8.1	12.6	1.4	58.5	80	1050	1000	560	40	25	60	0.35	52	1.4	AC220 V 50HZ
	M	850	6.7	10.7	1.2	45.0	65										
	L	580	5.5	7.7	0.9	34.7	50										
015	H	1500	9.8	17.0	1.7	13.5	80	1050	1000	560	40	25	63	0.45	52	1.7	
	M	1300	8.1	14.6	1.4	10.4	65										
	L	860	6.7	10.6	1.2	8.0	50										
020	H	2000	14.6	24.4	2.5	13.3	80	1050	1100	620	40	25	85	0.5	54	3.2	
	M	1800	12.0	21.0	2.1	10.2	65										
	L	1200	9.9	15.2	1.7	7.9	50										
025	H	2500	17.4	29.2	3.0	18.2	130	1200	1100	620	40	25	88	0.7	55	3.5	
	M	2200	14.4	25.1	2.5	14.0	105										
	L	1520	11.8	18.4	2.0	10.8	85										
030	H	3000	22.0	35.9	3.8	30.5	130	1200	1250	620	40	25	100	0.7	57	3.5	
	M	2600	18.2	30.7	3.1	23.5	105										
	L	1800	15.0	22.2	2.6	18.1	85										
040	H	4000	29.3	47.0	5.0	55.7	100	1200	1450	620	40	25	108	1.0	58	5.0	
	M	3500	24.3	40.4	4.2	42.9	80										
	L	2400	19.9	29.5	3.4	33.0	65										
050	H	5000	36.6	59.2	6.3	33.3	100	1200	1800	620	40	25	140	1.4	60	7.0	
	M	4300	30.2	50.4	5.2	25.6	80										
	L	3000	24.9	37.0	4.3	19.7	65										
060	H	6000	43.7	70.2	7.5	45.3	160	1200	1800	700	40	25	155	2.3	62	9.0	
	M	5000	36.1	60.0	6.2	34.9	130										
	L	3500	29.7	43.9	5.1	26.9	105										
070	H	7000	50.1	82.8	8.6	32.9	200	1200	1900	800	50	25	163	2.7	62	12	
	M	6000	41.3	70.9	7.1	25.3	160										
	L	4200	34.1	51.7	5.9	19.5	130										

NOTE:1. Cooling conditions: inlet air DB35°C, WB28°C, inlet water temperature 7°C/12°C.  
2. Heating conditions: inlet air DB7°C, inlet water temperature 60°C

## RFPD/6TH VARIABLE Speed Series Return Air Condition

Model RFPD/4T H	Air Flow (m³/h)		Rated cooling cap. (KW)	Rated heating cap. (KW)	Water Flow (m³/h)	Water D.P. (kpa)	ESP (pa)	Dimension			Water pipe (DN)	Drain pipe (DN)	Weight (Kg)	Motor Power (Kg)	Noise dB(A)	Rated Current (A)	Power supply						
								L	W	H													
010	H	1000	19.1	17.1	3.3	13.6	80	1050	1000	560	50	25	60	0.35	52	1.4	AC220 V 50HZ						
	M	850	15.8	14.4	2.7	10.5	65																
	L	580	13.0	10.0	2.2	8.1	50																
015	H	1500	27.1	24.9	4.7	27.7	80	1050	1000	560	50	25	63	0.45	52	1.7		AC220 V 50HZ					
	M	1300	22.4	21.0	3.9	21.3	65																
	L	860	18.4	14.8	3.2	16.4	50																
020	H	2000	35.7	32.3	6.1	34.8	80	1050	1100	620	50	25	85	0.5	54	3.2			AC220 V 50HZ				
	M	1800	29.4	27.5	5.1	26.8	65																
	L	1200	24.3	19.4	4.2	20.6	50																
025	H	2500	43.4	39.3	7.5	47.4	130	1200	1100	620	50	25	88	0.7	55	3.5				AC220 V 50HZ			
	M	2200	35.8	33.4	6.2	36.5	105																
	L	1520	29.5	23.8	5.1	28.1	85																
030	H	3000	51.2	47.4	8.8	56.1	130	1200	1250	620	50	25	100	0.7	57	3.5					AC220 V 50HZ		
	M	2600	42.3	40.4	7.3	43.2	105																
	L	1800	34.9	28.7	6.0	33.3	85																
040	H	4000	67.4	63.5	11.6	54.5	100	1200	1450	620	50	25	108	1.0	58	5.0						AC220 V 50HZ	
	M	3500	54.4	53.9	9.4	37.7	80																
	L	2400	44.9	38.2	7.7	29.0	65																
050	H	5000	81.5	80.0	14.0	47.2	100	1200	1800	620	50	25	140	1.4	60	7.0							AC220 V 50HZ
	M	4300	67.3	67.9	11.6	36.3	80																
	L	3000	55.5	48.2	9.5	28.0	65																
060	H	6000	97.5	95.3	16.8	36.9	160	1200	1800	700	50	25	155	2.3	62	9.0	AC220 V 50HZ						
	M	5000	80.5	81.2	13.8	28.4	130																
	L	3500	66.4	57.6	11.4	21.9	105																
070	H	7000	113	110	19.5	40.7	200	1200	1900	800	65	25	163	2.7	62	12.0		AC220 V 50HZ					
	M	6000	93.3	93.5	16.0	31.3	160																
	L	4200	77.0	66.6	13.2	24.1	130																

