

24k -60k BTU Universal Heat Pump R- 454B Refrigerant

Outdoor Condenser	Air Handler Unit
WFPU17Y243D	WFH24Y193D
WFPU17Y363D	WFH36Y193D
WFPU17Y483D	WFH48Y223D
WFPU17Y603D	WFH60Y223D

4. Capacities and selection data

4.1 Capacity characteristic charts

The following charts show the characteristics of outdoor unit capacity, which corresponds with the operating ambient temperature of outdoor unit.

Conditions:

- *Pipe length / height difference: 25 ft. (7.6m) / 0 ft. (0m)*
- *Compressor at rated inverter frequency*
- *Indoor fan speed at high fan speed*
- *Capacity loss due to white frost and defrost operation is not included.*

Remarks:

TC: Total Capacity (Gross) (kBtu/h)

S/T: Sensible Capacity Ratio

kW(PI): Power Input (including the compressor & cond. fan motor) (kW) DB:

Dry Bulb Temperature

WB: Wet Bulb Temperature

IDB: Indoor Dry Bulb Temperature

IWB: Indoor Wet Bulb Temperature

4.2 Piping length correction factor

The correction factor is based on the equivalent piping length in meters (EL) and the height difference between outdoor and indoor units in meters (H).

H:

Height difference between indoor unit and outdoor unit (m).

- H>0: Position of outdoor unit is higher than that of the indoor unit (m).
- H<0: Position of outdoor unit is lower than that of the indoor unit (m).

L:

Actual one-way piping length between indoor unit and outdoor unit (m).

EL: Equivalent one-way piping length between indoor unit and outdoor unit (m).

Gas Diameter (mm/inch)	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")	19.05 (3/4")	22.22 (7/8")
90° Elbow	0.15	0.2	0.25	0.35	0.40

Cooling :

EL[ft.(m)] Model	25(7.6)	38(10)	50(15)	66(20)	82(25)	100(30)	115(35)	131(40)
24K	1.00	0.99	0.97	0.95	0.93	0.91	--	--
36K	1.00	0.94	0.92	0.90	0.88	0.84	0.80	--
48K/60K	1.00	0.98	0.96	0.93	0.90	0.88	0.85	0.83

Heating:

EL[ft.(m)] Model	25(7.6)	38(10)	50(15)	66(20)	82(25)	100(30)	115(35)	131(40)
24K	1.00	0.99	0.99	0.98	0.97	0.96	--	--
36K	1.00	0.98	0.95	0.93	0.91	0.88	0.86	--
48K/60K	1.00	0.98	0.96	0.94	0.92	0.90	0.89	0.88

The correction factor of height between indoor unit and outdoor unit

Height difference	16ft (5m)	33ft (10m)	108ft (30m)
Factor	0.01	0.02	0.025

To ensure correct unit selection, consider the farthest indoor unit.

NOTE:

1. Above data is assuming that the height difference between indoor unit and outdoor unit is 0m.
2. Be sure to minimize length of connection pipes to optimize performance. If the outdoor unit is installed higher or lower than the indoor unit, it is necessary to apply height correction factor additionally to length correction factor to calculate cooling/heating.
If outdoor unit is higher, correction should be applied to cooling capacity, if outdoor unit is lower, correction should be applied to heating capacity.

Performance data (Cooling operation at rated frequency) 24K outdoor unit (WFPU17Y243D)																	
Airflow (CFM)	Outdoor DB	IWB (°F)	59				63				67				71		
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	75	80	85
600	5	TC	18.60	18.80	19.20	19.40	19.20	19.40	19.60	19.80	20.50	20.70	20.90	21.00	25.00	25.20	25.40
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.08	1.09	1.10	1.10	1.10	1.11	1.12	1.13	1.13	1.14	1.15	1.17	1.43	1.44	1.46
	25	TC	19.40	19.60	20.00	20.30	20.00	20.30	20.50	20.70	21.40	21.60	21.80	21.90	26.10	26.30	26.50
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.20	1.21	1.22	1.22	1.22	1.24	1.24	1.26	1.26	1.27	1.28	1.30	1.59	1.60	1.62
	50	TC	20.50	20.70	21.10	21.40	21.10	21.40	21.60	21.80	22.50	22.70	23.00	23.10	27.50	27.70	27.90
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.33	1.35	1.36	1.36	1.36	1.37	1.38	1.40	1.40	1.41	1.42	1.44	1.76	1.78	1.80
	75	TC	20.50	20.70	21.10	21.40	21.10	21.40	21.60	21.80	22.60	22.80	23.00	23.20	27.20	27.40	27.60
		S/T	1.00	1.00	0.99	1.00	0.62	0.83	1.00	1.00	0.39	0.56	0.73	0.90	0.39	0.53	0.67
		kW	1.48	1.49	1.51	1.51	1.51	1.53	1.55	1.55	1.55	1.57	1.59	1.61	1.94	1.96	1.98
	85	TC	20.20	20.40	20.80	21.10	20.80	21.10	21.30	21.50	22.30	22.50	22.70	22.80	26.70	26.90	27.10
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.91	0.39	0.53	0.67
		kW	1.67	1.68	1.70	1.70	1.70	1.72	1.74	1.75	1.75	1.77	1.79	1.80	2.20	2.23	2.24
	95	TC	19.80	20.00	20.50	20.70	20.50	20.70	20.90	21.10	21.90	22.10	22.30	22.50	26.10	26.30	26.40
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.92	0.39	0.53	0.68
		kW	2.00	2.02	2.05	2.05	2.05	2.06	2.09	2.11	2.12	2.13	2.15	2.18	2.62	2.64	2.67
	105	TC	19.40	19.70	20.10	20.30	20.10	20.30	20.50	20.70	21.50	21.70	21.80	22.00	25.20	25.30	25.40
		S/T	0.99	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.75	0.93	0.39	0.54	0.69
		kW	2.38	2.41	2.43	2.43	2.43	2.46	2.49	2.51	2.51	2.54	2.56	2.58	3.04	3.05	3.06
	115	TC	17.40	17.60	18.00	18.20	18.00	18.20	18.40	18.60	19.30	19.50	19.50	19.70	20.90	21.10	21.10
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.40	0.60	0.79	0.99	0.39	0.58	0.76
		kW	2.43	2.45	2.48	2.48	2.48	2.51	2.54	2.56	2.58	2.60	2.62	2.62	2.70	2.72	2.73
800	5	TC	20.00	20.20	20.70	20.90	20.70	20.90	21.10	21.30	22.20	22.30	22.50	22.70	26.70	26.90	27.10
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.26	1.27	1.29	1.29	1.29	1.30	1.31	1.33	1.32	1.34	1.36	1.37	1.64	1.66	1.67
	25	TC	20.90	21.10	21.60	21.80	21.60	21.80	22.10	22.30	23.10	23.30	23.50	23.70	27.90	28.10	28.30
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.40	1.41	1.43	1.43	1.43	1.45	1.46	1.48	1.47	1.49	1.51	1.52	1.82	1.84	1.86
	50	TC	22.00	22.20	22.70	23.00	22.70	23.00	23.20	23.40	24.30	24.50	24.70	24.90	29.40	29.60	29.80
		S/T	0.99	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	1.55	1.57	1.59	1.59	1.59	1.61	1.62	1.64	1.63	1.66	1.67	1.69	2.02	2.05	2.06
	75	TC	22.00	22.30	22.70	23.00	22.70	23.00	23.20	23.50	24.30	24.60	24.70	24.90	29.10	29.40	29.60
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	1.70	1.72	1.74	1.74	1.74	1.75	1.77	1.79	1.79	1.80	1.83	1.85	2.12	2.15	2.17
	85	TC	21.60	21.80	22.30	22.60	22.30	22.60	22.80	23.10	23.90	24.10	24.30	24.50	28.40	28.60	28.80
		S/T	1.00	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.95	0.39	0.54	0.70
		kW	1.87	1.89	1.92	1.92	1.92	1.93	1.95	1.98	1.98	1.99	2.01	2.04	2.45	2.47	2.49
	95	TC	21.40	21.60	22.10	22.30	22.10	22.30	22.50	22.80	23.40	23.80	24.00	24.10	27.70	27.80	28.00
		S/T	1.00	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.58	0.76	1.00	0.39	0.55	0.71
		kW	2.23	2.25	2.28	2.28	2.28	2.30	2.32	2.35	2.36	2.37	2.40	2.42	2.88	2.91	2.93
	105	TC	20.80	21.10	21.60	21.80	21.60	21.80	22.00	22.30	23.00	23.20	23.40	23.60	25.70	25.70	25.80
		S/T	0.99	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.59	0.78	1.00	0.39	0.57	0.74
		kW	2.63	2.66	2.68	2.68	2.68	2.72	2.75	2.77	2.78	2.81	2.83	2.85	3.12	3.10	3.12
	115	TC	17.30	17.50	17.80	18.00	17.80	18.00	18.20	18.40	19.60	19.70	19.40	19.50	20.20	20.30	20.40
		S/T	1.00	1.00	1.00	1.00	0.64	0.88	1.00	1.00	0.40	0.62	0.86	1.00	0.40	0.62	0.84
		kW	2.47	2.49	2.52	2.52	2.52	2.55	2.57	2.60	2.64	2.66	2.65	2.67	2.69	2.70	2.71

