

ENGINEERING DATA BOOK

UNI SPLIT SERIES



TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-12BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	2.27	2.07	0.39	2.27	2.07	0.45	2.27	2.07	0.49	2.27	2.07	0.53	2.27	2.07	0.57
	23	16	2.77	2.42	0.50	2.77	2.42	0.58	2.77	2.42	0.63	2.77	2.42	0.68	2.77	2.42	0.74
	26	18	3.13	2.65	0.59	3.13	2.65	0.69	3.13	2.65	0.75	3.13	2.65	0.81	3.13	2.65	0.88
	27	19	3.50	2.83	0.69	3.50	2.83	0.81	3.50	2.83	0.87	3.50	2.83	0.95	3.36	2.75	1.02
	30	22	3.61	2.93	0.70	3.61	2.86	0.82	3.61	2.77	0.88	3.61	2.71	0.96	3.46	2.64	1.04
	32	24	3.67	2.83	0.71	3.67	2.74	0.83	3.67	2.67	0.89	3.67	2.59	0.97	3.53	2.53	1.04
H	20	14	2.20	2.00	0.38	2.20	2.00	0.44	2.20	2.00	0.47	2.20	2.00	0.51	2.20	2.00	0.55
	23	16	2.68	2.35	0.48	2.68	2.35	0.57	2.68	2.35	0.61	2.68	2.35	0.66	2.68	2.35	0.71
	26	18	3.03	2.57	0.58	3.03	2.57	0.67	3.03	2.57	0.72	3.03	2.57	0.79	3.03	2.57	0.85
	27	19	3.40	2.74	0.67	3.40	2.74	0.79	3.40	2.74	0.85	3.40	2.74	0.92	3.26	2.67	0.99
	30	22	3.50	2.84	0.68	3.50	2.77	0.80	3.50	2.69	0.86	3.50	2.63	0.93	3.36	2.56	1.01
	32	24	3.56	2.74	0.69	3.56	2.66	0.80	3.56	2.59	0.86	3.56	2.51	0.94	3.42	2.45	1.01
M	20	14	2.09	1.90	0.36	2.09	1.90	0.42	2.09	1.90	0.45	2.09	1.90	0.49	2.09	1.90	0.53
	23	16	2.54	2.23	0.46	2.54	2.23	0.54	2.54	2.23	0.58	2.54	2.23	0.63	2.54	2.23	0.68
	26	18	2.88	2.43	0.55	2.88	2.43	0.64	2.88	2.43	0.69	2.88	2.43	0.75	2.88	2.43	0.81
	27	19	3.22	2.60	0.64	3.22	2.60	0.75	3.22	2.60	0.80	3.22	2.60	0.87	3.09	2.53	0.94
	30	22	3.32	2.69	0.65	3.32	2.63	0.76	3.32	2.55	0.81	3.32	2.49	0.88	3.18	2.43	0.95
	32	24	3.38	2.60	0.65	3.38	2.52	0.76	3.38	2.46	0.82	3.38	2.39	0.89	3.24	2.33	0.96
L	20	14	2.05	1.86	0.35	2.05	1.86	0.41	2.05	1.86	0.44	2.05	1.86	0.48	2.05	1.86	0.51
	23	16	2.49	2.18	0.45	2.49	2.18	0.53	2.49	2.18	0.56	2.49	2.18	0.61	2.49	2.18	0.66
	26	18	2.82	2.38	0.53	2.82	2.38	0.62	2.82	2.38	0.67	2.82	2.38	0.73	2.82	2.38	0.79
	27	19	3.15	2.54	0.62	3.15	2.54	0.73	3.15	2.54	0.79	3.15	2.54	0.85	3.02	2.48	0.92
	30	22	3.24	2.63	0.63	3.24	2.57	0.74	3.24	2.50	0.79	3.24	2.44	0.86	3.11	2.38	0.93
	32	24	3.31	2.55	0.64	3.31	2.47	0.74	3.31	2.40	0.80	3.31	2.33	0.87	3.17	2.27	0.94

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-12BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	2.94	0.86	2.93	0.89	2.92	0.92	2.92	0.95	2.91	0.98
	-5	-5.6	3.28	0.92	3.27	0.94	3.26	0.97	3.26	1.00	3.25	1.02
	0	-0.7	3.61	0.96	3.61	0.98	3.59	1.01	3.59	1.04	3.59	1.06
	7	6.0	4.02	1.01	4.01	1.03	4.00	1.05	3.85	1.02	3.63	0.95
	10	8.0	4.14	1.04	4.13	1.05	4.00	1.03	3.85	0.95	3.63	0.89
H	-10	-11.0	2.85	0.83	2.84	0.86	2.83	0.89	2.83	0.92	2.82	0.95
	-5	-5.6	3.18	0.89	3.17	0.91	3.16	0.94	3.16	0.97	3.15	0.99
	0	-0.7	3.51	0.93	3.50	0.95	3.49	0.98	3.49	1.01	3.48	1.02
	7	6.0	3.90	0.98	3.89	1.00	3.88	1.02	3.73	0.99	3.52	0.92
	10	8.0	4.02	1.01	4.01	1.02	3.88	1.00	3.73	0.92	3.52	0.86
M	-10	-11.0	2.70	0.79	2.70	0.81	2.69	0.84	2.69	0.87	2.68	0.90
	-5	-5.6	3.02	0.84	3.01	0.86	3.00	0.89	3.00	0.92	2.99	0.94
	0	-0.7	3.33	0.89	3.32	0.90	3.31	0.93	3.31	0.95	3.30	0.97
	7	6.0	3.70	0.93	3.69	0.95	3.68	0.97	3.54	0.93	3.34	0.87
	10	8.0	3.81	0.95	3.80	0.97	3.68	0.95	3.54	0.87	3.34	0.82
L	-10	-11.0	2.65	0.77	2.64	0.80	2.63	0.82	2.63	0.86	2.62	0.88
	-5	-5.6	2.95	0.82	2.94	0.85	2.93	0.87	2.93	0.90	2.92	0.92
	0	-0.7	3.25	0.87	3.24	0.88	3.24	0.91	3.24	0.93	3.23	0.95
	7	6.0	3.62	0.91	3.61	0.93	3.60	0.95	3.46	0.91	3.26	0.86
	10	8.0	3.73	0.93	3.72	0.95	3.60	0.93	3.46	0.85	3.26	0.80

