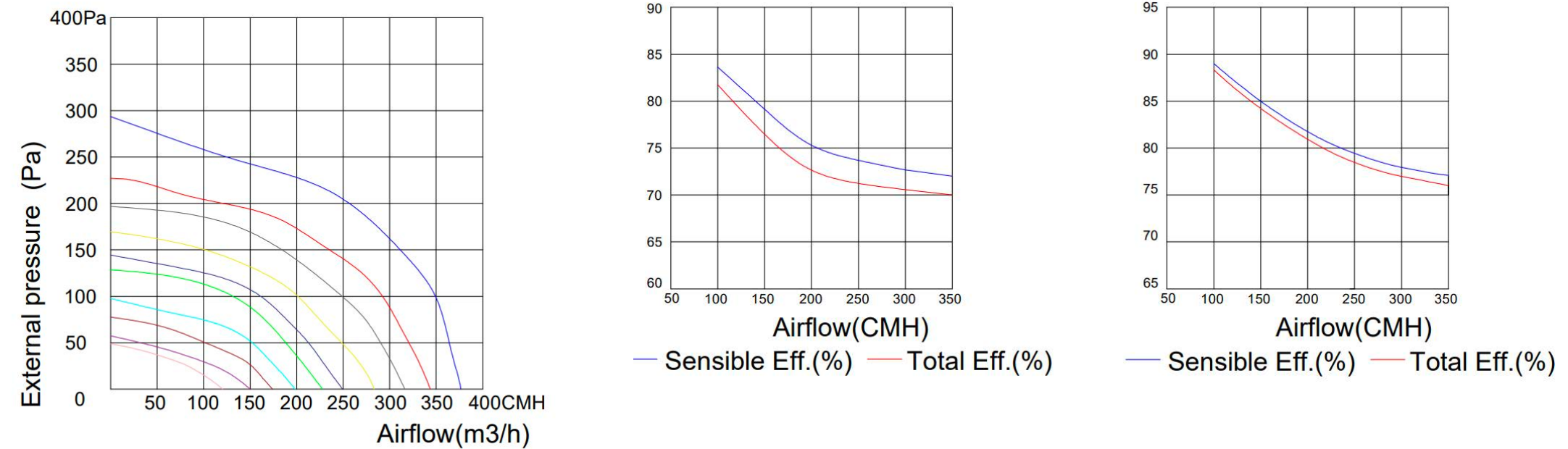
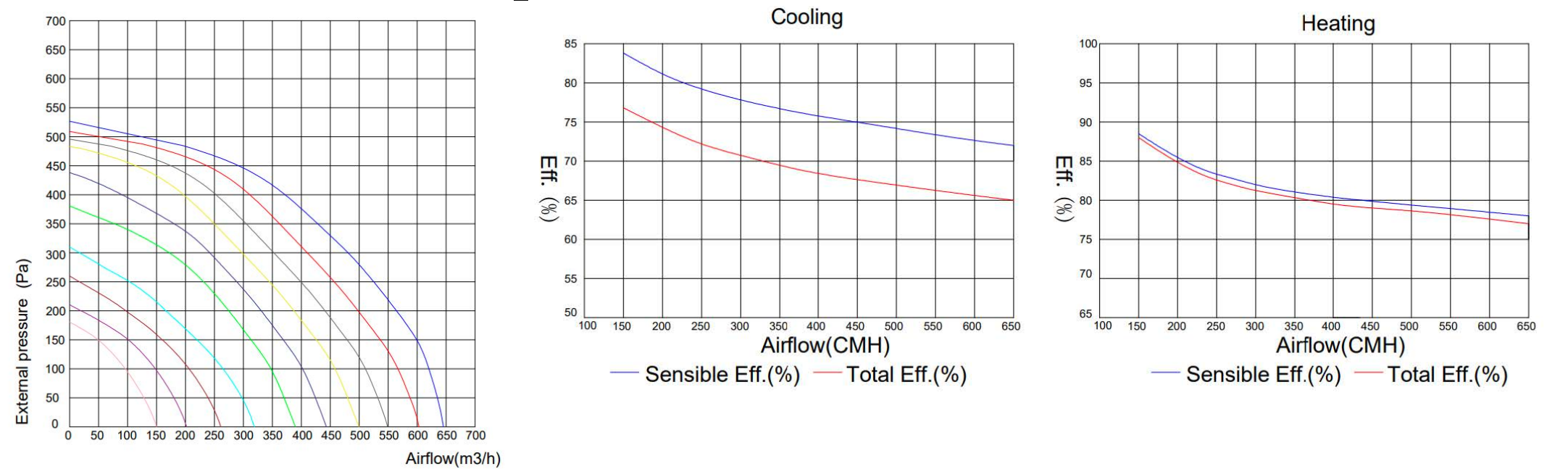