Performance data (Cooling operation at rated frequency) 24K outdoor unit (WFPU17Y243D)																	
Airflow (CFM)	Outdoor temp (°F)	IWB (°F)	59				63				67				71		
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	75	80	85
1000	5	TC	21.30	21.50	22.00	22.20	22.00	22.20	22.50	22.70	23.50	23.70	23.90	24.10	28.20	28.40	28.80
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.48	1.49	1.50	1.50	1.50	1.52	1.54	1.55	1.55	1.57	1.59	1.60	1.87	1.89	1.79
	25	TC	22.20	22.50	22.90	23.20	22.90	23.20	23.50	23.70	24.60	24.80	24.90	25.10	29.40	29.60	30.10
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.64	1.65	1.67	1.67	1.67	1.69	1.71	1.72	1.72	1.74	1.76	1.78	2.08	2.10	1.99
	50	TC	23.40	23.70	24.10	24.40	24.10	24.40	24.70	25.00	25.90	26.10	26.20	26.40	31.00	31.20	31.70
		S/T	0.99	1.00	1.00	1.00	0.64	0.88	1.00	1.00	0.39	0.59	0.78	0.99	0.38	0.55	0.71
		kW	1.82	1.84	1.86	1.86	1.86	1.88	1.90	1.92	1.92	1.93	1.96	1.98	2.31	2.33	2.21
	75	TC	23.40	23.70	24.30	24.50	24.30	24.50	24.80	25.00	26.00	26.20	26.40	26.60	31.70	31.90	31.90
		S/T	0.99	1.00	1.00	1.00	0.63	0.88	1.00	1.00	0.39	0.59	0.78	1.00	0.38	0.55	0.71
		kW	1.87	1.89	1.92	1.92	1.92	1.93	1.95	1.98	1.99	2.01	2.04	2.04	2.55	2.56	2.56
	85	TC	23.00	23.20	23.70	24.00	23.70	24.00	24.20	24.50	25.50	25.60	25.80	25.90	29.90	30.10	30.30
		S/T	0.99	1.00	1.00	1.00	0.64	0.89	1.00	1.00	0.39	0.59	0.79	1.00	0.39	0.56	0.73
		kW	2.12	2.13	2.16	2.16	2.16	2.18	2.20	2.23	2.24	2.25	2.27	2.29	2.72	2.75	2.76
	95	TC	22.40	22.60	23.10	23.40	23.10	23.40	23.70	23.90	24.80	25.00	25.10	25.30	28.50	28.60	28.60
		S/T	1.00	1.00	1.00	1.00	0.64	0.90	1.00	1.00	0.39	0.60	0.80	1.00	0.39	0.57	0.75
		kW	2.49	2.51	2.54	2.54	2.54	2.56	2.59	2.62	2.63	2.65	2.67	2.68	3.07	3.08	3.08
	105	TC	21.80	22.00	22.50	22.70	22.50	22.70	23.00	23.20	24.10	24.30	24.40	24.60	26.00	26.20	26.00
		S/T	1.00	1.00	1.00	1.00	0.65	0.90	1.00	1.00	0.39	0.60	0.81	1.00	0.39	0.59	0.79
		kW	2.90	2.93	2.96	2.96	2.96	3.00	3.02	3.06	3.07	3.10	3.12	3.14	3.23	3.25	3.19
	115	TC	17.40	17.50	17.90	18.20	17.90	18.20	18.40	18.50	19.30	19.40	19.50	19.60	20.70	20.80	20.90
		S/T	1.00	1.00	1.00	1.00	0.66	1.00	1.00	1.00	0.40	0.66	0.93	1.00	0.40	0.65	0.90
		kW	2.56	2.59	2.62	2.62	2.62	2.65	2.68	2.70	2.74	2.75	2.76	2.77	2.86	2.87	2.87

Performance data (Heating operation at rated frequency) 24K outdoor unit (WFPU17Y243D)									
Airflow (CFM)	ID	ODB (°F)	75	65	55	47	35	25	15
		OWB (°F)	64	55	48	43	32	23	13
600	60	TC	28.30	28.30	28.20	27.10	23.00	21.40	18.00
		kW	1.56	1.66	1.96	2.13	1.98	2.11	1.90
	70	TC	21.90	21.70	21.80	21.50	21.50	21.00	17.70
		kW	1.16	1.23	1.44	1.69	2.02	2.30	2.09
	75	TC	18.40	18.30	18.30	18.30	18.10	18.10	16.70
		kW	0.97	1.04	1.21	1.44	1.67	1.96	2.19
	80	TC	15.10	15.10	15.10	15.00	15.00	14.80	14.80
		kW	0.81	0.86	1.01	1.17	1.39	1.57	1.97
800	60	TC	31.60	31.60	30.70	27.40	23.40	21.80	18.30
		kW	1.84	1.95	2.16	2.09	1.96	2.10	1.94
	70	TC	24.50	24.30	24.10	24.00	22.80	21.30	17.90
		kW	1.34	1.44	1.65	1.90	2.14	2.27	2.09
	75	TC	20.60	20.60	20.60	20.20	20.30	20.30	17.00
		kW	1.13	1.20	1.41	1.60	1.91	2.25	2.18
	80	TC	16.90	16.90	16.90	16.80	16.60	16.60	16.60
		kW	0.93	0.99	1.15	1.33	1.55	1.80	2.26
1000	60	TC	35.20	34.60	31.20	27.90	23.70	22.10	18.60
		kW	2.16	2.21	2.15	2.09	1.97	2.11	1.98
	70	TC	27.00	27.00	27.00	26.90	23.20	21.70	18.30
		kW	1.54	1.64	1.93	2.24	2.14	2.29	2.12
	75	TC	23.00	23.00	22.70	22.60	22.60	21.40	17.20
		kW	1.31	1.39	1.59	1.86	2.21	2.39	2.21
	80	TC	19.00	18.90	18.90	18.80	18.60	18.60	17.00
		kW	1.09	1.16	1.33	1.55	1.79	2.08	2.29

Performance data (Cooling operation at rated frequency) 36K outdoor unit (WFPU17Y363D) 600-800 CFM

Airflow (CFM)	OutdoorDB	IWB (°F)	59				63				67				71		
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	75	80	85
600	5	TC	27.1	27.4	28.0	28.3	28.0	28.3	28.6	28.9	29.9	30.2	30.5	30.6	36.5	36.7	37.0
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.60	1.62	1.63	1.63	1.63	1.65	1.66	1.69	1.69	1.70	1.72	1.74	2.12	2.14	2.17
	25	TC	28.3	28.6	29.2	29.6	29.2	29.6	29.9	30.2	31.2	31.5	31.8	32.0	38.1	38.4	38.6
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.78	1.80	1.81	1.81	1.81	1.84	1.85	1.87	1.87	1.88	1.91	1.93	2.36	2.38	2.42
	50	TC	29.8	30.1	30.7	31.1	30.7	31.1	31.4	31.8	32.9	33.2	33.5	33.7	40.1	40.4	40.7
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.98	2.00	2.02	2.02	2.02	2.04	2.05	2.08	2.08	2.09	2.12	2.14	2.62	2.65	2.68
	75	TC	29.8	30.2	30.8	31.1	30.8	31.1	31.6	31.9	33.0	33.3	33.6	33.8	39.7	40.0	40.3
		S/T	1.00	1.00	0.99	1.00	0.62	0.83	1.00	1.00	0.39	0.56	0.73	0.90	0.39	0.53	0.67
		kW	2.20	2.22	2.25	2.25	2.25	2.27	2.30	2.31	2.30	2.34	2.36	2.39	2.89	2.92	2.94
	85	TC	29.4	29.7	30.3	30.7	30.3	30.7	31.0	31.3	32.5	32.8	33.1	33.3	39.0	39.3	39.5
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.91	0.39	0.53	0.67
		kW	2.48	2.50	2.53	2.53	2.53	2.56	2.58	2.61	2.61	2.63	2.66	2.68	3.27	3.31	3.34
	95	TC	28.9	29.2	29.8	30.2	29.8	30.2	30.5	30.8	32.0	32.3	32.5	32.8	38.0	38.3	38.6
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.92	0.39	0.53	0.68
		kW	2.98	3.00	3.04	3.04	3.04	3.07	3.11	3.13	3.15	3.17	3.20	3.24	3.90	3.93	3.97
	105	TC	28.3	28.7	29.3	29.6	29.3	29.6	29.9	30.2	31.3	31.7	31.9	32.1	36.7	36.8	37.0
		S/T	0.99	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.75	0.93	0.39	0.54	0.69
		kW	3.54	3.58	3.62	3.62	3.62	3.66	3.70	3.74	3.74	3.78	3.80	3.84	4.52	4.53	4.55
	115	TC	25.4	25.7	26.3	26.5	26.3	26.5	26.8	27.1	28.2	28.4	28.5	28.7	30.5	30.7	30.8
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.40	0.60	0.79	0.99	0.39	0.58	0.76
		kW	3.61	3.65	3.69	3.69	3.69	3.74	3.78	3.81	3.84	3.87	3.89	3.90	4.02	4.05	4.06
800	5	TC	29.2	29.4	30.2	30.5	30.2	30.5	30.8	31.1	32.3	32.5	32.8	33.1	39.0	39.2	39.5
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.87	1.89	1.91	1.91	1.91	1.93	1.96	1.98	1.97	2.00	2.02	2.04	2.43	2.47	2.49
	25	TC	30.5	30.7	31.5	31.8	31.5	31.8	32.2	32.5	33.7	33.9	34.2	34.5	40.7	41.0	41.2
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.08	2.10	2.13	2.13	2.13	2.15	2.17	2.20	2.18	2.22	2.24	2.27	2.70	2.74	2.76
	50	TC	32.1	32.4	33.2	33.5	33.2	33.5	33.9	34.2	35.5	35.7	36.0	36.3	42.8	43.1	43.4
		S/T	0.99	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	2.31	2.34	2.36	2.36	2.36	2.39	2.41	2.44	2.43	2.47	2.49	2.52	3.00	3.04	3.07
	75	TC	32.1	32.5	33.2	33.5	33.2	33.5	33.9	34.3	35.5	35.8	36.0	36.3	42.5	42.8	43.1
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	2.53	2.56	2.58	2.58	2.58	2.61	2.63	2.66	2.66	2.68	2.72	2.75	3.16	3.20	3.22
	85	TC	31.6	31.9	32.6	33.0	32.6	33.0	33.3	33.7	34.9	35.2	35.4	35.7	41.4	41.7	42.0
		S/T	1.00	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.95	0.39	0.54	0.70
		kW	2.79	2.81	2.85	2.85	2.85	2.88	2.90	2.94	2.94	2.97	2.99	3.03	3.65	3.67	3.71
	95	TC	31.1	31.6	32.3	32.6	32.3	32.6	32.9	33.3	34.2	34.7	35.0	35.2	40.4	40.6	40.8
		S/T	1.00	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.58	0.76	1.00	0.39	0.55	0.71
		kW	3.31	3.35	3.39	3.39	3.39	3.42	3.45	3.49	3.51	3.53	3.57	3.60	4.29	4.33	4.35
	105	TC	30.3	30.7	31.4	31.8	31.4	31.8	32.1	32.5	33.5	33.9	34.1	34.4	37.4	37.4	37.6
		S/T	0.99	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.59	0.78	1.00	0.39	0.57	0.74
		kW	3.92	3.96	3.99	3.99	3.99	4.05	4.08	4.12	4.14	4.17	4.21	4.24	4.64	4.61	4.64
	115	TC	25.2	25.5	26.0	26.3	26.0	26.3	26.6	26.9	28.6	28.7	28.3	28.4	29.5	29.6	29.7
		S/T	1.00	1.00	1.00	1.00	0.64	0.88	1.00	1.00	0.40	0.62	0.86	1.00	0.40	0.62	0.84
		kW	3.67	3.71	3.75	3.75	3.75	3.79	3.83	3.87	3.93	3.96	3.94	3.97	4.01	4.02	4.03