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-18BI

Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	3.25	2.68	0.64	3.25	2.68	0.75	3.25	2.68	0.80	3.25	2.68	0.87	3.25	2.68	0.94
	23	16	3.95	3.15	0.82	3.95	3.15	0.96	3.95	3.15	1.03	3.95	3.15	1.12	3.95	3.15	1.21
	26	18	4.47	3.44	0.98	4.47	3.44	1.14	4.47	3.44	1.23	4.47	3.44	1.33	4.47	3.44	1.44
	27	19	5.00	3.67	1.14	5.00	3.67	1.34	5.00	3.67	1.44	5.00	3.67	1.56	4.80	3.58	1.68
	30	22	5.15	3.80	1.16	5.15	3.71	1.35	5.15	3.60	1.45	5.15	3.52	1.58	4.94	3.43	1.71
	32	24	5.25	3.67	1.16	5.25	3.56	1.36	5.25	3.47	1.46	5.25	3.37	1.59	5.04	3.28	1.72
H	20	14	3.15	2.60	0.62	3.15	2.60	0.72	3.15	2.60	0.78	3.15	2.60	0.85	3.15	2.60	0.91
	23	16	3.83	3.05	0.80	3.83	3.05	0.93	3.83	3.05	1.00	3.83	3.05	1.09	3.83	3.05	1.17
	26	18	4.33	3.33	0.95	4.33	3.33	1.11	4.33	3.33	1.19	4.33	3.33	1.29	4.33	3.33	1.40
	27	19	4.85	3.56	1.11	4.85	3.56	1.30	4.85	3.56	1.39	4.85	3.56	1.51	4.66	3.47	1.63
	30	22	5.00	3.69	1.12	5.00	3.60	1.31	5.00	3.49	1.41	5.00	3.41	1.53	4.80	3.33	1.65
	32	24	5.09	3.56	1.13	5.09	3.45	1.32	5.09	3.36	1.42	5.09	3.27	1.54	4.89	3.18	1.67
M	20	14	2.99	2.47	0.59	2.99	2.47	0.69	2.99	2.47	0.74	2.99	2.47	0.80	2.99	2.47	0.87
	23	16	3.63	2.90	0.75	3.63	2.90	0.88	3.63	2.90	0.95	3.63	2.90	1.03	3.63	2.90	1.11
	26	18	4.11	3.16	0.90	4.11	3.16	1.05	4.11	3.16	1.13	4.11	3.16	1.23	4.11	3.16	1.32
	27	19	4.60	3.38	1.05	4.60	3.38	1.23	4.60	3.38	1.32	4.60	3.38	1.44	4.42	3.29	1.55
	30	22	4.74	3.50	1.06	4.74	3.41	1.24	4.74	3.31	1.34	4.74	3.24	1.45	4.55	3.16	1.57
	32	24	4.83	3.38	1.07	4.83	3.28	1.25	4.83	3.19	1.35	4.83	3.10	1.46	4.64	3.02	1.58
L	20	14	2.92	2.41	0.57	2.92	2.41	0.67	2.92	2.41	0.72	2.92	2.41	0.78	2.92	2.41	0.85
	23	16	3.56	2.83	0.74	3.56	2.83	0.86	3.56	2.83	0.93	3.56	2.83	1.01	3.56	2.83	1.09
	26	18	4.02	3.09	0.88	4.02	3.09	1.03	4.02	3.09	1.10	4.02	3.09	1.20	4.02	3.09	1.30
	27	19	4.50	3.30	1.03	4.50	3.30	1.20	4.50	3.30	1.29	4.50	3.30	1.40	4.32	3.22	1.52
	30	22	4.64	3.42	1.04	4.64	3.34	1.22	4.64	3.24	1.31	4.64	3.17	1.42	4.45	3.09	1.53
	32	24	4.72	3.31	1.05	4.72	3.21	1.23	4.72	3.12	1.32	4.72	3.03	1.43	4.53	2.95	1.55

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-18BI

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	4.04	1.35	4.03	1.39	4.02	1.44	4.02	1.49	4.00	1.54
	-5	-5.6	4.51	1.44	4.49	1.48	4.48	1.52	4.48	1.57	4.47	1.60
	0	-0.7	4.97	1.51	4.96	1.54	4.94	1.59	4.94	1.63	4.93	1.66
	7	6	5.53	1.59	5.51	1.62	5.50	1.65	5.29	1.60	4.99	1.49
	10	8	5.69	1.63	5.68	1.65	5.50	1.62	5.29	1.49	4.99	1.40
H	-10	-11	3.92	1.31	3.91	1.35	3.90	1.40	3.90	1.45	3.88	1.49
	-5	-5.6	4.37	1.40	4.36	1.43	4.35	1.48	4.35	1.52	4.33	1.55
	0	-0.7	4.82	1.47	4.81	1.50	4.79	1.54	4.79	1.58	4.78	1.61
	7	6	5.36	1.54	5.35	1.57	5.34	1.60	5.13	1.55	4.84	1.45
	10	8	5.52	1.58	5.51	1.60	5.34	1.57	5.13	1.44	4.84	1.35
M	-10	-11	3.72	1.24	3.71	1.28	3.69	1.33	3.69	1.37	3.68	1.41
	-5	-5.6	4.15	1.33	4.13	1.36	4.12	1.40	4.12	1.44	4.11	1.47
	0	-0.7	4.57	1.39	4.56	1.42	4.55	1.46	4.55	1.50	4.54	1.53
	7	6	5.08	1.46	5.07	1.49	5.06	1.52	4.87	1.47	4.59	1.37
	10	8	5.24	1.50	5.22	1.52	5.06	1.49	4.87	1.37	4.59	1.28
L	-10	-11	3.64	1.22	3.63	1.25	3.61	1.30	3.61	1.34	3.60	1.38
	-5	-5.6	4.06	1.30	4.04	1.33	4.03	1.37	4.03	1.41	4.02	1.44
	0	-0.7	4.47	1.36	4.46	1.39	4.45	1.43	4.45	1.47	4.44	1.49
	7	6	4.97	1.43	4.96	1.46	4.95	1.49	4.76	1.44	4.49	1.34
	10	8	5.12	1.47	5.11	1.49	4.95	1.46	4.76	1.34	4.49	1.26

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-24BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	4.54	3.91	0.85	4.54	3.91	0.99	4.54	3.91	1.07	4.54	3.91	1.16	4.54	3.91	1.25
	23	16	5.52	4.59	1.09	5.52	4.59	1.28	5.52	4.59	1.37	5.52	4.59	1.49	5.52	4.59	1.61
	26	18	6.25	5.01	1.30	6.25	5.01	1.52	6.25	5.01	1.63	6.25	5.01	1.78	6.25	5.01	1.92
	27	19	6.99	5.35	1.52	6.99	5.35	1.78	6.99	5.35	1.91	7.00	5.35	2.05	6.71	5.21	2.24
	30	22	7.20	5.54	1.54	7.20	5.41	1.80	7.20	5.25	1.93	7.20	5.13	2.10	6.91	5.00	2.27
	32	24	7.34	5.36	1.55	7.34	5.19	1.81	7.34	5.05	1.95	7.34	4.91	2.12	7.04	4.79	2.29
H	20	14	4.40	3.79	0.82	4.40	3.79	0.96	4.40	3.79	1.04	4.40	3.79	1.13	4.40	3.79	1.22
	23	16	5.36	4.45	1.06	5.36	4.45	1.24	5.36	4.45	1.33	5.36	4.45	1.45	5.36	4.45	1.56
	26	18	6.06	4.86	1.26	6.06	4.86	1.48	6.06	4.86	1.58	6.06	4.86	1.72	6.06	4.86	1.86
	27	19	6.78	5.19	1.48	6.78	5.19	1.73	6.78	5.19	1.85	6.78	5.19	2.01	6.51	5.06	2.18
	30	22	6.98	5.38	1.49	6.98	5.25	1.75	6.98	5.09	1.88	6.98	4.98	2.04	6.70	4.85	2.20
	32	24	7.12	5.19	1.50	7.12	5.04	1.76	7.12	4.90	1.89	7.12	4.76	2.05	6.83	4.64	2.22
M	20	14	4.18	3.60	0.78	4.18	3.60	0.91	4.18	3.60	0.98	4.18	3.60	1.07	4.18	3.60	1.15
	23	16	5.08	4.22	1.01	5.08	4.22	1.18	5.08	4.22	1.26	5.08	4.22	1.37	5.08	4.22	1.48
	26	18	5.75	4.61	1.20	5.75	4.61	1.40	5.75	4.61	1.50	5.75	4.61	1.63	5.75	4.61	1.76
	27	19	6.43	4.92	1.40	6.43	4.92	1.64	6.43	4.92	1.76	6.43	4.92	1.91	6.17	4.80	2.06
	30	22	6.62	5.10	1.42	6.62	4.98	1.66	6.62	4.83	1.78	6.62	4.72	1.93	6.36	4.60	2.09
	32	24	6.75	4.93	1.43	6.75	4.78	1.67	6.75	4.65	1.79	6.75	4.52	1.95	6.48	4.40	2.10
L	20	14	4.08	3.52	0.76	4.08	3.52	0.89	4.08	3.52	0.96	4.08	3.52	1.04	4.08	3.52	1.13
	23	16	4.97	4.13	0.98	4.97	4.13	1.15	4.97	4.13	1.24	4.97	4.13	1.34	4.97	4.13	1.45
	26	18	5.62	4.51	1.17	5.62	4.51	1.37	5.62	4.51	1.47	5.62	4.51	1.60	5.62	4.51	1.73
	27	19	6.29	4.82	1.37	6.29	4.82	1.60	6.29	4.82	1.72	6.29	4.82	1.87	6.04	4.69	2.02
	30	22	6.48	4.99	1.39	6.48	4.87	1.62	6.48	4.73	1.74	6.48	4.62	1.89	6.22	4.50	2.04
	32	24	6.60	4.82	1.40	6.60	4.67	1.63	6.60	4.55	1.75	6.60	4.42	1.90	6.34	4.31	2.06