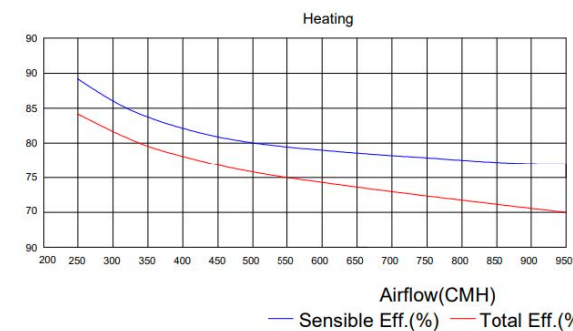
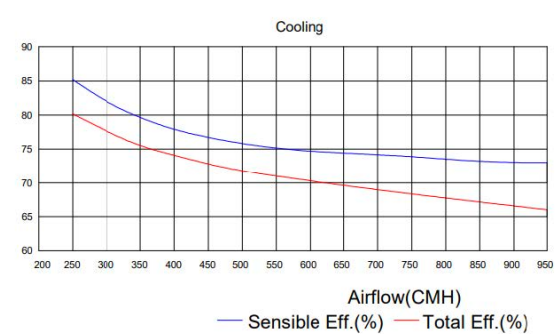
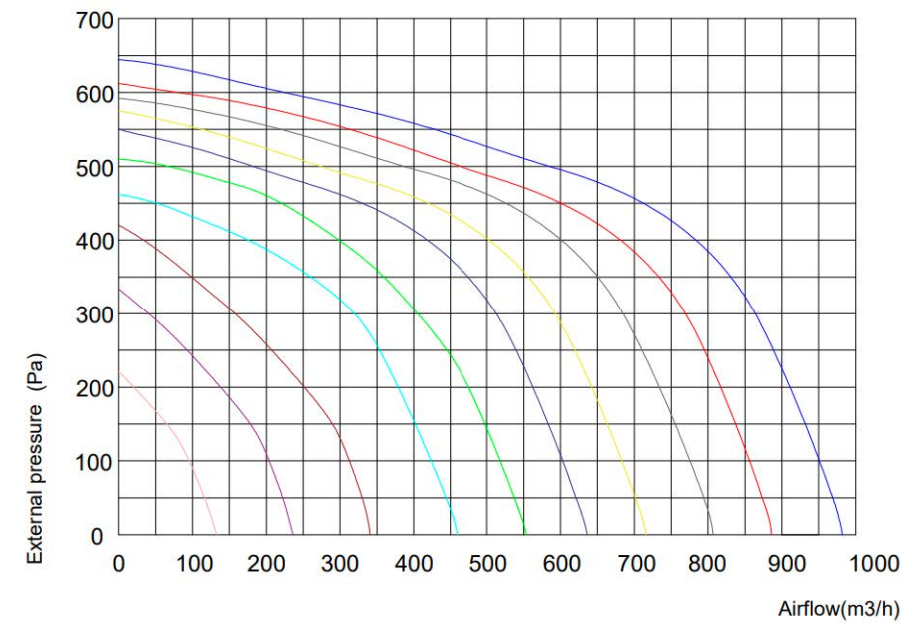
AirExchange®											
Modell: WTW-350HC											
Kühlung											
Betriebsbedingungen	SA-Enthalpiewert (kJ/kg)	SA DB (°C)	SA WB (°C)	OA Enthalpiewert (kJ/kg)	OA DB (°C)	OA WB (°C)	Luftstrom (m³/h)	Eingangsleistung (KW)	Spannung (V)	Kühlleistung (KW)	EER
Innenbereich 27°C, 70 %; Außenbereich 32°C, 70 %	58,18	23.02	20.23	83,56	32,58	26,7	370,5	1,10809	219,84	3.13	2,83
Innenbereich 27°C, 49,8 %; Outdoor 35°C, 59,1 %	56,08	22,69	19,58	89,80	35.02	28.01	350,00	0,847	219,90	3.798	4,48
Heizung											
Betriebsbedingungen	SA-Enthalpiewert (kJ/kg)	SA DB (°C)	SA WB (°C)	OA Enthalpiewert (kJ/kg)	OA DB (°C)	OA WB (°C)	Luftstrom (m³/h)	Eingangsleistung (KW)	Spannung (V)	Heizleistung (KW)	COP
Innenbereich 16°C, 70 %; Außen -5°C, 70 %	40,07	26,5	14.32	1,71	-4,58	-4,85	358,6	0,80536	219,97	4,59	5,70
Innenbereich 16°C, 70%; Draußen -7°C, 70 %	38,48	25,38	13,71	-0,7	-6,51	-6,48	358,58	0,79666	219,99	4,68	5,88
Innenbereich 21°C, 39,2 %; Outdoor 2°C, 83,8 %	49,94	35,56	17,87	11.18	2.01	1.01	350,00	0,790	219,90	4.631	5,86



