

Outdoor unit

■ PUD-SHWM100VAA(-BS) PUD-SHWM100YAA(-BS)

Water outlet temperature [°C]		25		35		40		45		50		55		60	
Ambient temperature [°C]		Capacity	COP	Capacity	COP	Capacity	COP	Capacity	COP	Capacity	COP	Capacity	COP	Capacity	COP
Max	-28 (IN)	-	-	8.0	2.00	7.9	1.80	7.7	1.57	-	-	-	-	-	-
	-20 (IN)	-	-	9.4	2.15	9.2	1.95	9.0	1.75	8.6	1.55	-	-	-	-
	-15 (IN)	-	-	10.7	2.50	10.5	2.20	10.3	1.90	10.0	1.85	9.2	1.60	-	-
	-10 (IN)	12.6	2.80	12.0	2.60	11.7	2.45	11.4	2.25	11.0	2.00	10.0	1.91	-	-
	-7 (IN)	13.5	2.90	13.2	2.65	12.9	2.45	12.6	2.25	12.2	2.10	10.9	1.95	9.2	1.65
	2	12.8	3.45	12.4	3.15	12.2	2.90	11.9	2.60	11.4	2.30	10.4	2.00	9.4	1.85
	7	11.4	5.50	10.9	4.65	10.5	4.05	10.0	3.40	9.7	3.10	9.2	2.55	8.5	2.25
	12	12.9	6.30	12.2	5.45	12.0	4.75	11.7	4.00	11.1	3.50	10.5	2.95	9.5	2.55
	15	13.4	6.70	13.0	5.65	12.7	5.10	12.4	4.50	11.8	4.10	11.1	3.55	10.0	2.90
20	14.2	7.60	13.8	6.25	13.5	5.65	13.1	5.00	12.5	4.35	11.4	3.75	10.5	3.55	
Nominal	-28 (IN)	-	-	8.0	2.00	7.9	1.80	7.7	1.57	-	-	-	-	-	-
	-20 (IN)	-	-	9.4	2.15	9.2	1.95	9.0	1.75	8.6	1.55	-	-	-	-
	-15 (IN)	-	-	10.0	2.60	10.0	2.30	10.0	1.95	10.0	1.85	9.2	1.60	-	-
	-10 (IN)	10.0	3.45	10.0	2.92	10.0	2.65	10.0	2.40	10.0	2.10	10.0	1.91	-	-
	-7 (IN)	10.0	3.50	10.0	3.05	10.0	2.75	10.0	2.45	10.0	2.25	10.0	2.00	9.2	1.65
	2	10.0	4.10	10.0	3.45	10.0	3.10	10.0	2.75	10.0	2.45	10.0	2.05	9.4	1.85
	7	8.0	5.90	8.0	5.00	8.0	4.35	8.0	3.65	8.0	3.20	8.0	2.60	8.0	2.30
	12	8.0	7.20	8.0	5.90	8.0	5.10	8.0	4.30	8.0	3.75	8.0	3.10	8.0	2.65