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-24BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	5.99	1.81	5.97	1.86	5.95	1.93	5.95	2.00	5.93	2.06
	-5	-5.6	6.67	1.93	6.65	1.98	6.63	2.04	6.63	2.10	6.61	2.15
	0	-0.7	7.36	2.03	7.34	2.07	7.32	2.13	7.32	2.18	7.30	2.22
	7	6.0	8.18	2.13	8.17	2.17	8.00	2.20	7.83	2.14	7.38	2.00
	10	8.0	8.43	2.19	8.41	2.21	8.15	2.17	7.83	1.99	7.38	1.87
H	-10	-11.0	5.81	1.76	5.79	1.81	5.77	1.87	5.77	1.94	5.75	2.00
	-5	-5.6	6.47	1.87	6.45	1.92	6.43	1.98	6.43	2.04	6.42	2.08
	0	-0.7	7.14	1.97	7.12	2.01	7.10	2.07	7.10	2.12	7.08	2.16
	7	6.0	7.94	2.07	7.92	2.10	7.90	2.15	7.60	2.08	7.16	1.94
	10	8.0	8.18	2.12	8.16	2.15	7.90	2.10	7.60	1.93	7.16	1.81
M	-10	-11.0	5.51	1.67	5.49	1.72	5.47	1.78	5.47	1.84	5.45	1.89
	-5	-5.6	6.14	1.78	6.12	1.82	6.10	1.88	6.10	1.93	6.09	1.97
	0	-0.7	6.77	1.87	6.75	1.90	6.73	1.96	6.73	2.01	6.72	2.05
	7	6.0	7.53	1.96	7.51	1.99	7.49	2.04	7.21	1.97	6.79	1.84
	10	8.0	7.76	2.01	7.74	2.04	7.49	2.00	7.21	1.83	6.79	1.72
L	-10	-11.0	5.39	1.63	5.37	1.68	5.35	1.74	5.35	1.80	5.33	1.85
	-5	-5.6	6.01	1.74	5.99	1.78	5.97	1.84	5.97	1.89	5.95	1.93
	0	-0.7	6.62	1.83	6.61	1.86	6.59	1.92	6.59	1.97	6.57	2.00
	7	6.0	7.37	1.92	7.35	1.95	7.33	1.99	7.05	1.93	6.64	1.80
	10	8.0	7.59	1.97	7.57	1.99	7.33	1.95	7.05	1.79	6.64	1.68

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-30BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	5.52	5.70	1.15	5.52	5.70	1.34	5.52	5.70	1.44	5.52	5.70	1.56	5.52	5.70	1.69
	23	16	6.72	6.69	1.47	6.72	6.69	1.72	6.72	6.69	1.85	6.72	6.69	2.01	6.72	6.69	2.17
	26	18	7.60	7.31	1.75	7.60	7.31	2.05	7.60	7.31	2.20	7.60	7.31	2.39	7.60	7.31	2.58
	27	19	8.50	7.80	2.05	8.50	7.80	2.40	8.50	7.80	2.58	8.50	7.80	2.80	8.16	7.60	3.02
	30	22	8.76	8.08	2.08	8.76	7.89	2.43	8.76	7.66	2.61	8.76	7.48	2.83	8.41	7.29	3.06
	32	24	8.92	7.81	2.09	8.92	7.57	2.44	8.92	7.37	2.63	8.92	7.16	2.85	8.57	6.98	3.08
H	20	14	5.35	5.53	1.11	5.35	5.53	1.30	5.35	5.53	1.40	5.35	5.53	1.52	5.35	5.53	1.64
	23	16	6.51	6.49	1.43	6.51	6.49	1.67	6.51	6.49	1.80	6.51	6.49	1.95	6.51	6.49	2.11
	26	18	7.37	7.09	1.70	7.37	7.09	1.99	7.37	7.09	2.14	7.37	7.09	2.32	7.37	7.09	2.51
	27	19	8.25	7.57	1.99	8.25	7.57	2.33	8.25	7.57	2.50	8.25	7.57	2.72	7.92	7.37	2.93
	30	22	8.49	7.84	2.01	8.49	7.65	2.36	8.49	7.43	2.53	8.49	7.26	2.75	8.15	7.07	2.97
	32	24	8.65	7.57	2.03	8.65	7.34	2.37	8.65	7.15	2.55	8.65	6.94	2.77	8.31	6.77	2.99
M	20	14	5.08	5.25	1.05	5.08	5.25	1.23	5.08	5.25	1.32	5.08	5.25	1.44	5.08	5.25	1.55
	23	16	6.18	6.15	1.35	6.18	6.15	1.59	6.18	6.15	1.70	6.18	6.15	1.85	6.18	6.15	2.00
	26	18	6.99	6.72	1.61	6.99	6.72	1.89	6.99	6.72	2.03	6.99	6.72	2.20	6.99	6.72	2.38
	27	19	7.82	7.18	1.89	7.82	7.18	2.21	7.82	7.18	2.37	7.82	7.18	2.58	7.51	6.99	2.78
	30	22	8.05	7.44	1.91	8.05	7.26	2.23	8.05	7.04	2.40	8.05	6.88	2.61	7.73	6.71	2.82
	32	24	8.21	7.18	1.92	8.21	6.96	2.25	8.21	6.78	2.42	8.21	6.59	2.63	7.88	6.42	2.84
L	20	14	4.97	5.13	1.03	4.97	5.13	1.21	4.97	5.13	1.30	4.97	5.13	1.41	4.97	5.13	1.52
	23	16	6.04	6.02	1.33	6.04	6.02	1.55	6.04	6.02	1.67	6.04	6.02	1.81	6.04	6.02	1.95
	26	18	6.84	6.58	1.58	6.84	6.58	1.85	6.84	6.58	1.98	6.84	6.58	2.15	6.84	6.58	2.33
	27	19	7.65	7.02	1.85	7.65	7.02	2.16	7.65	7.02	2.32	7.65	7.02	2.52	7.34	6.84	2.72
	30	22	7.88	7.27	1.87	7.88	7.10	2.19	7.88	6.89	2.35	7.88	6.73	2.55	7.56	6.56	2.75
	32	24	8.03	7.03	1.88	8.03	6.81	2.20	8.03	6.63	2.36	8.03	6.44	2.57	7.71	6.28	2.77

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-30BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	6.47	2.17	6.45	2.23	6.43	2.31	6.43	2.40	6.40	2.47
	-5	-5.6	7.21	2.31	7.19	2.37	7.17	2.45	7.17	2.52	7.15	2.57
	0	-0.7	7.95	2.43	7.93	2.48	7.91	2.55	7.91	2.62	7.89	2.66
	7	6.0	8.84	2.55	8.82	2.60	8.80	2.65	8.46	2.56	7.98	2.40
	10	8.0	9.11	2.62	9.09	2.65	8.80	2.60	8.46	2.39	7.98	2.24
H	-10	-11.0	6.27	2.10	6.25	2.17	6.23	2.24	6.23	2.33	6.21	2.39
	-5	-5.6	6.99	2.24	6.97	2.30	6.95	2.37	6.95	2.44	6.93	2.49
	0	-0.7	7.71	2.36	7.69	2.40	7.67	2.47	7.67	2.54	7.65	2.58
	7	6.0	8.58	2.47	8.56	2.52	8.54	2.57	8.21	2.49	7.74	2.33
	10	8.0	8.83	2.54	8.81	2.57	8.54	2.52	8.21	2.31	7.74	2.17
M	-10	-11.0	5.95	2.00	5.93	2.06	5.91	2.13	5.91	2.21	5.89	2.27
	-5	-5.6	6.63	2.13	6.61	2.18	6.59	2.25	6.59	2.32	6.57	2.37
	0	-0.7	7.32	2.24	7.30	2.28	7.28	2.35	7.28	2.41	7.26	2.45
	7	6.0	8.14	2.35	8.12	2.39	8.10	2.44	7.78	2.36	7.34	2.21
	10	8.0	8.38	2.41	8.36	2.44	8.10	2.39	7.78	2.20	7.34	2.06
L	-10	-11.0	5.82	1.95	5.80	2.01	5.78	2.08	5.78	2.16	5.76	2.22
	-5	-5.6	6.49	2.08	6.47	2.14	6.45	2.20	6.45	2.27	6.43	2.31
	0	-0.7	7.16	2.19	7.14	2.23	7.12	2.30	7.12	2.36	7.10	2.40
	7	6.0	7.96	2.30	7.94	2.34	7.92	2.39	7.62	2.31	7.18	2.16
	10	8.0	8.20	2.36	8.18	2.39	7.92	2.34	7.62	2.15	7.18	2.02