AirExchange®											
Modell: WTW-620HC											
Kühlung											
Betriebsbedingungen	SA-Enthalpiewert (kJ/kg)	SA DB (°C)	SA WB (°C)	OA Enthalpiewert (kJ/kg)	OA DB (°C)	OA WB (°C)	Luftstrom (m³/h)	Eingangsleistung (KW)	Spannung (V)	Kühlleistung (KW)	EER
Innenbereich 27°C, 70 %; Außenbereich 32°C, 70 %	60,14	23,37	20,86	83,21	32,31	26,7	571,57	1.41406	219,78	4,40	3.11
Innenbereich 27°C, 49,8 %; Outdoor 35°C, 59,1 %	58,63	23.10	20.33	89,83	35.01	28.03	620,00	1.243	219,81	6.394	5.14
Heizung											
Betriebsbedingungen	SA-Enthalpiewert (kJ/kg)	SA DB (°C)	SA WB (°C)	OA Enthalpiewert (kJ/kg)	OA DB (°C)	OA WB (°C)	Luftstrom (m³/h)	Eingangsleistung (KW)	Spannung (V)	Kühlleistung (KW)	COP
Innenbereich 16°C, 70 %; Außen -5°C, 70 %	36.07	22,6	12,83	1,81	-4,79	70,13 %	578,82	1,08899	219,85	6,61	6.07
Innenbereich 16°C, 70%; Draußen -7°C, 70 %	34,15	21.53	12.07	-0,95	-6,64	69,09 %	577,18	1,07216	219,88	6,75	6.30
Innenbereich 21°C, 39,2 %; Outdoor 2°C, 83,8 %	41,59	29,39	14,80	11.17	2.02	1,03	620,00	1.033	219,88	6.287	6.08



AirExchange®											
Modell: WTW-950HC											
Kühlung											
Betriebsbedingungen	SA-Enthalpiewert (kJ/kg)	SA DB (°C)	SA WB (°C)	OA Enthalpiewert (kJ/kg)	OA DB (°C)	OA WB (°C)	Luftstrom (m³/h)	Eingangsleistung (KW)	Spannung (V)	Kühlleistung (KW)	EER
Innenbereich 27°C, 70 %; Außenbereich 32°C, 70 %	63,27	24.32	21,68	83,91	32.31	26,79	938,47	1,72584	219,71	6,25	3,62
Innenbereich 27°C, 49,8 %; Outdoor 35°C, 59,1 %	63,64	25,95	21,75	89,37	35.04	28.01	950,00	1.487	219,85	8.294	5,57
Heizung											
Betriebsbedingungen	SA-Enthalpiewert (kJ/kg)	SA DB (°C)	SA WB (°C)	OA Enthalpiewert (kJ/kg)	OA DB (°C)	OA WB (°C)	Luftstrom (m³/h)	Eingangsleistung (KW)	Spannung (V)	Heizleistung (KW)	COP
Innenbereich 16°C, 70 %; Außen -5°C, 70 %	33.01	19.1	11.58	-0,28	-4,99	-6,19	926,91	1,40085	219,81	10.29	7.34
Innenbereich 16°C, 70%; Draußen -7°C, 70 %	31,71	18.32	11.04	-3	-7	-8,07	923,47	1.42169	219,8	10.45	7,35
Innenbereich 21°C, 39,2 %; Outdoor 2°C, 83,8 %	39,18	26.03	13,99	11.17	2.03	1,08	950,00	1.427	219,82	8.870	6.22