	15	8.0	7.55	8.0	6.20	8.0	5.50	8.0	4.80	8.0	4.25	8.0	3.65	8.0	2.95
20	8.0	8.65	8.0	7.10	8.0	6.25	8.0	5.40	8.0	4.65	8.0	3.85	8.0	3.75	
Mid	-28 (IN)	-	-	6.4	2.05	6.3	1.85	6.2	1.60	-	-	-	-	-	-
	-20 (IN)	-	-	7.2	2.35	7.2	2.10	7.2	1.80	6.9	1.60	-	-	-	-
	-15 (IN)	-	-	8.0	2.65	8.0	2.35	8.0	2.00	8.0	1.90	7.4	1.70	-	-
	-10 (IN)	8.0	3.70	8.0	3.10	8.0	2.80	8.0	2.50	8.0	2.20	8.0	1.85	-	-
	-7 (IN)	8.0	3.70	8.0	3.15	8.0	2.85	8.0	2.50	8.0	2.30	8.0	2.05	7.4	1.75
	2	8.0	4.45	8.0	3.60	8.0	3.25	8.0	2.85	8.0	2.55	8.0	2.15	7.5	1.95
	7	6.4	5.80	6.4	5.00	6.4	4.35	6.4	3.70	6.4	3.25	6.4	2.75	6.4	2.35
	12	6.4	7.30	6.4	5.65	6.4	5.00	6.4	4.30	6.4	3.75	6.4	3.10	6.4	2.70
	15	6.4	7.55	6.4	6.15	6.4	5.45	6.4	4.70	6.4	4.15	6.4	3.60	6.4	2.95
20	6.4	8.35	6.4	7.05	6.4	6.20	6.4	5.30	6.4	4.60	6.4	3.80	6.4	3.70	
Min	-28	-	-	4.0	1.90	3.9	1.70	3.8	1.50	-	-	-	-	-	-
	-20	-	-	4.9	2.40	4.8	2.15	4.7	1.85	4.5	1.55	-	-	-	-
	-15	-	-	5.6	2.70	5.5	2.40	5.4	2.05	5.3	1.85	5.2	1.55	-	-
	-10	3.8	3.60	3.6	2.90	3.5	2.60	3.4	2.25	3.3	1.90	3.1	1.60	-	-
	-7	3.8	3.70	3.5	2.90	3.4	2.60	3.2	2.25	3.1	2.00	2.9	1.70	3.7	1.65
	2	3.5	4.70	3.2	3.60	3.0	3.20	2.7	2.75	2.4	2.30	2.1	1.80	3.2	1.90
	7	2.7	4.90	2.5	3.55	2.4	3.35	2.3	3.10	2.0	2.70	1.7	2.30	2.6	2.25
	12	3.4	6.90	3.1	4.55	2.9	4.25	2.7	3.95	2.3	3.25	1.9	2.65	2.9	2.55
	15	4.0	7.30	3.3	5.70	3.1	4.95	2.9	4.20	2.5	3.60	2.0	3.00	3.1	2.75
20	4.3	7.60	3.8	6.65	3.5	5.75	3.2	4.85	2.9	4.10	2.6	3.30	3.5	3.35	