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-36BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	6.55	5.58	1.29	6.55	5.58	1.52	6.55	5.58	1.63	6.55	5.58	1.77	6.55	5.58	1.91
	23	16	7.97	6.54	1.67	7.97	6.54	1.95	7.97	6.54	2.09	7.97	6.54	2.27	7.97	6.54	2.46
	26	18	9.02	7.15	1.98	9.02	7.15	2.32	9.02	7.15	2.49	9.02	7.15	2.71	9.02	7.15	2.92
	27	19	10.09	7.63	2.32	10.09	7.63	2.71	10.09	7.63	2.91	10.00	7.63	3.15	9.69	7.44	3.42
	30	22	10.40	7.91	2.35	10.40	7.72	2.75	10.40	7.49	2.95	10.40	7.32	3.20	9.98	7.13	3.46
	32	24	10.59	7.64	2.36	10.59	7.41	2.76	10.59	7.21	2.97	10.59	7.00	3.23	10.17	6.83	3.48
H	20	14	6.36	5.41	1.26	6.36	5.41	1.47	6.36	5.41	1.58	6.36	5.41	1.72	6.36	5.41	1.85
	23	16	7.74	6.35	1.62	7.74	6.35	1.89	7.74	6.35	2.03	7.74	6.35	2.21	7.74	6.35	2.38
	26	18	8.75	6.93	1.92	8.75	6.93	2.25	8.75	6.93	2.42	8.75	6.93	2.62	8.75	6.93	2.83
	27	19	9.79	7.40	2.25	9.79	7.40	2.63	9.79	7.40	2.83	9.79	7.40	3.07	9.40	7.22	3.32
	30	22	10.08	7.67	2.28	10.08	7.49	2.66	10.08	7.27	2.86	10.08	7.10	3.11	9.68	6.92	3.36
	32	24	10.28	7.41	2.29	10.28	7.18	2.68	10.28	6.99	2.88	10.28	6.79	3.13	9.87	6.62	3.38
M	20	14	6.03	5.13	1.19	6.03	5.13	1.39	6.03	5.13	1.50	6.03	5.13	1.63	6.03	5.13	1.76
	23	16	7.34	6.02	1.53	7.34	6.02	1.79	7.34	6.02	1.93	7.34	6.02	2.09	7.34	6.02	2.26
	26	18	8.30	6.58	1.82	8.30	6.58	2.13	8.30	6.58	2.29	8.30	6.58	2.49	8.30	6.58	2.69
	27	19	9.29	7.02	2.13	9.29	7.02	2.50	9.29	7.02	2.68	9.29	7.02	2.91	8.91	6.84	3.15
	30	22	9.56	7.28	2.16	9.56	7.10	2.53	9.56	6.89	2.71	9.56	6.73	2.95	9.18	6.56	3.18
	32	24	9.75	7.03	2.17	9.75	6.81	2.54	9.75	6.63	2.73	9.75	6.44	2.97	9.36	6.28	3.21
L	20	14	5.90	5.02	1.17	5.90	5.02	1.36	5.90	5.02	1.46	5.90	5.02	1.59	5.90	5.02	1.72
	23	16	7.18	5.89	1.50	7.18	5.89	1.75	7.18	5.89	1.88	7.18	5.89	2.05	7.18	5.89	2.21
	26	18	8.12	6.43	1.78	8.12	6.43	2.09	8.12	6.43	2.24	8.12	6.43	2.44	8.12	6.43	2.63
	27	19	9.08	6.87	2.09	9.08	6.87	2.44	9.08	6.87	2.62	9.08	6.87	2.85	8.72	6.70	3.08
	30	22	9.36	7.12	2.11	9.36	6.95	2.47	9.36	6.74	2.65	9.36	6.59	2.88	8.98	6.42	3.11
	32	24	9.53	6.88	2.13	9.53	6.67	2.49	9.53	6.49	2.67	9.53	6.30	2.90	9.15	6.14	3.14

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-36BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	8.82	2.91	8.79	2.99	8.76	3.10	8.76	3.21	8.73	3.30
	-5	-5.6	9.83	3.10	9.80	3.18	9.77	3.28	9.77	3.37	9.75	3.44
	0	-0.7	10.84	3.26	10.82	3.32	10.78	3.42	10.78	3.51	10.76	3.57
	7	6.0	12.06	3.42	12.03	3.48	12.00	3.55	11.54	3.43	10.88	3.21
	10	8.0	12.42	3.51	12.39	3.55	12.00	3.48	11.54	3.20	10.88	3.00
H	-10	-11.0	8.55	2.82	8.53	2.90	8.50	3.01	8.50	3.12	8.47	3.20
	-5	-5.6	9.54	3.01	9.51	3.08	9.48	3.18	9.48	3.27	9.45	3.34
	0	-0.7	10.52	3.16	10.49	3.22	10.46	3.31	10.46	3.40	10.43	3.46
	7	6.0	11.70	3.31	11.67	3.37	11.64	3.44	11.19	3.33	10.55	3.12
	10	8.0	12.05	3.40	12.02	3.44	11.64	3.38	11.19	3.10	10.55	2.91
M	-10	-11.0	8.11	2.67	8.09	2.75	8.06	2.85	8.06	2.96	8.03	3.04
	-5	-5.6	9.05	2.85	9.02	2.92	8.99	3.01	8.99	3.10	8.97	3.17
	0	-0.7	9.98	3.00	9.95	3.05	9.92	3.14	9.92	3.23	9.90	3.28
	7	6.0	11.09	3.14	11.07	3.20	11.04	3.27	10.62	3.16	10.01	2.96
	10	8.0	11.43	3.23	11.40	3.27	11.04	3.20	10.62	2.94	10.01	2.76
L	-10	-11.0	7.94	2.61	7.91	2.69	7.89	2.79	7.89	2.89	7.86	2.97
	-5	-5.6	8.85	2.79	8.82	2.86	8.80	2.95	8.80	3.04	8.77	3.10
	0	-0.7	9.76	2.93	9.73	2.99	9.71	3.08	9.71	3.16	9.68	3.21
	7	6.0	10.85	3.08	10.83	3.13	10.80	3.20	10.39	3.09	9.79	2.89
	10	8.0	11.18	3.16	11.15	3.20	10.80	3.13	10.39	2.88	9.79	2.70