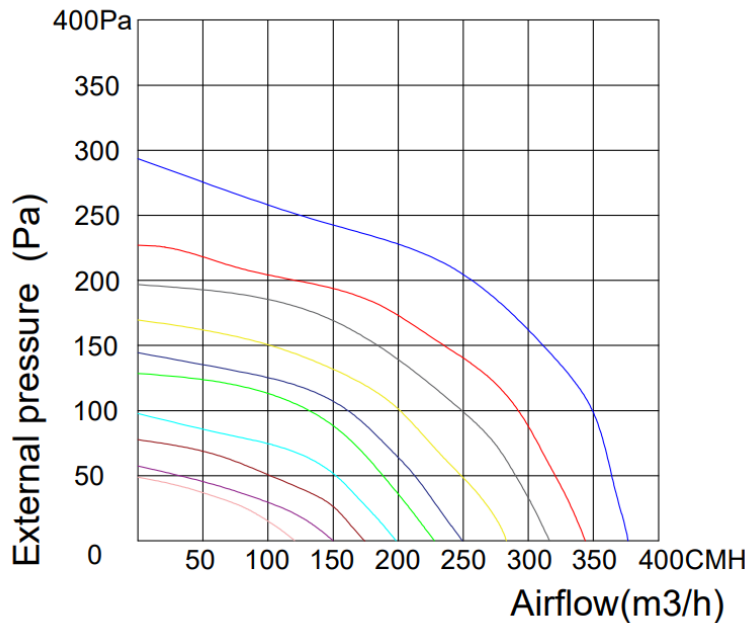
AirExchange®

Performance chart of the HC-series

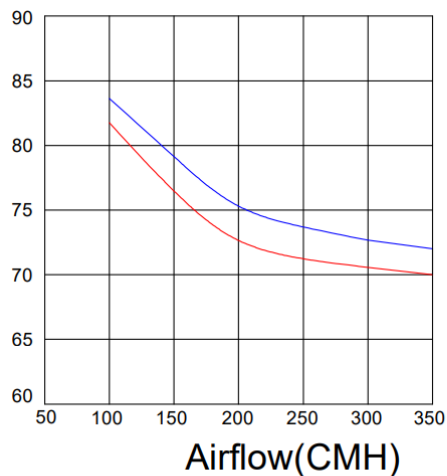
Model: WTW-350HC

Cooling											
Operating Conditions	SA Enthalpy Value (kJ/kg)	SA DB (°C)	SA WB (°C)	OA Enthalpy Value (kJ/kg)	OA DB (°C)	OA WB (°C)	Air Flow (m³/h)	Input Power (kW)	Voltage (V)	Cooling Capacity (kW)	EER
Indoor 27°C, 70%; Outdoor 32°C, 70%	58.18	23.02	20.23	83.56	32.58	26.7	370.5	1.10809	219.84	3.13	2.83
Indoor 27°C, 49.8%; Outdoor 35°C, 59.1%	56.08	22.69	19.58	89.80	35.02	28.01	350.00	0.847	219.90	3.798	4.48

Heating											
Operating Conditions	SA Enthalpy Value (kJ/kg)	SA DB (°C)	SA WB (°C)	OA Enthalpy Value (kJ/kg)	OA DB (°C)	OA WB (°C)	Air Flow (m³/h)	Input Power (kW)	Voltage (V)	Heating Capacity (kW)	COP
Indoor 16°C, 70%; Outdoor -5°C, 70%	40.07	26.5	14.32	1.71	-4.58	-4.85	358.6	0.80536	219.97	4.59	5.70
Indoor 16°C, 70%; Outdoor -7°C, 70%	38.48	25.38	13.71	-0.7	-6.51	-6.48	358.58	0.79666	219.99	4.68	5.88
Indoor 21°C, 39.2%; Outdoor 2°C, 83.8%	49.94	35.56	17.87	11.18	2.01	1.01	350.00	0.790	219.90	4.631	5.86