Performance data (Cooling operation at rated frequency) 36K outdoor unit (WFPU17Y363D) 1000-1200 CFM

Airflow (CFM)	OutdoorDB	IWB (°F)	59				63				67				71		
1000	5	TC	27.14	27.42	27.97	28.34	27.97	28.34	28.62	28.90	29.91	30.19	30.46	30.65	36.47	36.74	37.02
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.60	1.62	1.63	1.63	1.63	1.65	1.66	1.69	1.69	1.70	1.72	1.74	2.12	2.14	2.17
	25	TC	28.33	28.62	29.20	29.59	29.20	29.59	29.88	30.17	31.23	31.52	31.80	32.00	38.07	38.36	38.65
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.78	1.80	1.81	1.81	1.81	1.84	1.85	1.87	1.87	1.88	1.91	1.93	2.36	2.38	2.42
	50	TC	29.83	30.13	30.74	31.15	30.74	31.15	31.45	31.75	32.87	33.17	33.48	33.68	40.07	40.38	40.68
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.98	2.00	2.02	2.02	2.02	2.04	2.05	2.08	2.08	2.09	2.12	2.14	2.62	2.65	2.68
	75	TC	29.83	30.23	30.84	31.15	30.84	31.15	31.55	31.86	32.97	33.28	33.58	33.78	39.67	39.97	40.28
		S/T	1.00	1.00	0.99	1.00	0.62	0.83	1.00	1.00	0.39	0.56	0.73	0.90	0.39	0.53	0.67
		kW	2.20	2.22	2.25	2.25	2.25	2.27	2.30	2.31	2.30	2.34	2.36	2.39	2.89	2.92	2.94
	85	TC	29.42	29.73	30.33	30.74	30.33	30.74	31.04	31.35	32.46	32.77	33.07	33.28	38.96	39.26	39.46
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.91	0.39	0.53	0.67
		kW	2.48	2.50	2.53	2.53	2.53	2.56	2.58	2.61	2.61	2.63	2.66	2.68	3.27	3.31	3.34
	95	TC	28.91	29.22	29.83	30.23	29.83	30.23	30.54	30.84	31.96	32.26	32.46	32.77	38.04	38.35	38.55
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.92	0.39	0.53	0.68
		kW	2.98	3.00	3.04	3.04	3.04	3.07	3.11	3.13	3.15	3.17	3.20	3.24	3.90	3.93	3.97
	105	TC	28.30	28.71	29.32	29.62	29.32	29.62	29.93	30.23	31.35	31.65	31.86	32.06	36.73	36.83	37.03
		S/T	0.99	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.75	0.93	0.39	0.54	0.69
		kW	3.54	3.58	3.62	3.62	3.62	3.66	3.70	3.74	3.74	3.78	3.80	3.84	4.52	4.53	4.55
	115	TC	25.36	25.67	26.28	26.48	26.28	26.48	26.78	27.09	28.20	28.41	28.51	28.71	30.54	30.74	30.84
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.40	0.60	0.79	0.99	0.39	0.58	0.76
		kW	3.61	3.65	3.69	3.69	3.69	3.74	3.78	3.81	3.84	3.87	3.89	3.90	4.02	4.05	4.06
1200	5	TC	29.17	29.45	30.19	30.46	30.19	30.46	30.83	31.11	32.31	32.50	32.77	33.05	38.96	39.24	39.51
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	1.87	1.89	1.91	1.91	1.91	1.93	1.96	1.98	1.97	2.00	2.02	2.04	2.43	2.47	2.49
	25	TC	30.46	30.74	31.52	31.80	31.52	31.80	32.19	32.48	33.73	33.92	34.21	34.50	40.67	40.96	41.25
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.08	2.10	2.13	2.13	2.13	2.15	2.17	2.20	2.18	2.22	2.24	2.27	2.70	2.74	2.76
	50	TC	32.06	32.36	33.17	33.48	33.17	33.48	33.88	34.19	35.51	35.71	36.01	36.32	42.81	43.12	43.42
		S/T	0.99	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	2.31	2.34	2.36	2.36	2.36	2.39	2.41	2.44	2.43	2.47	2.49	2.52	3.00	3.04	3.07
	75	TC	32.06	32.46	33.17	33.48	33.17	33.48	33.88	34.29	35.51	35.81	36.01	36.32	42.51	42.81	43.12
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	2.53	2.56	2.58	2.58	2.58	2.61	2.63	2.66	2.66	2.68	2.72	2.75	3.16	3.20	3.22
	85	TC	31.55	31.86	32.57	32.97	32.57	32.97	33.28	33.68	34.90	35.20	35.41	35.71	41.39	41.70	42.00
		S/T	1.00	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.95	0.39	0.54	0.70
		kW	2.79	2.81	2.85	2.85	2.85	2.88	2.90	2.94	2.94	2.97	2.99	3.03	3.65	3.67	3.71
	95	TC	31.15	31.55	32.26	32.57	32.26	32.57	32.87	33.28	34.19	34.70	35.00	35.20	40.38	40.58	40.78
		S/T	1.00	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.58	0.76	1.00	0.39	0.55	0.71
		kW	3.31	3.35	3.39	3.39	3.39	3.42	3.45	3.49	3.51	3.53	3.57	3.60	4.29	4.33	4.35
	105	TC	30.33	30.74	31.45	31.75	31.45	31.75	32.06	32.46	33.48	33.88	34.09	34.39	37.44	37.44	37.64
		S/T	0.99	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.59	0.78	1.00	0.39	0.57	0.74
		kW	3.92	3.96	3.99	3.99	3.99	4.05	4.08	4.12	4.14	4.17	4.21	4.24	4.64	4.61	4.64
	115	TC	25.16	25.46	25.97	26.28	25.97	26.28	26.58	26.88	28.61	28.71	28.30	28.41	29.52	29.62	29.73
		S/T	1.00	1.00	1.00	1.00	0.64	0.88	1.00	1.00	0.40	0.62	0.86	1.00	0.40	0.62	0.84
		kW	3.67	3.71	3.75	3.75	3.75	3.79	3.83	3.87	3.93	3.96	3.94	3.97	4.01	4.02	4.03

Performance data (Cooling operation at rated frequency) 36K outdoor unit (WFPU17Y363D) 1400 CFM