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-42BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	7.86	6.89	1.68	7.86	6.89	1.96	7.86	6.89	2.11	7.86	6.89	2.29	7.86	6.89	2.47
	23	16	9.56	8.09	2.16	9.56	8.09	2.52	9.56	8.09	2.71	9.56	8.09	2.94	9.56	8.09	3.18
	26	18	10.81	8.83	2.57	10.81	8.83	3.00	10.81	8.83	3.22	10.81	8.83	3.50	10.81	8.83	3.78
	27	19	12.10	9.43	3.00	12.10	9.43	3.51	12.10	9.43	3.77	12.10	9.43	4.10	11.62	9.19	4.43
	30	22	12.46	9.77	3.04	12.46	9.53	3.56	12.46	9.26	3.82	12.46	9.04	4.15	11.97	8.81	4.48
	32	24	12.70	9.44	3.06	12.70	9.15	3.58	12.70	8.91	3.84	12.70	8.65	4.18	12.19	8.44	4.51
H	20	14	7.62	6.69	1.63	7.62	6.69	1.90	7.62	6.69	2.04	7.62	6.69	2.22	7.62	6.69	2.40
	23	16	9.27	7.84	2.09	9.27	7.84	2.45	9.27	7.84	2.63	9.27	7.84	2.86	9.27	7.84	3.08
	26	18	10.49	8.57	2.49	10.49	8.57	2.91	10.49	8.57	3.13	10.49	8.57	3.40	10.49	8.57	3.67
	27	19	11.74	9.15	2.91	11.74	9.15	3.41	11.74	9.15	3.66	11.74	9.15	3.98	11.27	8.92	4.30
	30	22	12.09	9.48	2.95	12.09	9.25	3.45	12.09	8.98	3.70	12.09	8.77	4.02	11.61	8.55	4.35
	32	24	12.32	9.16	2.97	12.32	8.88	3.47	12.32	8.64	3.73	12.32	8.39	4.05	11.83	8.18	4.38
M	20	14	7.23	6.34	1.54	7.23	6.34	1.81	7.23	6.34	1.94	7.23	6.34	2.11	7.23	6.34	2.28
	23	16	8.80	7.44	1.98	8.80	7.44	2.32	8.80	7.44	2.49	8.80	7.44	2.71	8.80	7.44	2.93
	26	18	9.95	8.13	2.36	9.95	8.13	2.76	9.95	8.13	2.97	9.95	8.13	3.22	9.95	8.13	3.48
	27	19	11.13	8.67	2.76	11.13	8.67	3.23	11.13	8.67	3.47	11.13	8.67	3.77	10.69	8.46	4.07
	30	22	11.47	8.99	2.80	11.47	8.77	3.27	11.47	8.52	3.51	11.47	8.32	3.82	11.01	8.11	4.12
	32	24	11.68	8.68	2.82	11.68	8.42	3.29	11.68	8.20	3.54	11.68	7.96	3.84	11.22	7.76	4.15
L	20	14	7.07	6.20	1.51	7.07	6.20	1.77	7.07	6.20	1.90	7.07	6.20	2.06	7.07	6.20	2.23
	23	16	8.60	7.28	1.94	8.60	7.28	2.27	8.60	7.28	2.44	8.60	7.28	2.65	8.60	7.28	2.86
	26	18	9.73	7.95	2.31	9.73	7.95	2.70	9.73	7.95	2.90	9.73	7.95	3.15	9.73	7.95	3.41
	27	19	10.89	8.49	2.70	10.89	8.49	3.16	10.89	8.49	3.40	10.89	8.49	3.69	10.46	8.27	3.99
	30	22	11.22	8.79	2.73	11.22	8.58	3.20	11.22	8.33	3.44	11.22	8.14	3.73	10.77	7.93	4.03
	32	24	11.43	8.49	2.75	11.43	8.23	3.22	11.43	8.02	3.46	11.43	7.79	3.76	10.97	7.59	4.06

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-42BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	9.92	3.44	9.89	3.54	9.86	3.67	9.86	3.80	9.82	3.91
	-5	-5.6	11.06	3.67	11.03	3.76	11.00	3.88	11.00	3.99	10.96	4.07
	0	-0.7	12.20	3.85	12.17	3.93	12.13	4.04	12.13	4.15	12.10	4.22
	7	6.0	13.57	4.04	13.53	4.12	13.50	4.20	12.98	4.06	12.24	3.80
	10	8.0	13.97	4.15	13.94	4.20	13.50	4.12	12.98	3.78	12.24	3.55
H	-10	-11.0	9.62	3.33	9.59	3.43	9.56	3.56	9.56	3.69	9.53	3.79
	-5	-5.6	10.73	3.56	10.70	3.65	10.67	3.76	10.67	3.87	10.63	3.95
	0	-0.7	11.83	3.74	11.80	3.81	11.77	3.92	11.77	4.02	11.74	4.09
	7	6.0	13.16	3.92	13.13	3.99	13.10	4.07	12.59	3.94	11.87	3.69
	10	8.0	13.55	4.02	13.52	4.08	13.10	3.99	12.59	3.67	11.87	3.45
M	-10	-11.0	9.13	3.16	9.10	3.26	9.07	3.37	9.07	3.50	9.04	3.60
	-5	-5.6	10.18	3.37	10.14	3.46	10.12	3.57	10.12	3.67	10.09	3.75
	0	-0.7	11.22	3.55	11.19	3.61	11.16	3.72	11.16	3.82	11.13	3.88
	7	6.0	12.48	3.72	12.45	3.79	12.42	3.86	11.94	3.74	11.26	3.50
	10	8.0	12.85	3.82	12.82	3.87	12.42	3.79	11.94	3.48	11.26	3.27
L	-10	-11.0	8.93	3.09	8.90	3.19	8.87	3.30	8.87	3.42	8.84	3.52
	-5	-5.6	9.96	3.30	9.92	3.38	9.90	3.49	9.90	3.59	9.87	3.67
	0	-0.7	10.98	3.47	10.95	3.53	10.92	3.64	10.92	3.73	10.89	3.80
	7	6.0	12.21	3.64	12.18	3.70	12.15	3.78	11.68	3.66	11.01	3.42
	10	8.0	12.57	3.73	12.54	3.78	12.15	3.71	11.68	3.40	11.01	3.20

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-48BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	8.70	7.38	1.90	8.70	7.38	2.23	8.70	7.38	2.39	8.70	7.38	2.60	8.70	7.38	2.80
	23	16	10.59	8.66	2.45	10.59	8.66	2.86	10.59	8.66	3.07	10.59	8.66	3.34	10.59	8.66	3.61
	26	18	11.97	9.46	2.91	11.97	9.46	3.41	11.97	9.46	3.66	11.97	9.46	3.97	11.97	9.46	4.29
	27	19	13.40	10.10	3.41	13.40	10.10	3.98	13.40	10.10	4.28	13.40	10.10	4.65	12.86	9.85	5.02
	30	22	13.80	10.47	3.45	13.80	10.21	4.03	13.80	9.91	4.33	13.80	9.69	4.71	13.25	9.44	5.08
	32	24	14.06	10.11	3.47	14.06	9.80	4.06	14.06	9.54	4.36	14.06	9.27	4.74	13.50	9.04	5.12
H	20	14	8.44	7.16	1.84	8.44	7.16	2.16	8.44	7.16	2.32	8.44	7.16	2.52	8.44	7.16	2.72
	23	16	10.27	8.40	2.37	10.27	8.40	2.78	10.27	8.40	2.98	10.27	8.40	3.24	10.27	8.40	3.50
	26	18	11.62	9.18	2.82	11.62	9.18	3.30	11.62	9.18	3.55	11.62	9.18	3.86	11.62	9.18	4.16
	27	19	13.00	9.80	3.30	13.00	9.80	3.86	13.00	9.80	4.15	13.00	9.80	4.51	12.48	9.55	4.87
	30	22	13.39	10.15	3.34	13.39	9.91	3.91	13.39	9.62	4.20	13.39	9.40	4.56	12.85	9.16	4.93
	32	24	13.64	9.81	3.37	13.64	9.51	3.94	13.64	9.26	4.23	13.64	8.99	4.60	13.10	8.76	4.96
M	20	14	8.00	6.79	1.75	8.00	6.79	2.05	8.00	6.79	2.20	8.00	6.79	2.39	8.00	6.79	2.58
	23	16	9.74	7.97	2.25	9.74	7.97	2.63	9.74	7.97	2.83	9.74	7.97	3.07	9.74	7.97	3.32
	26	18	11.02	8.70	2.68	11.02	8.70	3.13	11.02	8.70	3.36	11.02	8.70	3.66	11.02	8.70	3.95
	27	19	12.33	9.29	3.13	12.33	9.29	3.67	12.33	9.29	3.94	12.33	9.29	4.28	11.84	9.06	4.62
	30	22	12.70	9.63	3.17	12.70	9.40	3.71	12.70	9.12	3.98	12.70	8.91	4.33	12.19	8.69	4.68
	32	24	12.94	9.30	3.19	12.94	9.02	3.74	12.94	8.78	4.01	12.94	8.53	4.36	12.42	8.31	4.71
L	20	14	7.83	6.65	1.71	7.83	6.65	2.00	7.83	6.65	2.15	7.83	6.65	2.34	7.83	6.65	2.52
	23	16	9.53	7.79	2.20	9.53	7.79	2.58	9.53	7.79	2.77	9.53	7.79	3.01	9.53	7.79	3.25
	26	18	10.78	8.51	2.62	10.78	8.51	3.06	10.78	8.51	3.29	10.78	8.51	3.58	10.78	8.51	3.86
	27	19	12.06	9.09	3.06	12.06	9.09	3.59	12.06	9.09	3.85	12.06	9.09	4.19	11.58	8.86	4.52
	30	22	12.42	9.42	3.10	12.42	9.19	3.63	12.42	8.92	3.90	12.42	8.72	4.24	11.93	8.50	4.57
	32	24	12.66	9.10	3.12	12.66	8.82	3.65	12.66	8.59	3.92	12.66	8.34	4.26	12.15	8.13	4.61