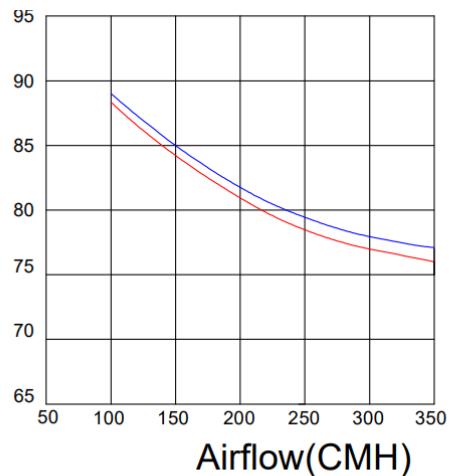


Cooling



— Sensible Eff.(%) — Total Eff.(%)

Heating

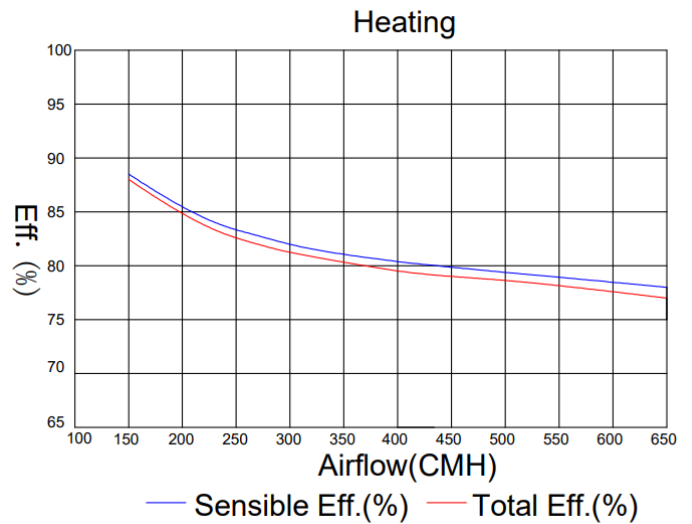
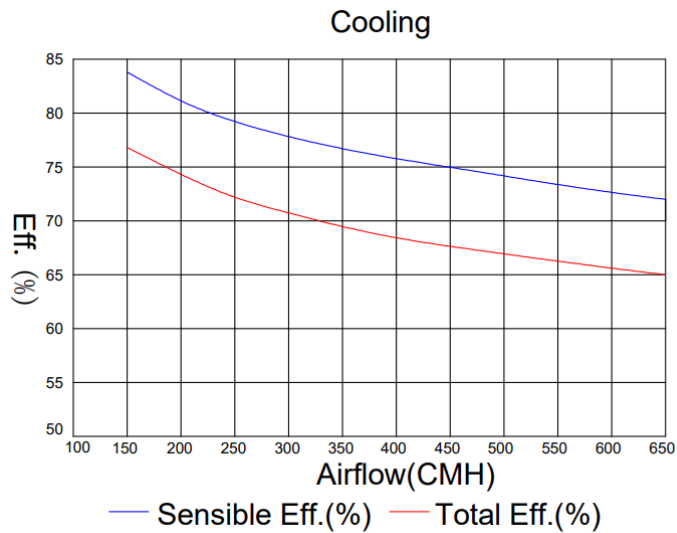
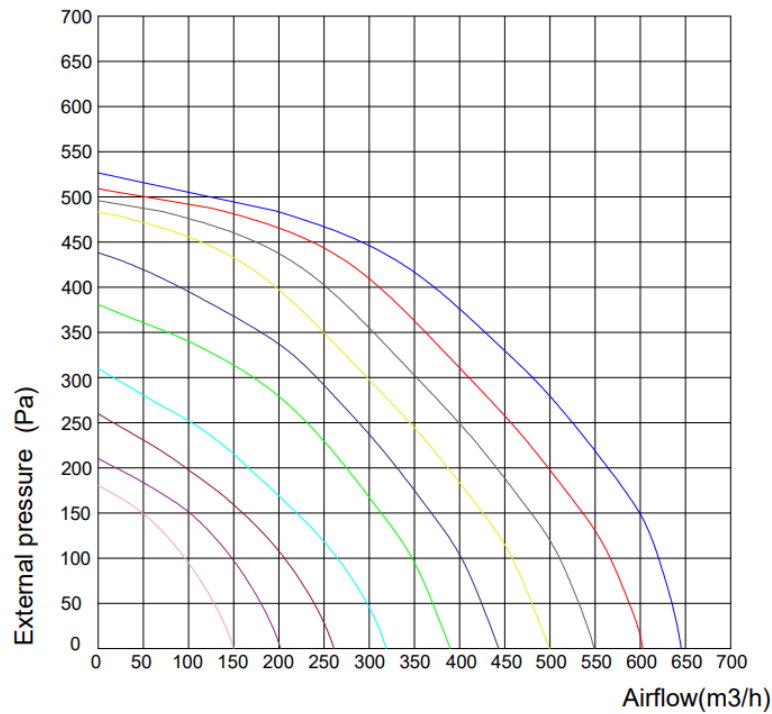