Airflow (CFM)	OutdoorDB	IWB (°F)	59				63				67				71		
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	75	80	85
1400	5	TC	31.02	31.39	32.03	32.40	32.03	32.40	32.77	33.14	34.34	34.62	34.80	35.08	41.08	41.36	42.00
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.19	2.22	2.24	2.24	2.24	2.27	2.29	2.31	2.31	2.33	2.36	2.38	2.79	2.81	2.66
	25	TC	32.38	32.77	33.44	33.83	33.44	33.83	34.21	34.60	35.85	36.14	36.33	36.62	42.89	43.18	43.85
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.44	2.46	2.48	2.48	2.48	2.52	2.54	2.57	2.57	2.59	2.62	2.65	3.10	3.12	2.96
	50	TC	34.09	34.49	35.20	35.61	35.20	35.61	36.01	36.42	37.74	38.04	38.25	38.55	45.15	45.45	46.16
		S/T	0.99	1.00	1.00	1.00	0.64	0.88	1.00	1.00	0.39	0.59	0.78	0.99	0.38	0.55	0.71
		kW	2.71	2.74	2.76	2.76	2.76	2.80	2.83	2.85	2.85	2.88	2.92	2.94	3.44	3.47	3.29
	75	TC	34.19	34.59	35.41	35.71	35.41	35.71	36.12	36.52	37.94	38.15	38.45	38.75	46.26	46.46	46.57
		S/T	0.99	1.00	1.00	1.00	0.63	0.88	1.00	1.00	0.39	0.59	0.78	1.00	0.38	0.55	0.71
		kW	2.79	2.81	2.85	2.85	2.85	2.88	2.90	2.94	2.94	2.97	2.99	3.03	3.79	3.80	3.80
	85	TC	33.48	33.88	34.59	35.00	34.59	35.00	35.30	35.71	37.13	37.33	37.64	37.84	43.62	43.83	44.13
		S/T	0.99	1.00	1.00	1.00	0.64	0.89	1.00	1.00	0.39	0.59	0.79	1.00	0.39	0.56	0.73
		kW	3.15	3.17	3.21	3.21	3.21	3.25	3.27	3.31	3.33	3.35	3.38	3.40	4.05	4.08	4.11
	95	TC	32.67	32.97	33.68	34.09	33.68	34.09	34.49	34.80	36.22	36.42	36.62	36.93	41.49	41.70	41.70
		S/T	1.00	1.00	1.00	1.00	0.64	0.90	1.00	1.00	0.39	0.60	0.80	1.00	0.39	0.57	0.75
		kW	3.70	3.74	3.78	3.78	3.78	3.81	3.85	3.89	3.92	3.94	3.97	3.99	4.57	4.58	4.58
	105	TC	31.75	32.06	32.77	33.17	32.77	33.17	33.48	33.88	35.20	35.41	35.61	35.91	37.94	38.15	37.94
		S/T	1.00	1.00	1.00	1.00	0.65	0.90	1.00	1.00	0.39	0.60	0.81	1.00	0.39	0.59	0.79
		kW	4.31	4.35	4.40	4.40	4.40	4.46	4.49	4.55	4.57	4.61	4.64	4.67	4.80	4.83	4.75
	115	TC	25.36	25.57	26.17	26.48	26.17	26.48	26.78	26.99	28.20	28.30	28.41	28.61	30.23	30.33	30.44
		S/T	1.00	1.00	1.00	1.00	0.66	1.00	1.00	1.00	0.40	0.66	0.93	1.00	0.40	0.65	0.90
		kW	3.81	3.85	3.90	3.90	3.90	3.94	3.98	4.02	4.07	4.08	4.11	4.12	4.25	4.26	4.28

Performance data (Heating operation at rated frequency) 36K outdoor unit (WFPU17Y363D)

Airflow (CFM)	ID	ODB (°F)	75	65	55	47	35	25	15	5	-4
		OWB (°F)	64	55	48	43	32	23	13	3	-6
600	60	TC	42.40	42.40	42.30	40.70	34.60	32.20	27.00	25.00	21.80
		kW	2.34	2.51	2.95	3.20	2.98	3.18	2.90	2.85	2.71
	70	TC	32.80	32.60	32.70	32.30	32.30	31.60	26.50	24.60	21.40
		kW	1.75	1.85	2.17	2.54	3.04	3.46	3.15	3.06	2.89
	75	TC	27.60	27.50	27.50	27.50	27.10	27.10	25.00	23.10	19.60
		kW	1.46	1.57	1.83	2.16	2.52	2.95	3.29	3.19	3.01
	80	TC	22.70	22.70	22.70	22.60	22.40	22.20	22.20	22.20	19.20
		kW	1.21	1.29	1.52	1.76	2.10	2.37	2.97	3.24	3.14
800	60	TC	47.40	47.40	46.00	41.20	35.10	32.70	27.50	25.60	22.20
		kW	2.77	2.94	3.26	3.14	2.95	3.16	2.92	2.85	2.72
	70	TC	36.70	36.50	36.20	36.00	34.20	32.00	26.90	24.90	21.70
		kW	2.02	2.16	2.48	2.86	3.21	3.42	3.15	3.06	2.91
	75	TC	30.90	30.80	30.80	30.30	30.40	30.40	25.40	23.40	19.90
		kW	1.70	1.81	2.12	2.41	2.88	3.39	3.28	3.18	3.02
	80	TC	25.30	25.30	25.30	25.20	24.90	24.80	24.90	23.10	19.60
		kW	1.40	1.48	1.73	2.00	2.33	2.71	3.40	3.32	3.14
1000	60	TC	52.80	51.90	46.90	41.90	35.60	33.20	27.90	26.00	22.70
		kW	3.26	3.33	3.24	3.14	2.97	3.18	2.98	2.90	2.78
	70	TC	40.60	40.40	40.40	40.30	34.80	32.50	27.40	25.40	22.10
		kW	2.32	2.47	2.90	3.38	3.23	3.44	3.19	3.12	2.98
	75	TC	34.60	34.40	34.00	33.90	33.90	32.10	25.90	23.80	20.40
		kW	1.98	2.10	2.39	2.80	3.32	3.59	3.32	3.24	3.09
	80	TC	28.40	28.30	28.30	28.20	27.80	27.80	25.60	23.50	20.00
		kW	1.65	1.74	2.00	2.33	2.70	3.13	3.45	3.37	3.19

Performance data (Coolinnng operation at rated frequency) 48K outdoor unit (WFPU17Y483D) 600-800 CFM

Airflow (CFM)	Outdoor DB	IWB (°F)	59				63				67				71		
600	5	TC	37.20	37.60	38.40	38.90	38.40	38.90	39.20	39.60	41.00	41.40	41.80	42.00	50.00	50.40	50.80
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.15	2.18	2.20	2.20	2.20	2.22	2.24	2.27	2.27	2.28	2.31	2.34	2.85	2.88	2.92
	25	TC	38.90	39.30	40.00	40.60	40.00	40.60	41.00	41.40	42.80	43.20	43.60	43.90	52.20	52.60	53.00
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.39	2.42	2.44	2.44	2.44	2.47	2.49	2.52	2.52	2.53	2.56	2.60	3.17	3.20	3.25
	50	TC	40.90	41.30	42.20	42.70	42.20	42.70	43.10	43.50	45.10	45.50	45.90	46.20	55.00	55.40	55.80
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.66	2.69	2.71	2.71	2.71	2.75	2.76	2.80	2.80	2.81	2.85	2.88	3.52	3.56	3.61
	75	TC	40.90	41.50	42.30	42.70	42.30	42.70	43.30	43.70	45.20	45.60	46.10	46.30	54.40	54.80	55.20
		S/T	1.00	1.00	0.99	1.00	0.62	0.83	1.00	1.00	0.39	0.56	0.73	0.90	0.39	0.53	0.67
		kW	2.95	2.99	3.02	3.02	3.02	3.06	3.09	3.11	3.09	3.14	3.18	3.21	3.88	3.92	3.95
	85	TC	40.30	40.80	41.60	42.20	41.60	42.20	42.60	43.00	44.50	44.90	45.40	45.60	53.40	53.80	54.10
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.91	0.39	0.53	0.67
		kW	3.33	3.37	3.40	3.40	3.40	3.44	3.47	3.51	3.51	3.54	3.57	3.61	4.40	4.45	4.49
	95	TC	39.70	40.10	40.90	41.50	40.90	41.50	41.90	42.30	43.80	44.20	44.50	44.90	52.20	52.60	52.90
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.92	0.39	0.53	0.68
		kW	4.01	4.04	4.09	4.09	4.09	4.13	4.18	4.21	4.23	4.26	4.30	4.35	5.25	5.28	5.34
	105	TC	38.80	39.40	40.20	40.60	40.20	40.60	41.00	41.50	43.00	43.40	43.70	44.00	50.40	50.50	50.80
		S/T	0.99	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.75	0.93	0.39	0.54	0.69
		kW	4.77	4.82	4.87	4.87	4.87	4.92	4.97	5.02	5.02	5.08	5.11	5.16	6.08	6.09	6.11
	115	TC	34.80	35.20	36.00	36.30	36.00	36.30	36.70	37.10	38.70	39.00	39.10	39.40	41.90	42.20	42.30
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.40	0.60	0.79	0.99	0.39	0.58	0.76
		kW	4.85	4.90	4.96	4.96	4.96	5.02	5.08	5.13	5.16	5.20	5.23	5.25	5.40	5.44	5.46
800	5	TC	40.00	40.40	41.40	41.80	41.40	41.80	42.30	42.70	44.30	44.60	44.90	45.30	53.40	53.80	54.20
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.52	2.55	2.57	2.57	2.57	2.60	2.63	2.66	2.64	2.69	2.71	2.74	3.27	3.31	3.34
	25	TC	41.80	42.20	43.20	43.60	43.20	43.60	44.10	44.50	46.30	46.50	46.90	47.30	55.80	56.20	56.60
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.80	2.83	2.86	2.86	2.86	2.89	2.92	2.95	2.94	2.98	3.01	3.05	3.64	3.68	3.71
	50	TC	44.00	44.40	45.50	45.90	45.50	45.90	46.50	46.90	48.70	49.00	49.40	49.80	58.70	59.10	59.50
		S/T	0.99	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	3.11	3.14	3.18	3.18	3.18	3.21	3.25	3.28	3.26	3.32	3.35	3.38	4.04	4.09	4.13
	75	TC	44.00	44.50	45.50	45.90	45.50	45.90	46.50	47.00	48.70	49.10	49.40	49.80	58.30	58.70	59.10
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	3.40	3.44	3.47	3.47	3.47	3.51	3.54	3.57	3.57	3.61	3.66	3.69	4.25	4.30	4.33
	85	TC	43.30	43.70	44.70	45.20	44.70	45.20	45.60	46.20	47.90	48.30	48.60	49.00	56.80	57.20	57.60
		S/T	1.00	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.95	0.39	0.54	0.70
		kW	3.75	3.78	3.83	3.83	3.83	3.87	3.90	3.95	3.95	3.99	4.02	4.07	4.90	4.94	4.99
	95	TC	42.70	43.30	44.20	44.70	44.20	44.70	45.10	45.60	46.90	47.60	48.00	48.30	55.40	55.70	55.90
		S/T	1.00	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.58	0.76	1.00	0.39	0.55	0.71
		kW	4.45	4.51	4.56	4.56	4.56	4.59	4.64	4.70	4.71	4.75	4.80	4.83	5.77	5.82	5.85
	105	TC	41.60	42.20	43.10	43.50	43.10	43.50	44.00	44.50	45.90	46.50	46.70	47.20	51.30	51.30	51.60
		S/T	0.99	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.59	0.78	1.00	0.39	0.57	0.74
		kW	5.27	5.32	5.37	5.37	5.37	5.44	5.49	5.54	5.56	5.61	5.66	5.70	6.23	6.20	6.23
	115	TC	34.50	34.90	35.60	36.00	35.60	36.00	36.50	36.90	39.20	39.40	38.80	39.00	40.50	40.60	40.80
		S/T	1.00	1.00	1.00	1.00	0.64	0.88	1.00	1.00	0.40	0.62	0.86	1.00	0.40	0.62	0.84
		kW	4.94	4.99	5.04	5.04	5.04	5.09	5.15	5.20	5.28	5.32	5.30	5.34	5.39	5.40	5.42

