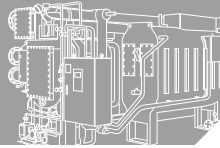


Specifications

WCMW Series



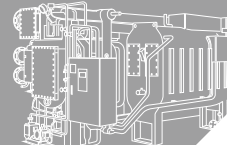
| Single Effect Hot Water Fired Absorption Chiller |

ITEM	MEASURE	WCMW003	WCMW004	WCMW005	WCMW007	WCMW008	WCMW010
Cooling Capacity	usRT	28	30	38	40	47	50
	kW	98	105	134	141	165	176
Chilled Water Data	Temperature	12-7	13-8	12-7	13-8	12-7	13-8
	Water Flow rate	17.1	18.1	22.8	24.2	28.5	30.2
	Pressure Drop	2.2	2.5	2.9	3.3	5.3	6.0
	Connection size	A	65	65	65	65	80
Cooling Water Data	Temperature	31 → 36.5					
	Water Flow rate	37.4	39.4	49.8	52.5	62.3	65.7
	Pressure Drop	2.5	2.8	3.6	4.0	6.3	7.0
	Connection size	A	80	80	80	80	125
Hot Water Circuit	Temperature	95 → 80					
	Water Flow rate	8.0	8.4	10.7	11.2	13.4	14.0
	Pressure Drop	1.1	1.2	1.2	1.3	2.6	2.9
	Connection size	A	40	40	40	65	65
Electrical Data	Connection size of Control valve	A	40	40	40	40	50
	Source	3ø 220 / 380 / 440					
	Total Current	A	7.2	7.2	7.2	7.2	8.3
	Wire Size	mm ²	4	4	4	4	4
	Power	kVA	4.7	4.7	4.7	4.7	5.4
	Absorbent Pump No.1	kW(A)	1.2(4.1)	1.2(4.1)	1.2(4.1)	1.2(4.1)	2.0(5.2)
	Absorbent Pump No.2	kW(A)	n/a	n/a	n/a	n/a	n/a
	Refrigerant Pump	kW(A)	0.2(1.1)	0.2(1.1)	0.2(1.1)	0.2(1.1)	0.2(1.1)
	Purge Pump	kW(A)	0.4(1.45)	0.4(1.45)	0.4(1.45)	0.4(1.45)	0.4(1.45)
	Dimension	Length	mm	2,020	2,020	2,020	2,520
Width		mm	1,394	1,394	1,396	1,396	1,355
Height		mm	1,952	1,952	1,965	1,965	2,150
Rigging	Operating	ton	2.1	2.1	2.3	2.3	2.7
	Total Shipping	ton	1.8	1.8	1.9	1.9	2.3
Clearance For Tube Removal	mm	2,000	2,000	2,000	2,000	2,400	2,400

1. 1usRT =3.52kW(3.024kcal/h)
 2. Standard Tube and Water Side Pressure(Chilled & Cooled Water Circuit): 8kgf/cm² [785kPa]
 3. Currents & Electricity Consumptions are based on 3Ph/380V/60Hz
 4. Alternate cooling water temperature range available upon request.
 5. Specifications is subject to change without prior notice
 6. For other than above this table, contact nearest LG Electronics office.

Specifications

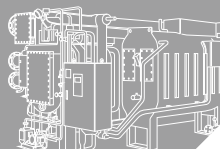
WCMW Series



WCMW012	WCMW014	WCMW016	WCMW019	WCMW021	WCMW024	WCMW027
113	120	132	140	151	160	179
179	190	198	210	226	240	254
397	422	464	422	531	563	629
12-7	13-8	12-7	13-8	12-7	13-8	12-7
68.3	72.6	79.7	72.6	91.1	96.8	108.2
5.8	6.5	6.0	6.5	6.4	7.2	5.9
100	100	100	100	100	100	125
31 → 36.5						
149.5	157.6	174.4	157.6	199.4	210.2	236.8
5.1	5.7	3.6	5.7	4.1	4.6	7.3
125	125	150	125	150	200	200
95 → 80						
32.0	33.6	37.4	33.6	42.7	44.8	50.7
2.2	2.4	2.2	2.4	2.4	2.6	4.4
80	80	80	80	80	80	100
80	80	80	80	80	80	100
3ø 220 / 380 / 440						
8.3	8.3	8.3	8.3	8.3	8.3	8.3
4	4	4	4	4	4	4
5.4	5.4	5.4	5.4	5.4	5.4	5.4
2.0(5.2)	2.0(5.2)	2.0(5.2)	2.0(5.2)	2.0(5.2)	2.0(5.2)	2.0(5.2)
n/a	n/a	n/a	n/a	n/a	n/a	n/a
0.2(1.1)	0.2(1.1)	0.2(1.1)	0.2(1.1)	0.2(1.1)	0.2(1.1)	0.2(1.1)
0.4(1.45)	0.4(1.45)	0.4(1.45)	0.4(1.45)	0.4(1.45)	0.4(1.45)	0.4(1.45)
3.567	3.567	3.627	3.567	3.627	3.627	4.630
1.355	1.355	1.526	1.355	1.526	1.526	1.526
2,150	2,150	2,330	2,150	2,330	2,330	2,330
5.7	5.7	6.9	5.7	7.2	7.2	8.4
4.9	4.9	5.8	4.9	6.1	6.1	7.1
3,400	3,400	3,400	3,400	3,400	3,400	4,500