— Sensible Eff.(%) — Total Eff.(%)

Model: WTW-620HC

Cooling											
Operating Conditions	SA Enthalpy Value (kj/kg)	SA DB (°C)	SA WB (°C)	OA Enthalpy Value (kj/kg)	OA DB (°C)	OA WB (°C)	Air Flow (m³/h)	Input Power (KW)	Voltage (V)	Cooling Capacity (KW)	EER
Indoor 27°C, 70%; Outdoor 32°C, 70%	60.14	23.37	20.86	83.21	32.31	26.7	571.57	1.41406	219.78	4.40	3.11
Indoor 27°C, 49.8%; Outdoor 35°C, 59.1%	58.63	23.10	20.33	89.83	35.01	28.03	620.00	1.243	219.81	6.394	5.14

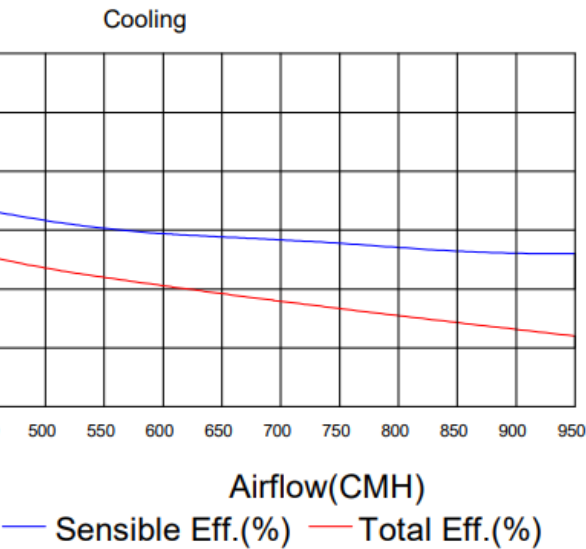
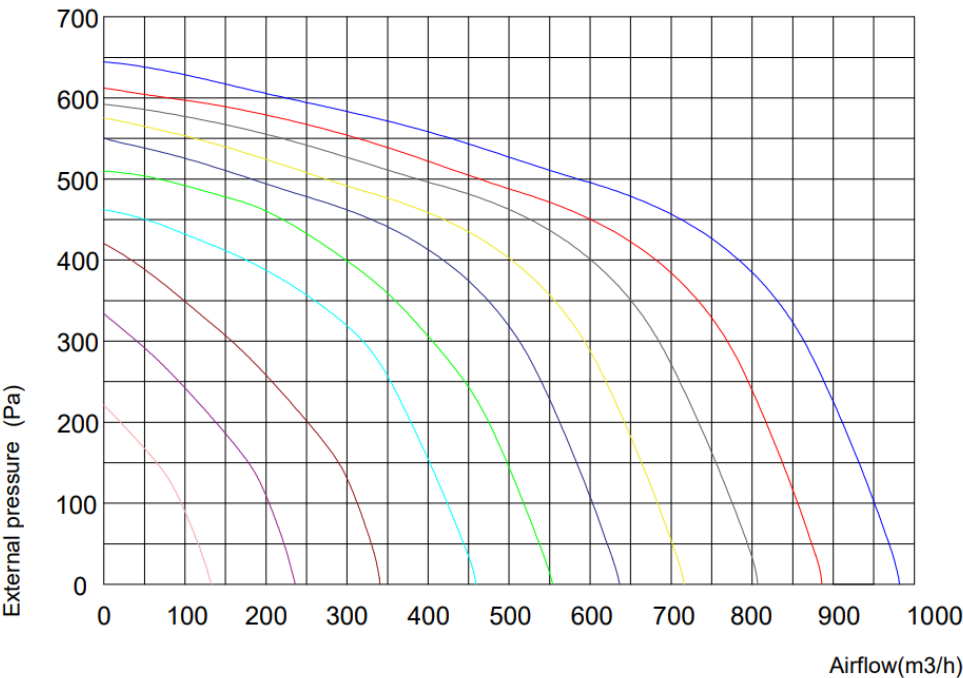
Heating											
Operating Conditions	SA Enthalpy Value (kj/kg)	SA DB (°C)	SA WB (°C)	OA Enthalpy Value (kj/kg)	OA DB (°C)	OA WB (°C)	Air Flow (m³/h)	Input Power (KW)	Voltage (V)	Cooling Capacity (KW)	COP
Indoor 16°C, 70%; Outdoor -5°C, 70%	36.07	22.6	12.83	1.81	-4.79	70.13%	578.82	1.08899	219.85	6.61	6.07
Indoor 16°C, 70%; Outdoor -7°C, 70%	34.15	21.53	12.07	-0.95	-6.64	69.09%	577.18	1.07216	219.88	6.75	6.30
Indoor 21°C, 39.2%; Outdoor 2°C, 83.8%	41.59	29.39	14.80	11.17	2.02	1.03	620.00	1.033	219.88	6.287	6.08