Performance data (Cooling operation at rated frequency) 48K outdoor unit (WFPU17Y483D) 1500-1700 CFM																	
Airflow (CFM)	Outdoor DB	IWB (°F)	59				63				67				71		
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	75	80	85
1500	5	TC	37.22	37.60	38.36	38.87	38.36	38.87	39.25	39.63	41.02	41.40	41.78	42.03	50.01	50.39	50.77
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.15	2.18	2.20	2.20	2.20	2.22	2.24	2.27	2.27	2.28	2.31	2.34	2.85	2.88	2.92
	25	TC	38.86	39.26	40.05	40.58	40.05	40.58	40.97	41.37	42.82	43.22	43.62	43.88	52.21	52.61	53.00
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.39	2.42	2.44	2.44	2.44	2.47	2.49	2.52	2.52	2.53	2.56	2.60	3.17	3.20	3.25
	50	TC	40.90	41.32	42.16	42.71		42.71	43.13	43.55	45.08	45.50	45.91	46.19	54.96	55.37	55.79
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.66	2.69	2.71	2.71	2.71	2.75	2.76	2.80	2.80	2.81	2.85	2.88	3.52	3.56	3.61
	75	TC	40.90	41.46	42.30	42.71	42.30	42.71	43.27	43.69	45.22	45.64	46.05	46.33	54.40	54.82	55.24
		S/T	1.00	1.00	0.99	1.00	0.62	0.83	1.00	1.00	0.39	0.56	0.73	0.90	0.39	0.53	0.67
		kW	2.95	2.99	3.02	3.02	3.02	3.06	3.09	3.11	3.09	3.14	3.18	3.21	3.88	3.92	3.95
	85	TC	40.35	40.77	41.60	42.16	41.60	42.16	42.57	42.99	44.52	44.94	45.36	45.64	53.43	53.84	54.12
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.91	0.39	0.53	0.67
		kW	3.33	3.37	3.40	3.40	3.40	3.44	3.47	3.51	3.51	3.54	3.57	3.61	4.40	4.45	4.49
	95	TC	39.65	40.07	40.90	41.46	40.90	41.46	41.88	42.30	43.83	44.24	44.52	44.94	52.17	52.59	52.87
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.92	0.39	0.53	0.68
		kW	4.01	4.04	4.09	4.09	4.09	4.13	4.18	4.21	4.23	4.26	4.30	4.35	5.25	5.28	5.34
	105	TC	38.82	39.37	40.21	40.63	40.21	40.63	41.04	41.46	42.99	43.41	43.69	43.97	50.37	50.50	50.78
		S/T	0.99	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.75	0.93	0.39	0.54	0.69
		kW	4.77	4.82	4.87	4.87	4.87	4.92	4.97	5.02	5.02	5.08	5.11	5.16	6.08	6.09	6.11
	115	TC	34.78	35.20	36.04	36.31	36.04	36.31	36.73	37.15	38.68	38.96	39.10	39.37	41.88	42.16	42.30
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.40	0.60	0.79	0.99	0.39	0.58	0.76
		kW	4.85	4.90	4.96	4.96	4.96	5.02	5.08	5.13	5.16	5.20	5.23	5.25	5.40	5.44	5.46
1700	5	TC	40.01	40.39	41.40	41.78	41.40	41.78	42.29	42.67	44.31	44.57	44.95	45.33	53.43	53.81	54.19
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.52	2.55	2.57	2.57	2.57	2.60	2.63	2.66	2.64	2.69	2.71	2.74	3.27	3.31	3.34
	25	TC	41.77	42.16	43.22	43.62	43.22	43.62	44.15	44.54	46.26	46.53	46.92	47.32	55.78	56.17	56.57
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.80	2.83	2.86	2.86	2.86	2.89	2.92	2.95	2.94	2.98	3.01	3.05	3.64	3.68	3.71
	50	TC	43.97	44.38	45.50	45.91	45.50	45.91	46.47	46.89	48.70	48.97	49.39	49.81	58.71	59.13	59.55
		S/T	0.99	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	3.11	3.14	3.18	3.18	3.18	3.21	3.25	3.28	3.26	3.32	3.35	3.38	4.04	4.09	4.13
	75	TC	43.97	44.52	45.50	45.91	45.50	45.91	46.47	47.03	48.70	49.11	49.39	49.81	58.30	58.71	59.13
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	3.40	3.44	3.47	3.47	3.47	3.51	3.54	3.57	3.57	3.61	3.66	3.69	4.25	4.30	4.33
	85	TC	43.27	43.69	44.66	45.22	44.66	45.22	45.64	46.19	47.86	48.28	48.56	48.97	56.77	57.18	57.60
		S/T	1.00	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.95	0.39	0.54	0.70
		kW	3.75	3.78	3.83	3.83	3.83	3.87	3.90	3.95	3.95	3.99	4.02	4.07	4.90	4.94	4.99
	95	TC	42.71	43.27	44.24	44.66	44.24	44.66	45.08	45.64	46.89	47.58	48.00	48.28	55.37	55.65	55.93
		S/T	1.00	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.58	0.76	1.00	0.39	0.55	0.71
		kW	4.45	4.51	4.56	4.56	4.56	4.59	4.64	4.70	4.71	4.75	4.80	4.83	5.77	5.82	5.85
	105	TC	41.60	42.16	43.13	43.55	43.13	43.55	43.97	44.52	45.91	46.47	46.75	47.17	51.34	51.34	51.62
		S/T	0.99	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.59	0.78	1.00	0.39	0.57	0.74
		kW	5.27	5.32	5.37	5.37	5.37	5.44	5.49	5.54	5.56	5.61	5.66	5.70	6.23	6.20	6.23
	115	TC	34.50	34.92	35.62	36.04	35.62	36.04	36.45	36.87	39.24	39.37	38.82	38.96	40.49	40.63	40.77
		S/T	1.00	1.00	1.00	1.00	0.64	0.88	1.00	1.00	0.40	0.62	0.86	1.00	0.40	0.62	0.84
		kW	4.94	4.99	5.04	5.04	5.04	5.09	5.15	5.20	5.28	5.32	5.30	5.34	5.39	5.40	5.42