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-48BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	11.39	3.56	11.35	3.67	11.32	3.80	11.32	3.94	11.28	4.05
	-5	-5.6	12.70	3.80	12.66	3.89	12.62	4.01	12.62	4.13	12.59	4.22
	0	-0.7	14.01	3.99	13.97	4.07	13.93	4.19	13.93	4.30	13.89	4.37
	7	6.0	15.58	4.19	15.54	4.26	15.50	4.35	14.90	4.21	14.05	3.94
	10	8.0	16.04	4.30	16.00	4.35	15.50	4.26	14.90	3.92	14.05	3.68
H	-10	-11.0	11.05	3.45	11.01	3.56	10.98	3.68	10.98	3.82	10.94	3.93
	-5	-5.6	12.32	3.68	12.28	3.78	12.25	3.89	12.25	4.01	12.21	4.09
	0	-0.7	13.59	3.87	13.55	3.95	13.51	4.06	13.51	4.17	13.48	4.24
	7	6.0	15.11	4.06	15.07	4.14	15.04	4.22	14.46	4.08	13.63	3.82
	10	8.0	15.56	4.17	15.52	4.22	15.04	4.14	14.46	3.80	13.63	3.57
M	-10	-11.0	10.48	3.28	10.45	3.37	10.41	3.49	10.41	3.62	10.38	3.72
	-5	-5.6	11.68	3.49	11.65	3.58	11.61	3.69	11.61	3.80	11.58	3.88
	0	-0.7	12.89	3.67	12.85	3.74	12.82	3.85	12.82	3.95	12.78	4.02
	7	6.0	14.33	3.85	14.30	3.92	14.26	4.00	13.71	3.87	12.93	3.62
	10	8.0	14.76	3.95	14.72	4.00	14.26	3.92	13.71	3.60	12.93	3.38
L	-10	-11.0	10.25	3.20	10.22	3.30	10.19	3.42	10.19	3.54	10.15	3.64
	-5	-5.6	11.43	3.42	11.39	3.51	11.36	3.61	11.36	3.72	11.33	3.80
	0	-0.7	12.61	3.59	12.57	3.66	12.54	3.77	12.54	3.87	12.50	3.93
	7	6.0	14.02	3.77	13.99	3.84	13.95	3.92	13.41	3.79	12.64	3.54
	10	8.0	14.44	3.87	14.40	3.92	13.95	3.84	13.41	3.53	12.64	3.31

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-60BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	9.41	7.77	2.25	9.41	7.77	2.63	9.41	7.77	2.83	9.41	7.77	3.07	9.41	7.77	3.32
	23	16	11.46	9.12	2.89	11.46	9.12	3.38	11.46	9.12	3.64	11.46	9.12	3.95	11.46	9.12	4.27
	26	18	12.96	9.96	3.44	12.96	9.96	4.03	12.96	9.96	4.33	12.96	9.96	4.70	12.96	9.96	5.08
	27	19	14.50	10.63	4.03	14.50	10.63	4.71	14.50	10.63	5.06	14.50	10.63	5.50	13.92	10.36	5.94
	30	22	14.94	11.02	4.08	14.94	10.75	4.77	14.94	10.43	5.12	14.94	10.19	5.57	14.34	9.94	6.01
	32	24	15.22	10.64	4.10	15.22	10.32	4.80	15.22	10.04	5.16	15.22	9.76	5.60	14.61	9.51	6.05
H	20	14	9.13	7.54	2.18	9.13	7.54	2.55	9.13	7.54	2.74	9.13	7.54	2.98	9.13	7.54	3.22
	23	16	11.11	8.84	2.81	11.11	8.84	3.28	11.11	8.84	3.53	11.11	8.84	3.83	11.11	8.84	4.14
	26	18	12.57	9.66	3.34	12.57	9.66	3.91	12.57	9.66	4.20	12.57	9.66	4.56	12.57	9.66	4.92
	27	19	14.07	10.31	3.91	14.07	10.31	4.57	14.07	10.31	4.91	14.07	10.31	5.34	13.50	10.05	5.76
	30	22	14.49	10.69	3.95	14.49	10.43	4.63	14.49	10.12	4.97	14.49	9.89	5.40	13.91	9.64	5.83
	32	24	14.76	10.32	3.98	14.76	10.01	4.66	14.76	9.74	5.00	14.76	9.46	5.44	14.17	9.22	5.87
M	20	14	8.66	7.15	2.07	8.66	7.15	2.42	8.66	7.15	2.60	8.66	7.15	2.83	8.66	7.15	3.05
	23	16	10.54	8.39	2.66	10.54	8.39	3.11	10.54	8.39	3.34	10.54	8.39	3.63	10.54	8.39	3.93
	26	18	11.92	9.16	3.17	11.92	9.16	3.71	11.92	9.16	3.98	11.92	9.16	4.32	11.92	9.16	4.67
	27	19	13.34	9.78	3.71	13.34	9.78	4.34	13.34	9.78	4.66	13.34	9.78	5.06	12.81	9.53	5.46
	30	22	13.74	10.13	3.75	13.74	9.89	4.39	13.74	9.60	4.71	13.74	9.38	5.12	13.19	9.14	5.53
	32	24	14.00	9.79	3.78	14.00	9.49	4.42	14.00	9.24	4.75	14.00	8.98	5.16	13.44	8.75	5.57
L	20	14	8.47	6.99	2.02	8.47	6.99	2.37	8.47	6.99	2.54	8.47	6.99	2.76	8.47	6.99	2.99
	23	16	10.31	8.20	2.60	10.31	8.20	3.05	10.31	8.20	3.27	10.31	8.20	3.56	10.31	8.20	3.84
	26	18	11.66	8.96	3.10	11.66	8.96	3.62	11.66	8.96	3.89	11.66	8.96	4.23	11.66	8.96	4.57
	27	19	13.05	9.57	3.62	13.05	9.57	4.24	13.05	9.57	4.56	13.05	9.57	4.95	12.53	9.33	5.35
	30	22	13.44	9.91	3.67	13.44	9.67	4.29	13.44	9.39	4.61	13.44	9.17	5.01	12.90	8.94	5.41
	32	24	13.70	9.58	3.69	13.70	9.28	4.32	13.70	9.04	4.64	13.70	8.78	5.04	13.15	8.56	5.45

TABLE OF CAPACITY CORRECTION

CASSETTE TYPE

ASC-60BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	12.49	3.93	12.45	4.05	12.41	4.19	12.41	4.35	12.37	4.47
	-5	-5.6	13.93	4.19	13.89	4.30	13.85	4.43	13.85	4.56	13.81	4.66
	0	-0.7	15.36	4.41	15.32	4.49	15.28	4.62	15.28	4.74	15.24	4.82
	7	6.0	17.08	4.62	17.04	4.70	17.00	4.80	16.35	4.64	15.41	4.35
	10	8.0	17.59	4.74	17.55	4.80	17.00	4.71	16.35	4.32	15.41	4.06
H	-10	-11.0	12.12	3.81	12.08	3.92	12.04	4.06	12.04	4.22	12.00	4.33
	-5	-5.6	13.51	4.06	13.47	4.17	13.43	4.30	13.43	4.42	13.39	4.52
	0	-0.7	14.90	4.27	14.86	4.35	14.82	4.48	14.82	4.60	14.78	4.68
	7	6.0	16.57	4.48	16.53	4.56	16.49	4.66	15.86	4.51	14.95	4.21
	10	8.0	17.07	4.60	17.03	4.66	16.49	4.56	15.86	4.19	14.95	3.94
M	-10	-11.0	11.49	3.61	11.46	3.72	11.42	3.85	11.42	4.00	11.38	4.11
	-5	-5.6	12.81	3.85	12.77	3.95	12.74	4.07	12.74	4.20	12.70	4.28
	0	-0.7	14.13	4.05	14.10	4.13	14.06	4.25	14.06	4.36	14.02	4.44
	7	6.0	15.72	4.25	15.68	4.33	15.64	4.42	15.04	4.27	14.18	4.00
	10	8.0	16.19	4.36	16.15	4.42	15.64	4.33	15.04	3.98	14.18	3.73
L	-10	-11.0	11.24	3.54	11.21	3.64	11.17	3.77	11.17	3.91	11.13	4.02
	-5	-5.6	12.54	3.77	12.50	3.87	12.46	3.99	12.46	4.10	12.43	4.19
	0	-0.7	13.83	3.96	13.79	4.04	13.75	4.16	13.75	4.27	13.71	4.34
	7	6.0	15.37	4.16	15.34	4.23	15.30	4.32	14.71	4.18	13.87	3.91
	10	8.0	15.83	4.27	15.80	4.32	15.30	4.24	14.71	3.89	13.87	3.65