■ PUD-SHWM120VAA(-BS) PUD-SHWM120YAA(-BS)

Water outlet temperature [°C]		25		35		40		45		50		55		60	
Ambient temperature [°C]		Capacity	COP	Capacity	COP	Capacity	COP	Capacity	COP	Capacity	COP	Capacity	COP	Capacity	COP
Max	-28 (IN)	-	-	9.6	1.95	9.4	1.75	9.2	1.56	-	-	-	-	-	-
	-20 (IN)	-	-	11.0	2.00	10.9	1.90	10.8	1.75	9.6	1.55	-	-	-	-
	-15 (IN)	-	-	12.3	2.35	12.2	2.10	12.0	1.85	11.6	1.80	11.2	1.76	-	-
	-10 (IN)	14.0	2.40	13.6	2.35	13.2	2.20	12.8	2.00	12.4	1.90	12.0	1.87	-	-
	-7 (IN)	15.2	2.60	14.9	2.40	14.5	2.25	14.1	2.10	13.3	2.00	12.4	1.85	10.0	1.60
	2	13.5	3.30	13.2	3.10	12.9	2.85	12.6	2.55	12.3	2.25	12.0	2.03	11.0	1.80
	7	13.2	4.90	12.9	4.10	12.5	3.60	12.1	3.10	11.7	2.85	11.2	2.55	10.5	2.20
	12	15.0	5.40	14.5	4.55	14.2	4.10	13.8	3.60	13.2	3.10	12.6	2.65	11.7	2.30
	15	15.9	5.90	15.4	5.00	15.1	4.60	14.7	4.15	14.0	3.75	13.3	3.30	12.4	2.65
20	16.9	6.10	16.4	5.30	16.2	4.85	15.9	4.40	15.2	3.90	14.5	3.40	13.5	3.00	
Nominal	-28 (IN)	-	-	9.6	1.95	9.4	1.75	9.2	1.56	-	-	-	-	-	-
	-20 (IN)	-	-	11.0	2.00	10.9	1.90	10.8	1.75	9.6	1.55	-	-	-	-
	-15 (IN)	-	-	12.0	2.45	12.0	2.15	12.0	1.85	11.6	1.80	11.2	1.76	-	-
	-10 (IN)	12.0	3.20	12.0	2.77	12.0	2.50	12.0	2.20	12.0	1.95	12.0	1.87	-	-
	-7 (IN)	12.0	3.30	12.0	2.85	12.0	2.60	12.0	2.35	12.0	2.15	12.0	1.95	10.0	1.60
	2	12.0	3.55	12.0	3.30	12.0	2.95	12.0	2.60	12.0	2.30	12.0	2.03	11.0	1.80
	7	10.0	5.75	10.0	4.80	10.0	4.10	10.0	3.40	10.0	3.05	10.0	2.65	10.0	2.25
	12	10.0	7.15	10.0	5.80	10.0	5.00	10.0	4.20	10.0	3.65	10.0	3.00	10.0	2.50
	15	10.0	7.45	10.0	6.15	10.0	5.45	10.0	4.75	10.0	4.20	10.0	3.60	10.0	2.90
20	10.0	8.65	10.0	7.00	10.0	6.20	10.0	5.35	10.0	4.60	10.0	3.80	10.0	3.60	
Mid	-28 (IN)	-	-	7.7	2.05	7.6	1.85	7.4	1.60	-	-	-	-	-	-
	-20 (IN)	-	-	8.8	2.25	8.7	2.05	8.6	1.80	7.8	1.60	-	-	-	-
	-15 (IN)	-	-	9.6	2.55	9.6	2.25	9.6	1.95	9.3	1.90	9.0	1.80	-	-
	-10 (IN)	9.6	3.50	9.6	3.00	9.6	2.70	9.6	2.40	9.6	2.15	9.6	1.90	-	-
	-7 (IN)	9.6	3.60	9.6	3.10	9.6	2.80	9.6	2.45	9.6	2.25	9.6	2.05	8.0	1.70
	2	9.6	4.25	9.6	3.50	9.6	3.15	9.6	2.80	9.6	2.50	9.6	2.15	8.6	1.90
	7	8.0	5.90	8.0	5.00	8.0	4.35	8.0	3.65	8.0	3.20	8.0	2.70	8.0	2.30
	12	8.0	7.20	8.0	5.90	8.0	5.10	8.0	4.30	8.0	3.75	8.0	3.10	8.0	2.65
	15	8.0	7.55	8.0	6.20	8.0	5.50	8.0	4.80	8.0	4.25	8.0	3.65	8.0	2.95
20	8.0	8.70	8.0	7.10	8.0	6.25	8.0	5.40	8.0	4.65	8.0	3.85	8.0	3.75	
Min	-28	-	-	4.0	1.90	3.9	1.70	3.8	1.50	-	-	-	-	-	-
	-20	-	-	4.9	2.40	4.8	2.15	4.7	1.85	4.5	1.55	-	-	-	-
	-15	-	-	5.6	2.70	5.5	2.40	5.4	2.05	5.3	1.85	5.2	1.55	-	-
	-10	3.8	3.60	3.6	2.90	3.5	2.60	3.4	2.25	3.3	1.90	3.1	1.60	-	-
	-7	3.8	3.70	3.5	2.90	3.4	2.60	3.2	2.25	3.1	2.00	2.9	1.70	3.7	1.65
	2	3.5	4.70	3.2	3.60	3.0	3.20	2.7	2.75	2.4	2.30	2.1	1.80	3.2	1.90
	7	2.7	4.90	2.5	3.55	2.4	3.35	2.3	3.10	2.0	2.70	1.7	2.30	2.6	2.25
	12	3.4	6.90	3.1	4.55	2.9	4.25	2.7	3.95	2.3	3.35	1.9	2.70	2.9	2.60
	15	4.0	7.30	3.3	5.70	3.1	4.95	2.9	4.20	2.5	3.60	2.0	3.00	3.1	2.75
20	4.3	7.60	3.8	6.65	3.5	5.75	3.2	4.85	2.9	4.10	2.6	3.30	3.5	3.35	