Performance data (Cooling operation at rated frequency) 48K outdoor unit (WFPU17Y483D) 1900 CFM																	
Airflow (CFM)	Outdoor DB	IWB (°F)	59				63				67				71		
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	75	80	85
1900	5	TC	42.54	43.05	43.93	44.44	43.93	44.44	44.95	45.45	47.10	47.48	47.73	48.11	56.34	56.72	57.61
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.95	2.98	3.01	3.01	3.01	3.05	3.08	3.10	3.10	3.13	3.17	3.20	3.75	3.78	3.58
	25	TC	44.41	44.94	45.86	46.39	45.86	46.39	46.92	47.45	49.17	49.57	49.83	50.23	58.82	59.21	60.14
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	3.28	3.31	3.34	3.34	3.34	3.39	3.42	3.45	3.45	3.48	3.53	3.56	4.16	4.20	3.98
	50	TC	46.75	47.30	48.28	48.84	48.28	48.84	49.39	49.95	51.76	52.17	52.45	52.87	61.91	62.33	63.30
		S/T	0.99	1.00	1.00	1.00	0.64	0.88	1.00	1.00	0.39	0.59	0.78	0.99	0.38	0.55	0.71
		kW	3.64	3.68	3.71	3.71	3.71	3.76	3.80	3.83	3.83	3.87	3.92	3.95	4.63	4.66	4.42
	75	TC	46.89	47.44	48.56	48.97	48.56	48.97	49.53	50.09	52.04	52.31	52.73	53.15	63.44	63.72	63.86
		S/T	0.99	1.00	1.00	1.00	0.63	0.88	1.00	1.00	0.39	0.59	0.78	1.00	0.38	0.55	0.71
		kW	3.75	3.78	3.83	3.83	3.83	3.87	3.90	3.95	3.95	3.99	4.02	4.07	5.09	5.11	5.11
	85	TC	45.91	46.47	47.44	48.00	47.44	48.00	48.42	48.97	50.92	51.20	51.62	51.90	59.83	60.10	60.52
		S/T	0.99	1.00	1.00	1.00	0.64	0.89	1.00	1.00	0.39	0.59	0.79	1.00	0.39	0.56	0.73
		kW	4.23	4.26	4.32	4.32	4.32	4.37	4.40	4.45	4.47	4.51	4.54	4.58	5.44	5.49	5.53
	95	TC	44.80	45.22	46.19	46.75	46.19	46.75	47.30	47.72	49.67	49.95	50.23	50.64	56.90	57.18	57.18
		S/T	1.00	1.00	1.00	1.00	0.64	0.90	1.00	1.00	0.39	0.60	0.80	1.00	0.39	0.57	0.75
		kW	4.97	5.02	5.08	5.08	5.08	5.13	5.18	5.23	5.27	5.30	5.34	5.37	6.15	6.16	6.16
	105	TC	43.55	43.97	44.94	45.50	44.94	45.50	45.91	46.47	48.28	48.56	48.84	49.25	52.04	52.31	52.04
		S/T	1.00	1.00	1.00	1.00	0.65	0.90	1.00	1.00	0.39	0.60	0.81	1.00	0.39	0.59	0.79
		kW	5.80	5.85	5.92	5.92	5.92	5.99	6.04	6.11	6.15	6.20	6.23	6.28	6.46	6.49	6.39
	115	TC	34.78	35.06	35.90	36.31	35.90	36.31	36.73	37.01	38.68	38.82	38.96	39.24	41.46	41.60	41.74
		S/T	1.00	1.00	1.00	1.00	0.66	1.00	1.00	1.00	0.40	0.66	0.93	1.00	0.40	0.65	0.90
		kW	5.13	5.18	5.25	5.25	5.25	5.30	5.35	5.40	5.47	5.49	5.53	5.54	5.72	5.73	5.75

Heating Capacity Tables (WFPU17Y483D)											
Airflow (CFM)	°F										
	ID	ODB (°F)	75	65	55	47	35	25	15	5	-4
		OWB (°F)	64	55	48	43	32	23	13	3	-6
600	60	TC	56.6	56.6	56.4	54.2	46.1	42.9	36	33.4	29.1
		kW	3.08	3.29	3.87	4.21	3.92	4.18	3.8	3.75	3.56
	70	TC	43.7	43.4	43.6	43	43	42.1	35.3	32.8	28.6
		kW	2.3	2.43	2.86	3.34	4	4.55	4.14	4.03	3.8
	75	TC	36.8	36.7	36.7	36.7	36.1	36.1	33.4	30.8	26.1
		kW	1.92	2.06	2.4	2.84	3.31	3.87	4.33	4.2	3.96
	80	TC	30.2	30.2	30.2	30.1	29.9	29.7	29.7	29.7	25.7
		kW	1.6	1.7	1.99	2.32	2.76	3.11	3.9	4.25	4.13
800	60	TC	63.2	63.2	61.4	54.9	46.8	43.6	36.7	34.1	29.7
		kW	3.65	3.86	4.28	4.13	3.87	4.16	3.84	3.75	3.58
	70	TC	49	48.7	48.3	48	45.7	42.6	35.9	33.2	29
		kW	2.66	2.84	3.27	3.76	4.23	4.5	4.14	4.03	3.83
	75	TC	41.2	41.1	41.1	40.4	40.6	40.6	33.9	31.2	26.5
		kW	2.23	2.37	2.78	3.17	3.79	4.45	4.31	4.18	3.97
	80	TC	33.8	33.8	33.8	33.7	33.2	33.1	33.2	30.8	26.1
		kW	1.84	1.95	2.28	2.63	3.07	3.56	4.47	4.37	4.13
1000	60	TC	70.3	69.2	62.5	55.9	47.4	44.3	37.2	34.6	30.2
		kW	4.28	4.38	4.25	4.13	3.9	4.18	3.92	3.82	3.66
	70	TC	54.1	53.9	53.9	53.8	46.3	43.3	36.6	33.9	29.5
		kW	3.05	3.25	3.82	4.44	4.24	4.52	4.2	4.1	3.92
	75	TC	46.1	45.9	45.4	45.2	45.2	42.8	34.5	31.7	27.2
		kW	2.6	2.76	3.14	3.68	4.37	4.72	4.37	4.25	4.06
	80	TC	37.9	37.8	37.8	37.7	37.1	37.1	34.1	31.3	26.6
		kW	2.16	2.29	2.63	3.07	3.55	4.11	4.54	4.42	4.2

Performance data (Cooling operation at rated frequency) 60K outdoor unit (WFPU17Y603D) 600-800 CFM																	
Airflow (CFM)	Outdoor DB	IWB (°F)	59				63				67				71		
600	5	TC	41.90	42.30	43.20	43.70	43.20	43.70	44.20	44.60	46.10	46.60	47.00	47.30	56.30	56.70	57.10
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.75	2.79	2.81	2.81	2.81	2.84	2.86	2.90	2.90	2.92	2.95	2.99	3.65	3.69	3.74
	25	TC	43.70	44.20	45.10	45.60	45.10	45.60	46.10	46.50	48.20	48.60	49.10	49.40	58.70	59.20	59.60
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	3.06	3.10	3.12	3.12	3.12	3.16	3.18	3.22	3.22	3.24	3.28	3.32	4.06	4.09	4.15
	50	TC	46.00	46.50	47.40	48.10	47.40	48.10	48.50	49.00	50.70	51.20	51.70	52.00	61.80	62.30	62.80
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	3.40	3.45	3.47	3.47	3.47	3.51	3.53	3.58	3.58	3.60	3.64	3.69	4.51	4.55	4.62
	75	TC	46.00	46.60	47.60	48.10	47.60	48.10	48.70	49.10	50.90	51.30	51.80	52.10	61.20	61.70	62.10
		S/T	1.00	1.00	0.99	1.00	0.62	0.83	1.00	1.00	0.39	0.56	0.73	0.90	0.39	0.53	0.67
		kW	3.78	3.82	3.87	3.87	3.87	3.91	3.95	3.98	3.95	4.02	4.06	4.11	4.97	5.01	5.06
	85	TC	45.40	45.90	46.80	47.40	46.80	47.40	47.90	48.40	50.10	50.60	51.00	51.30	60.10	60.60	60.90
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.91	0.39	0.53	0.67
		kW	4.26	4.31	4.35	4.35	4.35	4.40	4.44	4.48	4.48	4.53	4.57	4.62	5.63	5.70	5.74
	95	TC	44.60	45.10	46.00	46.60	46.00	46.60	47.10	47.60	49.30	49.80	50.10	50.60	58.70	59.20	59.50
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.92	0.39	0.53	0.68
		kW	5.12	5.17	5.23	5.23	5.23	5.28	5.34	5.39	5.41	5.46	5.50	5.57	6.71	6.76	6.82
	105	TC	43.70	44.30	45.20	45.70	45.20	45.70	46.20	46.60	48.40	48.80	49.10	49.50	56.70	56.80	57.10
		S/T	0.99	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.75	0.93	0.39	0.54	0.69
		kW	6.10	6.16	6.23	6.23	6.23	6.29	6.36	6.43	6.43	6.49	6.54	6.60	7.77	7.80	7.82
	115	TC	39.10	39.60	40.50	40.90	40.50	40.90	41.30	41.80	43.50	43.80	44.00	44.30	47.10	47.40	47.60
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.40	0.60	0.79	0.99	0.39	0.58	0.76
		kW	6.21	6.27	6.34	6.34	6.34	6.43	6.49	6.56	6.60	6.65	6.69	6.71	6.91	6.96	6.98
800	5	TC	45.00	45.40	46.60	47.00	46.60	47.00	47.60	48.00	49.90	50.10	50.60	51.00	60.10	60.50	61.00
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	3.22	3.26	3.29	3.29	3.29	3.33	3.36	3.40	3.38	3.43	3.47	3.51	4.19	4.24	4.28
	25	TC	47.00	47.40	48.60	49.10	48.60	49.10	49.70	50.10	52.00	52.30	52.80	53.20	62.70	63.20	63.60
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	3.58	3.62	3.66	3.66	3.66	3.70	3.74	3.78	3.76	3.82	3.86	3.90	4.65	4.71	4.75
	50	TC	49.50	49.90	51.20	51.70	51.20	51.70	52.30	52.70	54.80	55.10	55.60	56.00	66.10	66.50	67.00
		S/T	0.99	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	3.98	4.02	4.06	4.06	4.06	4.11	4.15	4.20	4.17	4.24	4.28	4.33	5.17	5.23	5.28
	75	TC	49.50	50.10	51.20	51.70	51.20	51.70	52.30	52.90	54.80	55.30	55.60	56.00	65.60	66.10	66.50
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	4.35	4.40	4.44	4.44	4.44	4.48	4.53	4.57	4.57	4.62	4.68	4.73	5.43	5.50	5.54
	85	TC	48.70	49.10	50.20	50.90	50.20	50.90	51.30	52.00	53.80	54.30	54.60	55.10	63.90	64.30	64.80
		S/T	1.00	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.95	0.39	0.54	0.70
		kW	4.79	4.84	4.90	4.90	4.90	4.95	4.99	5.06	5.06	5.10	5.15	5.21	6.27	6.32	6.38
	95	TC	48.10	48.70	49.80	50.20	49.80	50.20	50.70	51.30	52.70	53.50	54.00	54.30	62.30	62.60	62.90
		S/T	1.00	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.58	0.76	1.00	0.39	0.55	0.71
		kW	5.70	5.76	5.83	5.83	5.83	5.87	5.94	6.01	6.03	6.07	6.14	6.18	7.38	7.44	7.49
	105	TC	46.80	47.40	48.50	49.00	48.50	49.00	49.50	50.10	51.70	52.30	52.60	53.10	57.80	57.80	58.10
		S/T	0.99	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.59	0.78	1.00	0.39	0.57	0.74
		kW	6.74	6.80	6.87	6.87	6.87	6.96	7.02	7.09	7.11	7.18	7.24	7.29	7.97	7.93	7.97
	115	TC	38.80	39.30	40.10	40.50	40.10	40.50	41.00	41.50	44.10	44.30	43.70	43.80	45.50	45.70	45.90
		S/T	1.00	1.00	1.00	1.00	0.64	0.88	1.00	1.00	0.40	0.62	0.86	1.00	0.40	0.62	0.84
		kW	6.32	6.38	6.45	6.45	6.45	6.52	6.58	6.65	6.76	6.80	6.78	6.82	6.89	6.91	6.94

