

## Yuelly heat pump test report

Test Time	2012-05-25-10:58:21	Model	YHE-16BS	Rated Heating Capacity	16.00 kW
Run Time	80m	Serial Number		Rated Water Production	2.75 m3/h
Tester			Rated Power	4.1 kW	
Manufacturer		Refrigerant	R407C	Rated Voltage	380V
Note	Refrigerant Weight		g	Rated Current	7.2A
Rating Condition		Dry Bulb	-5.00 °C	Inlet Water Temp	40.00 °C
		Wet Bulb	-6.00 °C	Outlet Water Temp	45.00 °C

No.	Item	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Average	Unit
1	Dry Bulb	-5.46	-5.42	-5.12	-5.06	-5.07	-5.02	-5.19	-5.19	°C
2	Wet Bulb	-6.13	-6.11	-6.10	-6.12	-6.03	-6.01	-6.00	-6.07	°C
3	Humidity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	%
4	Inlet Water Temp	40.98	41.09	40.96	41.06	41.15	41.01	41.22	41.07	°C
5	Outlet Water Temp	45.03	45.11	44.97	44.99	45.01	45.12	45.12	45.05	°C
6	Tank Temp	41.06	41.17	41.04	41.14	41.23	41.09	41.30	41.15	°C
7	Water Flow A	2.752	2.752	2.752	2.752	2.752	2.752	2.752	2.75	m3/h
8	Water Flow B	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.01	m3/h
9	Frequency(Hz)	50.01	50.00	50.00	50.02	50.00	50.00	50.00	50.00	Hz
10	Voltage A	225.90	230.20	231.60	230.10	230.40	228.80	227.50	229.21	V
11	Voltage B	228.70	228.10	228.60	227.40	227.20	229.80	228.20	228.29	V
12	Voltage C	225.80	225.40	224.60	224.90	224.30	222.70	221.90	224.23	V
13	Current A	7.51	7.47	7.43	7.38	7.36	7.24	7.43	7.40	A
14	Current B	7.27	7.39	7.38	7.32	7.32	7.07	7.26	7.29	A
15	Current C	7.37	7.47	7.51	7.40	7.41	7.29	7.47	7.42	A
16	Heating Capacity	12.96	12.87	12.83	12.58	12.35	13.15	12.48	12.75	kW
17	Power Input	4.29	4.35	4.35	4.29	4.29	4.19	4.27	4.29	kW
18	Capacity Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	%
19	Power Input Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	%
20	COP	3.02	2.96	2.95	2.93	2.88	3.14	2.92	2.97	W/W
21	Tank Volume	0	0	0	0	0	0	0	0	T

Comments		
Conclusion:	Eligible	
Approval:	Auditing:	Test by :