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-12BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	2.27	2.07	0.39	2.27	2.07	0.45	2.27	2.07	0.49	2.27	2.07	0.53	2.27	2.07	0.57
	23	16	2.77	2.42	0.50	2.77	2.42	0.58	2.77	2.42	0.63	2.77	2.42	0.68	2.77	2.42	0.74
	26	18	3.13	2.65	0.59	3.13	2.65	0.69	3.13	2.65	0.75	3.13	2.65	0.81	3.13	2.65	0.88
	27	19	3.50	2.83	0.69	3.50	2.83	0.81	3.50	2.83	0.87	3.50	2.83	0.95	3.36	2.75	1.02
	30	22	3.61	2.93	0.70	3.61	2.86	0.82	3.61	2.77	0.88	3.61	2.71	0.96	3.46	2.64	1.04
	32	24	3.67	2.83	0.71	3.67	2.74	0.83	3.67	2.67	0.89	3.67	2.59	0.97	3.53	2.53	1.04
H	20	14	2.20	2.00	0.38	2.20	2.00	0.44	2.20	2.00	0.47	2.20	2.00	0.51	2.20	2.00	0.55
	23	16	2.68	2.35	0.48	2.68	2.35	0.57	2.68	2.35	0.61	2.68	2.35	0.66	2.68	2.35	0.71
	26	18	3.03	2.57	0.58	3.03	2.57	0.67	3.03	2.57	0.72	3.03	2.57	0.79	3.03	2.57	0.85
	27	19	3.40	2.74	0.67	3.40	2.74	0.79	3.40	2.74	0.85	3.40	2.74	0.92	3.26	2.67	0.99
	30	22	3.50	2.84	0.68	3.50	2.77	0.80	3.50	2.69	0.86	3.50	2.63	0.93	3.36	2.56	1.01
	32	24	3.56	2.74	0.69	3.56	2.66	0.80	3.56	2.59	0.86	3.56	2.51	0.94	3.42	2.45	1.01
M	20	14	2.09	1.90	0.36	2.09	1.90	0.42	2.09	1.90	0.45	2.09	1.90	0.49	2.09	1.90	0.53
	23	16	2.54	2.23	0.46	2.54	2.23	0.54	2.54	2.23	0.58	2.54	2.23	0.63	2.54	2.23	0.68
	26	18	2.88	2.43	0.55	2.88	2.43	0.64	2.88	2.43	0.69	2.88	2.43	0.75	2.88	2.43	0.81
	27	19	3.22	2.60	0.64	3.22	2.60	0.75	3.22	2.60	0.80	3.22	2.60	0.87	3.09	2.53	0.94
	30	22	3.32	2.69	0.65	3.32	2.63	0.76	3.32	2.55	0.81	3.32	2.49	0.88	3.18	2.43	0.95
	32	24	3.38	2.60	0.65	3.38	2.52	0.76	3.38	2.46	0.82	3.38	2.39	0.89	3.24	2.33	0.96
L	20	14	2.05	1.86	0.35	2.05	1.86	0.41	2.05	1.86	0.44	2.05	1.86	0.48	2.05	1.86	0.51
	23	16	2.49	2.18	0.45	2.49	2.18	0.53	2.49	2.18	0.56	2.49	2.18	0.61	2.49	2.18	0.66
	26	18	2.82	2.38	0.53	2.82	2.38	0.62	2.82	2.38	0.67	2.82	2.38	0.73	2.82	2.38	0.79
	27	19	3.15	2.54	0.62	3.15	2.54	0.73	3.15	2.54	0.79	3.15	2.54	0.85	3.02	2.48	0.92
	30	22	3.24	2.63	0.63	3.24	2.57	0.74	3.24	2.50	0.79	3.24	2.44	0.86	3.11	2.38	0.93
	32	24	3.31	2.55	0.64	3.31	2.47	0.74	3.31	2.40	0.80	3.31	2.33	0.87	3.17	2.27	0.94

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-12BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	2.94	0.86	2.93	0.89	2.92	0.92	2.92	0.95	2.91	0.98
	-5	-5.6	3.28	0.92	3.27	0.94	3.26	0.97	3.26	1.00	3.25	1.02
	0	-0.7	3.61	0.96	3.61	0.98	3.59	1.01	3.59	1.04	3.59	1.06
	7	6.0	4.02	1.01	4.01	1.03	4.00	1.05	3.85	1.02	3.63	0.95
	10	8.0	4.14	1.04	4.13	1.05	4.00	1.03	3.85	0.95	3.63	0.89
H	-10	-11.0	2.85	0.83	2.84	0.86	2.83	0.89	2.83	0.92	2.82	0.95
	-5	-5.6	3.18	0.89	3.17	0.91	3.16	0.94	3.16	0.97	3.15	0.99
	0	-0.7	3.51	0.93	3.50	0.95	3.49	0.98	3.49	1.01	3.48	1.02
	7	6.0	3.90	0.98	3.89	1.00	3.88	1.02	3.73	0.99	3.52	0.92
	10	8.0	4.02	1.01	4.01	1.02	3.88	1.00	3.73	0.92	3.52	0.86
M	-10	-11.0	2.70	0.79	2.70	0.81	2.69	0.84	2.69	0.87	2.68	0.90
	-5	-5.6	3.02	0.84	3.01	0.86	3.00	0.89	3.00	0.92	2.99	0.94
	0	-0.7	3.33	0.89	3.32	0.90	3.31	0.93	3.31	0.95	3.30	0.97
	7	6.0	3.70	0.93	3.69	0.95	3.68	0.97	3.54	0.93	3.34	0.87
	10	8.0	3.81	0.95	3.80	0.97	3.68	0.95	3.54	0.87	3.34	0.82
L	-10	-11.0	2.65	0.77	2.64	0.80	2.63	0.82	2.63	0.86	2.62	0.88
	-5	-5.6	2.95	0.82	2.94	0.85	2.93	0.87	2.93	0.90	2.92	0.92
	0	-0.7	3.25	0.87	3.24	0.88	3.24	0.91	3.24	0.93	3.23	0.95
	7	6.0	3.62	0.91	3.61	0.93	3.60	0.95	3.46	0.91	3.26	0.86
	10	8.0	3.73	0.93	3.72	0.95	3.60	0.93	3.46	0.85	3.26	0.80