Performance data (Coolinnng operation at rated frequency) 60K outdoor unit (WFPU17Y603D) 1500-1700 CFM																	
Airflow (CFM)	Outdoor DB	IWB (°F)	59				63				67				71		
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	75	80	85
1500	5	TC	41.88	42.30	43.16	43.73	43.16	43.73	44.16	44.58	46.15	46.58	47.00	47.29	56.26	56.69	57.12
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	2.75	2.79	2.81	2.81	2.81	2.84	2.86	2.90	2.90	2.92	2.95	2.99	3.65	3.69	3.74
	25	TC	43.72	44.16	45.05	45.65	45.05	45.65	46.10	46.54	48.18	48.62	49.07	49.37	58.73	59.18	59.63
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	3.06	3.10	3.12	3.12	3.12	3.16	3.18	3.22	3.22	3.24	3.28	3.32	4.06	4.09	4.15
	50	TC	46.02	46.49	47.43	48.05	47.43	48.05	48.52	48.99	50.71	51.18	51.65	51.97	61.83	62.30	62.77
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	3.40	3.45	3.47	3.47	3.47	3.51	3.53	3.58	3.58	3.60	3.64	3.69	4.51	4.55	4.62
	75	TC	46.02	46.64	47.58	48.05	47.58	48.05	48.68	49.15	50.87	51.34	51.81	52.12	61.20	61.67	62.14
		S/T	1.00	1.00	0.99	1.00	0.62	0.83	1.00	1.00	0.39	0.56	0.73	0.90	0.39	0.53	0.67
		kW	3.78	3.82	3.87	3.87	3.87	3.91	3.95	3.98	3.95	4.02	4.06	4.11	4.97	5.01	5.06
	85	TC	45.39	45.86	46.80	47.43	46.80	47.43	47.90	48.37	50.09	50.56	51.03	51.34	60.10	60.57	60.89
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.91	0.39	0.53	0.67
		kW	4.26	4.31	4.35	4.35	4.35	4.40	4.44	4.48	4.48	4.53	4.57	4.62	5.63	5.70	5.74
	95	TC	44.61	45.08	46.02	46.64	46.02	46.64	47.11	47.58	49.30	49.77	50.09	50.56	58.70	59.17	59.48
		S/T	1.00	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.74	0.92	0.39	0.53	0.68
		kW	5.12	5.17	5.23	5.23	5.23	5.28	5.34	5.39	5.41	5.46	5.50	5.57	6.71	6.76	6.82
	105	TC	43.67	44.30	45.24	45.70	45.24	45.70	46.17	46.64	48.37	48.84	49.15	49.46	56.66	56.82	57.13
		S/T	0.99	1.00	1.00	1.00	0.62	0.84	1.00	1.00	0.39	0.57	0.75	0.93	0.39	0.54	0.69
		kW	6.10	6.16	6.23	6.23	6.23	6.29	6.36	6.43	6.43	6.49	6.54	6.60	7.77	7.80	7.82
	115	TC	39.13	39.60	40.54	40.85	40.54	40.85	41.32	41.79	43.51	43.83	43.98	44.30	47.11	47.43	47.58
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.40	0.60	0.79	0.99	0.39	0.58	0.76
		kW	6.21	6.27	6.34	6.34	6.34	6.43	6.49	6.56	6.60	6.65	6.69	6.71	6.91	6.96	6.98
1700	5	TC	45.01	45.44	46.58	47.00	46.58	47.00	47.57	48.00	49.85	50.14	50.56	50.99	60.11	60.54	60.96
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	3.22	3.26	3.29	3.29	3.29	3.33	3.36	3.40	3.38	3.43	3.47	3.51	4.19	4.24	4.28
	25	TC	46.99	47.43	48.62	49.07	48.62	49.07	49.66	50.11	52.04	52.34	52.79	53.23	62.75	63.20	63.64
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	3.58	3.62	3.66	3.66	3.66	3.70	3.74	3.78	3.76	3.82	3.86	3.90	4.65	4.71	4.75
	50	TC	49.46	49.93	51.18	51.65	51.18	51.65	52.28	52.75	54.78	55.10	55.57	56.04	66.05	66.52	66.99
		S/T	0.99	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	3.98	4.02	4.06	4.06	4.06	4.11	4.15	4.20	4.17	4.24	4.28	4.33	5.17	5.23	5.28
	75	TC	49.46	50.09	51.18	51.65	51.18	51.65	52.28	52.90	54.78	55.25	55.57	56.04	65.58	66.05	66.52
		S/T	1.00	1.00	1.00	1.00	0.62	0.85	1.00	1.00	0.39	0.58	0.76	0.94	0.39	0.54	0.69
		kW	4.35	4.40	4.44	4.44	4.44	4.48	4.53	4.57	4.57	4.62	4.68	4.73	5.43	5.50	5.54
	85	TC	48.68	49.15	50.24	50.87	50.24	50.87	51.34	51.97	53.84	54.31	54.63	55.10	63.86	64.33	64.80
		S/T	1.00	1.00	1.00	1.00	0.63	0.86	1.00	1.00	0.39	0.58	0.76	0.95	0.39	0.54	0.70
		kW	4.79	4.84	4.90	4.90	4.90	4.95	4.99	5.06	5.06	5.10	5.15	5.21	6.27	6.32	6.38
	95	TC	48.05	48.68	49.77	50.24	49.77	50.24	50.71	51.34	52.75	53.53	54.00	54.31	62.30	62.61	62.92
		S/T	1.00	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.58	0.76	1.00	0.39	0.55	0.71
		kW	5.70	5.76	5.83	5.83	5.83	5.87	5.94	6.01	6.03	6.07	6.14	6.18	7.38	7.44	7.49
	105	TC	46.80	47.43	48.52	48.99	48.52	48.99	49.46	50.09	51.65	52.28	52.59	53.06	57.76	57.76	58.07
		S/T	0.99	1.00	0.99	1.00	0.63	0.87	1.00	1.00	0.39	0.59	0.78	1.00	0.39	0.57	0.74
		kW	6.74	6.80	6.87	6.87	6.87	6.96	7.02	7.09	7.11	7.18	7.24	7.29	7.97	7.93	7.97
	115	TC	38.82	39.29	40.07	40.54	40.07	40.54	41.01	41.48	44.14	44.30	43.67	43.83	45.55	45.70	45.86
		S/T	1.00	1.00	1.00	1.00	0.64	0.88	1.00	1.00	0.40	0.62	0.86	1.00	0.40	0.62	0.84
		kW	6.32	6.38	6.45	6.45	6.45	6.52	6.58	6.65	6.76	6.80	6.78	6.82	6.89	6.91	6.94