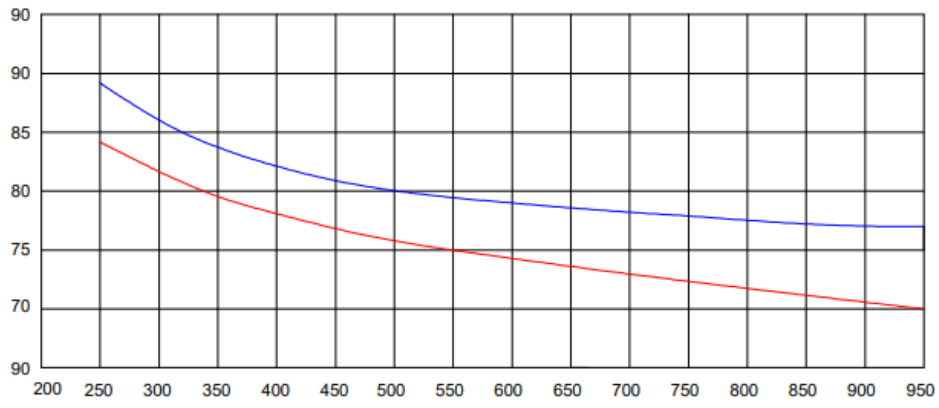
Model: WTW-950HC

Cooling											
Operating Conditions	SA Enthalpy Value (kJ/kg)	SA DB (°C)	SA WB (°C)	OA Enthalpy Value (kJ/kg)	OA DB (°C)	OA WB (°C)	Air Flow (m³/h)	Input Power (KW)	Voltage (V)	Cooling Capacity (KW)	EER
Indoor 27°C, 70%; Outdoor 32°C, 70%	63.27	24.32	21.68	83.91	32.31	26.79	938.47	1.72584	219.71	6.25	3.62
Indoor 27°C, 49.8%; Outdoor 35°C, 59.1%	63.64	25.95	21.75	89.37	35.04	28.01	950.00	1.487	219.85	8.294	5.57

Heating											
Operating Conditions	SA Enthalpy Value (kJ/kg)	SA DB (°C)	SA WB (°C)	OA Enthalpy Value (kJ/kg)	OA DB (°C)	OA WB (°C)	Air Flow (m³/h)	Input Power (KW)	Voltage (V)	Heating Capacity (KW)	COP
Indoor 16°C, 70%; Outdoor -5°C, 70%	33.01	19.1	11.58	-0.28	-4.99	-6.19	926.91	1.40085	219.81	10.29	7.34
Indoor 16°C, 70%; Outdoor -7°C, 70%	31.71	18.32	11.04	-3	-7	-8.07	923.47	1.42169	219.8	10.45	7.35
Indoor 21°C, 39.2%; Outdoor 2°C, 83.8%	39.18	26.03	13.99	11.17	2.03	1.08	950.00	1.427	219.82	8.870	6.22



Heating



Airflow(CMH)

— Sensible Eff.(%) — Total Eff.(%)