Specifications

WCMW Series



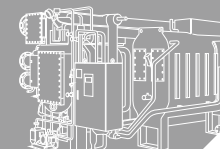
| Single Effect Hot Water Fired Absorption Chiller |

ITEM	MEASURE	WCMW031	WCMW034	WCMW038	WCMW043	WCMW048	WCMW054
Cooling Capacity	usRT	292	310	320	340	358	380
	kW	1,027	1,090	1,125	1,196	1,259	1,336
Chilled Water Data	Temperature	12-7	13-8	12-7	13-8	12-7	13-8
	Water Flow rate	176.6	187.5	193.7	205.6	216.4	229.8
	Pressure Drop	6.6	7.4	6.4	7.2	5.8	6.5
	Connection size	A	150	150	150	200	200
Cooling Water Data	Temperature	31 → 36.5					
	Water Flow rate	386.3	407.2	446.6	446.6	473.5	499.1
	Pressure Drop	7.2	8.0	8.6	8.6	5.8	6.4
	Connection size	A	250	250	250	300	300
Hot Water Circuit	Temperature	95 → 80					
	Water Flow rate	82.8	86.8	95.2	95.2	101.5	106.4
	Pressure Drop	4.4	4.8	4.8	4.8	2.0	2.2
	Connection size	A	125	125	125	150	150
Electrical Data	Source	3ø 220 / 380 / 440					
	Total Current	8.9	8.9	8.9	8.9	19.9	19.9
	Wire Size	4	4	4	4	6	6
	Power	5.8	5.8	5.8	5.8	13.1	13.1
Absorbent Pump No.1	kW(A)	2.2(5.5)	2.2(5.5)	2.2(5.5)	2.2(5.5)	3.0(11.0)	3.0(11.0)
	kW(A)	n/a	n/a	n/a	n/a	2.0(5.2)	2.0(5.2)
	kW(A)	0.4(1.4)	0.4(1.4)	0.4(1.4)	0.4(1.4)	0.4(1.4)	0.4(1.4)
	kW(A)	0.4(1.45)	0.4(1.45)	0.4(1.45)	0.4(1.45)	0.4(1.45)	0.4(1.45)
Dimension	Length	4,789	4,789	4,789	4,789	4,931	4,931
	Width	1,702	1,702	1,702	1,702	2,015	2,015
	Height	2,886	2,886	2,886	2,886	3,260	3,260
	Operating	13.4	13.4	14.0	14.0	19.3	19.3
Rigging	Total Shipping	11.2	11.2	11.7	11.7	16.2	16.2
	Clearance For Tube Removal	2,000	2,000	2,000	2,000	4,600	4,600

1. 1 usRT = 3.52kW(3.024kcal/h)
 2. Standard Tube and Water Side Pressure(Chilled & Cooled Water Circuit): 8kgf/cm² [785kPa]
 3. Currents & Electricity Consumptions are based on 3Ph/380V/60Hz
 4. Alternate cooling water temperature range available upon request.
 5. Specifications is subject to change without prior notice.
 6. For other than above this table, contact nearest LG Electronics office.

Specifications

WCMW Series



WCMW060	WCMW067	WCMW074	WCMW081	WCMW088	WCMW095	WCMW102
565	600	631	670	697	740	763
1,987	2,110	2,219	2,356	2,451	2,602	2,683
12-7	13-8	12-7	13-8	12-7	13-8	12-7
341.7	362.9	381.6	405.2	421.5	447.6	461.4
8.0	9.0	10.6	11.9	7.9	8.9	10.1
200	200	200	200	250	250	250
31 → 36.5						
747.6	788.1	834.9	880	922.1	972	1,009
7.7	8.5	10.0	11.1	6.2	6.9	7.7
350	350	350	350	400	400	400
95 → 80						
160.2	168	178.9	187.6	197.6	207.2	216.3
3.4	3.7	4.5	4.9	1.3	1.4	1.6
200	200	200	200	200	200	200
150	150	150	150	200	200	200
3ø 220 / 380 / 440						
21.4	21.4	26.4	26.4	44.2	44.2	44.2
6	6	10	10	16	16	16
14.1	14.1	17.3	17.3	29.1	29.1	29.1
3.0(11.0)	3.0(11.0)	4.5(16.0)	4.5(16.0)	4.5(16.0)	4.5(16.0)	4.5(16.0)
2.2(6.7)	2.2(6.7)	2.2(6.7)	2.2(6.7)	5.5(21.0)	5.5(21.0)	5.5(21.0)
0.4(1.4)	0.4(1.4)	0.4(1.4)	0.4(1.4)	1.5(3.9)	1.5(3.9)	1.5(3.9)
0.4(1.45)	0.4(1.45)	0.4(1.45)	0.4(1.45)	0.75(2.5)	0.75(2.5)	0.75(2.5)
6,114	6,114	6,639	6,639	6,346	6,346	6,871
2,195	2,195	2,195	2,195	2,680	2,680	2,680
3,680	3,680	3,680	3,680	3,920	3,920	3,920
29.5	29.5	31.7	31.7	35.7	35.7	38.2
24.4	24.4	26.3	26.3	30.1	30.1	32.3
5,700	5,700	6,200	6,200	5,800	5,800	6,300