NOTE: 1. Cooling conditions: inlet air DB35°C, WB28°C, inlet water temperature 7°C/12°C.  
2. Heating conditions: inlet air DB7°C, inlet water temperature 60°C

## RFPD/T Series 1 Row Heating Coil Specification (High Pressure Type)

Model RFPD/4TH	Air Flow (m <sup>3</sup> /h)		Return Air Condition				Fresh Air Condition			
			Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kPa)	ESP (pa)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kPa)	ESP (pa)
010	H	1000	3.7	0.6	0.31	50	5.3	0.9	1.2	110
	M	850	3.6			32	5.2			80
	L	580	3.2			26	4.9			60
015	H	1500	4.6	0.8	0.54	50	6.5	1.1	2	110
	M	1300	4.3			32	5.9			80
	L	860	3.7			26	5.1			60
020	H	2000	7.9	1.4	0.84	50	10.1	1.7	3.2	110
	M	1800	7.3			32	9.2			80
	L	1200	6.4			26	7.9			60
025	H	2500	8.6	1.5	1.2	100	11.1	1.9	4.3	160
	M	2200	7.9			73	10.4			120
	L	1520	6.7			56	9.2			90
030	H	3000	11.3	1.9	2	100	14.2	2.4	7.1	160
	M	2600	10.4			73	13.1			120
	L	1800	9.2			56	11.2			90
040	H	4000	14.8	2.5	3.4	70	17.9	3.1	10.7	130
	M	3500	12.9			55	16.4			100
	L	2400	11.6			40	4.3			70
050	H	5000	19.1	3.3	6.5	70	23.6	4.1	20.6	130
	M	4300	17.5			55	21.7			100
	L	3000	14.6			40	18.1			70
060	H	6000	22.4	3.9	7.3	70	27.6	4.7	20.9	190
	M	5000	20.9			55	25.4			145
	L	3500	17.4			40	21.3			110
070	H	7000	26.7	4.6	8.6	165	32.8	5.6	21.5	230
	M	6000	24.1			180	29.4			180
	L	4200	20.1			135	24.3			135

NOTE:1. Cooling conditions: inlet air DB27°C, WB19.5°C, inlet water temperature 7°C/12°C.  
2. Heating conditions: inlet air DB15°C, inlet water temperature 60°C

## RFPD/T Series 1 Row Heating Coil Specification (Normal Pressure Type)

Model RFPD/4TH	Air Flow (m <sup>3</sup> /h)		Return Air Condition				Fresh Air Condition			
			Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kPa)	ESP (pa)	Rated heating cap. (KW)	Water Flow (m <sup>3</sup> /h)	Water D.P. (kPa)	ESP (pa)
010	H	1000	3.7	0.6	0.31	50	5.3	0.9	1.2	50
	M	850	3.6			32	5.2			32
	L	580	3.2			26	4.9			26
015	H	1500	4.6	0.8	0.54	50	6.5	1.1	2.0	50
	M	1300	4.3			32	5.9			32
	L	860	3.7			26	5.1			26
020	H	2000	7.9	1.4	0.84	50	10.1	1.7	3.2	50
	M	1800	7.3			32	9.2			32
	L	1200	6.4			26	7.9			26
025	H	2500	8.6	1.5	1.2	100	11.1	1.9	4.3	100
	M	2200	7.9			73	10.4			73
	L	1520	6.7			56	9.2			56
030	H	3000	11.3	1.9	2	100	14.2	2.4	7.1	100
	M	2600	10.4			73	13.1			73
	L	1800	9.2			56	11.2			56
040	H	4000	14.8	2.5	3.4	70	17.9	3.1	10.7	70
	M	3500	12.9			55	16.4			55
	L	2400	11.6			40	4.3			40
050	H	5000	19.1	3.3	6.5	70	23.6	4.1	20.6	70
	M	4300	17.5			55	21.7			55
	L	3000	14.6			40	18.1			40
060	H	6000	22.4	3.9	7.3	70	27.6	4.7	20.9	70
	M	5000	20.9			55	25.4			55
	L	3500	17.4			40	21.3			40
070	H	7000	26.7	4.6	8.6	165	32.8	5.6	21.5	165
	M	6000	24.8			125	30.1			125
	L	4200	20.7			110	25.4			110

NOTE:1. Cooling conditions: inlet air DB27°C, WB19.5°C, inlet water temperature 7°C/12°C.  
2. Heating conditions: inlet air DB15°C, inlet water temperature 60°C