Performance data (Cooling operation at rated frequency) 60K outdoor unit (WFPU17Y603D) 1900 CFM																	
Airflow (CFM)	Outdoor DB	IWB (°F)	59				63				67						
		IDB (°F)	70	75	80	85	70	75	80	85	70	75	80	85	75	80	85
1900	5	TC	47.86	48.43	49.42	49.99	49.42	49.99	50.56	51.13	52.99	53.41	53.70	54.12	63.38	63.81	64.81
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	3.77	3.81	3.85	3.85	3.85	3.90	3.94	3.97	3.97	4.01	4.06	4.10	4.79	4.83	4.58
	25	TC	49.96	50.56	51.60	52.19	51.60	52.19	52.79	53.38	55.31	55.76	56.06	56.50	66.17	66.62	67.66
		S/T	0.99	1.00	1.00	1.00	0.61	0.83	1.00	1.00	0.39	0.57	0.73	0.90	0.39	0.53	0.67
		kW	4.19	4.23	4.27	4.27	4.27	4.33	4.37	4.41	4.41	4.45	4.51	4.55	5.33	5.37	5.09
	50	TC	52.59	53.22	54.31	54.94	54.31	54.94	55.57	56.19	58.23	58.70	59.01	59.48	69.65	70.12	71.22
		S/T	0.99	1.00	1.00	1.00	0.64	0.88	1.00	1.00	0.39	0.59	0.78	0.99	0.38	0.55	0.71
		kW	4.66	4.70	4.75	4.75	4.75	4.81	4.86	4.90	4.90	4.95	5.01	5.06	5.92	5.96	5.65
	75	TC	52.75	53.37	54.63	55.10	54.63	55.10	55.72	56.35	58.54	58.85	59.32	59.79	71.37	71.69	71.84
		S/T	0.99	1.00	1.00	1.00	0.63	0.88	1.00	1.00	0.39	0.59	0.78	1.00	0.38	0.55	0.71
		kW	4.79	4.84	4.90	4.90	4.90	4.95	4.99	5.06	5.06	5.10	5.15	5.21	6.52	6.54	6.54
	85	TC	51.65	52.28	53.37	54.00	53.37	54.00	54.47	55.10	57.29	57.60	58.07	58.38	67.30	67.62	68.09
		S/T	0.99	1.00	1.00	1.00	0.64	0.89	1.00	1.00	0.39	0.59	0.79	1.00	0.39	0.56	0.73
		kW	5.41	5.46	5.52	5.52	5.52	5.59	5.63	5.70	5.72	5.76	5.81	5.85	6.96	7.02	7.07
	95	TC	50.40	50.87	51.97	52.59	51.97	52.59	53.22	53.69	55.88	56.19	56.50	56.97	64.02	64.33	64.33
		S/T	1.00	1.00	1.00	1.00	0.64	0.90	1.00	1.00	0.39	0.60	0.80	1.00	0.39	0.57	0.75
		kW	6.36	6.43	6.49	6.49	6.49	6.56	6.63	6.69	6.74	6.78	6.82	6.87	7.86	7.88	7.88
	105	TC	48.99	49.46	50.56	51.18	50.56	51.18	51.65	52.28	54.31	54.63	54.94	55.41	58.54	58.85	58.54
		S/T	1.00	1.00	1.00	1.00	0.65	0.90	1.00	1.00	0.39	0.60	0.81	1.00	0.39	0.59	0.79
		kW	7.42	7.49	7.58	7.58	7.58	7.66	7.73	7.82	7.86	7.93	7.97	8.04	8.26	8.30	8.17
	115	TC	39.13	39.44	40.38	40.85	40.38	40.85	41.32	41.64	43.51	43.67	43.83	44.14	46.64	46.80	46.96
		S/T	1.00	1.00	1.00	1.00	0.66	1.00	1.00	1.00	0.40	0.66	0.93	1.00	0.40	0.65	0.90
		kW	6.56	6.63	6.71	6.71	6.71	6.78	6.85	6.91	7.00	7.02	7.07	7.09	7.31	7.33	7.35

Performance data (Heating operation at rated frequency) 60K outdoor unit (WFPU17Y603D)

Airflow (CFM)	°F ID	ODB (°F)	75	65	55	47	35	25	15	5	-4
		OWB (°F)	64	55	48	43	32	23	13	3	-6
600	60	TC	64.80	64.80	64.60	62.10	52.80	49.20	41.25	38.20	33.30
		kW	3.74	3.99	4.70	5.11	4.75	5.07	4.70	4.54	4.32
	70	TC	50.10	49.80	49.90	49.30	49.30	48.20	40.50	37.60	32.70
		kW	2.79	2.95	3.46	4.05	4.85	5.52	5.02	4.89	4.61
	75	TC	42.20	42.00	42.00	42.00	41.40	41.40	38.20	35.20	29.90
		kW	2.33	2.50	2.91	3.45	4.01	4.70	5.25	5.09	4.80
	80	TC	34.60	34.60	34.60	34.50	34.30	34.00	34.00	34.00	29.40
		kW	1.94	2.06	2.42	2.81	3.34	3.77	4.73	5.16	5.01
800	60	TC	72.40	72.40	70.30	62.90	53.60	49.90	42.00	39.00	34.00
		kW	4.42	4.68	5.19	5.01	4.70	5.04	4.66	4.54	4.34
	70	TC	56.10	55.80	55.30	55.00	52.30	48.80	41.10	38.10	33.20
		kW	3.22	3.45	3.96	4.56	5.13	5.45	5.02	4.89	4.65
	75	TC	47.30	47.10	47.10	46.30	46.50	46.50	38.90	35.70	30.30
		kW	2.71	2.88	3.38	3.84	4.59	5.40	5.23	5.07	4.82
	80	TC	38.70	38.70	38.70	38.60	38.10	37.90	38.10	35.20	29.90
		kW	2.23	2.37	2.76	3.19	3.72	4.32	5.42	5.30	5.01
1000	60	TC	80.60	79.30	71.60	64.00	54.40	50.70	42.70	39.70	34.60
		kW	5.19	5.31	5.16	5.01	4.73	5.07	4.75	4.63	4.44
	70	TC	62.00	61.80	61.80	61.60	53.10	49.60	41.90	38.90	33.80
		kW	3.70	3.94	4.63	5.38	5.14	5.49	5.09	4.97	4.75
	75	TC	52.80	52.60	52.00	51.80	51.80	49.00	39.50	36.40	31.10
		kW	3.15	3.34	3.81	4.46	5.30	5.73	5.30	5.16	4.92
	80	TC	43.50	43.30	43.30	43.10	42.50	42.50	39.00	35.90	30.50
		kW	2.62	2.78	3.19	3.72	4.30	4.99	5.50	5.37	5.09

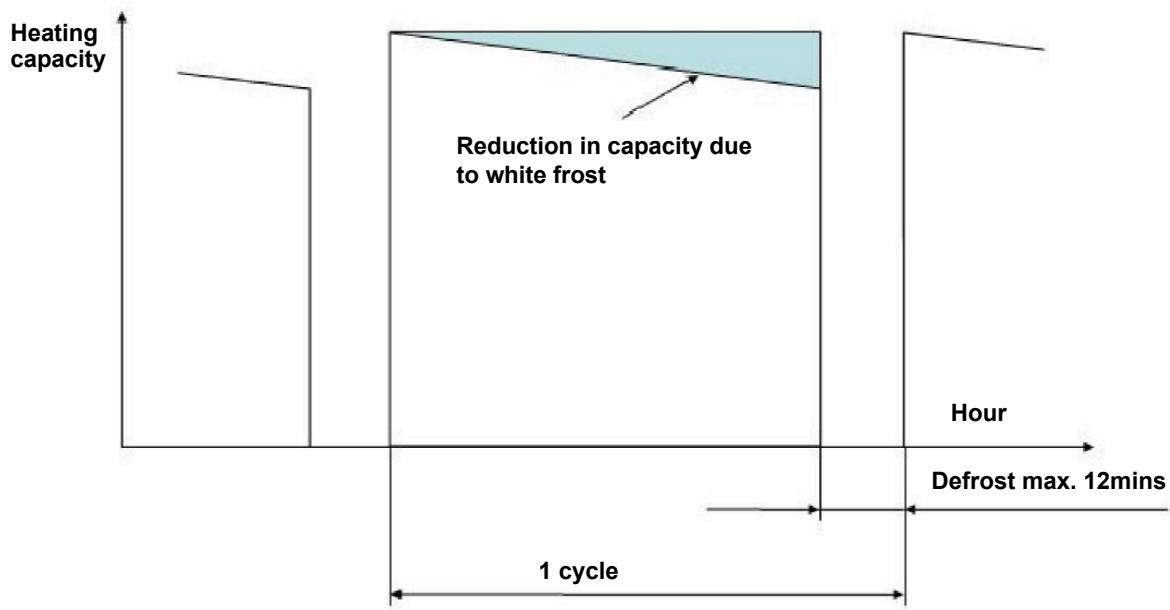
4.3 Correction factors according to defrosting operation

The heating capacity in the previous part, excludes the condition of defrosting operation period. In consideration of defrosting operation, the heating capacity is corrected by the equation below.

Corrected heating capacity = Defrost correction factor × unit capacity

Outdoor temperature [°F(°C)DB]	5(-15)	14(-10)	23(-5)	32(0)	44.6(7)	50(10)	59(15)
Correction factor (humidity rate 85% RH)	0.95	0.95	0.93	0.85	1.0	1.0	1.0

Correction Factor



NOTE:

The correction factor is not valid for special conditions such as snowfall or operation in a transitional period.