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-18BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	3.25	2.78	0.63	3.25	2.78	0.74	3.25	2.78	0.80	3.25	2.78	0.87	3.25	2.78	0.93
	23	16	3.95	3.26	0.82	3.95	3.26	0.95	3.95	3.26	1.02	3.95	3.26	1.11	3.95	3.26	1.20
	26	18	4.47	3.56	0.97	4.47	3.56	1.14	4.47	3.56	1.22	4.47	3.56	1.32	4.47	3.56	1.43
	27	19	5.00	3.80	1.14	5.00	3.80	1.33	5.00	3.80	1.43	5.00	3.80	1.55	4.80	3.71	1.67
	30	22	5.15	3.94	1.15	5.15	3.85	1.34	5.15	3.73	1.44	5.15	3.65	1.57	4.94	3.56	1.69
	32	24	5.25	3.81	1.16	5.25	3.69	1.35	5.25	3.59	1.45	5.25	3.49	1.58	5.04	3.40	1.71
H	20	14	3.15	2.70	0.61	3.15	2.70	0.72	3.15	2.70	0.77	3.15	2.70	0.84	3.15	2.70	0.91
	23	16	3.83	3.16	0.79	3.83	3.16	0.93	3.83	3.16	0.99	3.83	3.16	1.08	3.83	3.16	1.17
	26	18	4.33	3.46	0.94	4.33	3.46	1.10	4.33	3.46	1.18	4.33	3.46	1.29	4.33	3.46	1.39
	27	19	4.85	3.69	1.10	4.85	3.69	1.29	4.85	3.69	1.38	4.85	3.69	1.50	4.66	3.60	1.62
	30	22	5.00	3.82	1.11	5.00	3.73	1.30	5.00	3.62	1.40	5.00	3.54	1.52	4.80	3.45	1.64
	32	24	5.09	3.69	1.12	5.09	3.58	1.31	5.09	3.49	1.41	5.09	3.39	1.53	4.89	3.30	1.65
M	20	14	2.99	2.56	0.58	2.99	2.56	0.68	2.99	2.56	0.73	2.99	2.56	0.80	2.99	2.56	0.86
	23	16	3.63	3.00	0.75	3.63	3.00	0.88	3.63	3.00	0.94	3.63	3.00	1.02	3.63	3.00	1.11
	26	18	4.11	3.28	0.89	4.11	3.28	1.04	4.11	3.28	1.12	4.11	3.28	1.22	4.11	3.28	1.32
	27	19	4.60	3.50	1.04	4.60	3.50	1.22	4.60	3.50	1.31	4.60	3.50	1.43	4.42	3.41	1.54
	30	22	4.74	3.63	1.06	4.74	3.54	1.24	4.74	3.44	1.33	4.74	3.36	1.44	4.55	3.27	1.56
	32	24	4.83	3.50	1.06	4.83	3.40	1.25	4.83	3.31	1.34	4.83	3.21	1.45	4.64	3.13	1.57
L	20	14	2.92	2.50	0.57	2.92	2.50	0.67	2.92	2.50	0.72	2.92	2.50	0.78	2.92	2.50	0.84
	23	16	3.56	2.94	0.73	3.56	2.94	0.86	3.56	2.94	0.92	3.56	2.94	1.00	3.56	2.94	1.08
	26	18	4.02	3.21	0.87	4.02	3.21	1.02	4.02	3.21	1.10	4.02	3.21	1.19	4.02	3.21	1.29
	27	19	4.50	3.42	1.02	4.50	3.42	1.20	4.50	3.42	1.28	4.50	3.42	1.40	4.32	3.34	1.51
	30	22	4.64	3.55	1.03	4.64	3.46	1.21	4.64	3.36	1.30	4.64	3.28	1.41	4.45	3.20	1.52
	32	24	4.72	3.43	1.04	4.72	3.32	1.22	4.72	3.23	1.31	4.72	3.14	1.42	4.53	3.06	1.54

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-18BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	4.04	1.19	4.03	1.22	4.02	1.27	4.02	1.31	4.00	1.35
	-5	-5.6	4.51	1.27	4.49	1.30	4.48	1.34	4.48	1.38	4.47	1.41
	0	-0.7	4.97	1.33	4.96	1.36	4.94	1.40	4.94	1.43	4.93	1.46
	7	6.0	5.53	1.40	5.51	1.42	5.50	1.45	5.29	1.40	4.99	1.31
	10	8.0	5.69	1.43	5.68	1.45	5.50	1.42	5.29	1.31	4.99	1.23
H	-10	-11.0	3.92	1.15	3.91	1.19	3.90	1.23	3.90	1.27	3.88	1.31
	-5	-5.6	4.37	1.23	4.36	1.26	4.35	1.30	4.35	1.34	4.33	1.36
	0	-0.7	4.82	1.29	4.81	1.32	4.79	1.35	4.79	1.39	4.78	1.41
	7	6.0	5.36	1.35	5.35	1.38	5.34	1.41	5.13	1.36	4.84	1.27
	10	8.0	5.52	1.39	5.51	1.41	5.34	1.38	5.13	1.27	4.84	1.19
M	-10	-11.0	3.72	1.09	3.71	1.12	3.69	1.16	3.69	1.21	3.68	1.24
	-5	-5.6	4.15	1.16	4.13	1.19	4.12	1.23	4.12	1.27	4.11	1.29
	0	-0.7	4.57	1.22	4.56	1.25	4.55	1.28	4.55	1.32	4.54	1.34
	7	6.0	5.08	1.28	5.07	1.31	5.06	1.33	4.87	1.29	4.59	1.21
	10	8.0	5.24	1.32	5.22	1.33	5.06	1.31	4.87	1.20	4.59	1.13
L	-10	-11.0	3.64	1.07	3.63	1.10	3.61	1.14	3.61	1.18	3.60	1.21
	-5	-5.6	4.06	1.14	4.04	1.17	4.03	1.20	4.03	1.24	4.02	1.27
	0	-0.7	4.47	1.20	4.46	1.22	4.45	1.26	4.45	1.29	4.44	1.31
	7	6.0	4.97	1.26	4.96	1.28	4.95	1.31	4.76	1.26	4.49	1.18
	10	8.0	5.12	1.29	5.11	1.31	4.95	1.28	4.76	1.18	4.49	1.10

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-24BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	4.68	4.09	0.85	4.68	4.09	0.99	4.68	4.09	1.07	4.68	4.09	1.16	4.68	4.09	1.25
	23	16	5.69	4.80	1.09	5.69	4.80	1.28	5.69	4.80	1.37	5.69	4.80	1.49	5.69	4.80	1.61
	26	18	6.44	5.24	1.30	6.44	5.24	1.52	6.44	5.24	1.63	6.44	5.24	1.77	6.44	5.24	1.92
	27	19	7.20	5.60	1.52	7.20	5.60	1.78	7.20	5.60	1.91	7.00	5.60	2.10	6.91	5.45	2.24
	30	22	7.42	5.80	1.54	7.42	5.66	1.80	7.42	5.49	1.93	7.42	5.37	2.10	7.12	5.23	2.27
	32	24	7.56	5.60	1.55	7.56	5.43	1.81	7.56	5.29	1.95	7.56	5.13	2.11	7.26	5.01	2.28
H	20	14	4.54	3.97	0.82	4.54	3.97	0.96	4.54	3.97	1.03	4.54	3.97	1.12	4.54	3.97	1.21
	23	16	5.52	4.65	1.06	5.52	4.65	1.24	5.52	4.65	1.33	5.52	4.65	1.45	5.52	4.65	1.56
	26	18	6.24	5.08	1.26	6.24	5.08	1.47	6.24	5.08	1.58	6.24	5.08	1.72	6.24	5.08	1.86
	27	19	6.98	5.43	1.47	6.98	5.43	1.72	6.98	5.43	1.85	6.98	5.43	2.01	6.71	5.29	2.17
	30	22	7.19	5.62	1.49	7.19	5.49	1.75	7.19	5.33	1.87	7.19	5.20	2.04	6.91	5.07	2.20
	32	24	7.33	5.43	1.50	7.33	5.27	1.76	7.33	5.13	1.89	7.33	4.98	2.05	7.04	4.86	2.22
M	20	14	4.30	3.76	0.78	4.30	3.76	0.91	4.30	3.76	0.98	4.30	3.76	1.07	4.30	3.76	1.15
	23	16	5.23	4.41	1.00	5.23	4.41	1.17	5.23	4.41	1.26	5.23	4.41	1.37	5.23	4.41	1.48
	26	18	5.92	4.82	1.19	5.92	4.82	1.40	5.92	4.82	1.50	5.92	4.82	1.63	5.92	4.82	1.76
	27	19	6.62	5.15	1.40	6.62	5.15	1.64	6.62	5.15	1.76	6.62	5.15	1.91	6.36	5.02	2.06
	30	22	6.82	5.33	1.41	6.82	5.20	1.66	6.82	5.05	1.78	6.82	4.94	1.93	6.55	4.81	2.09
	32	24	6.95	5.15	1.42	6.95	4.99	1.67	6.95	4.86	1.79	6.95	4.72	1.95	6.68	4.60	2.10
L	20	14	4.21	3.68	0.76	4.21	3.68	0.89	4.21	3.68	0.96	4.21	3.68	1.04	4.21	3.68	1.13
	23	16	5.12	4.32	0.98	5.12	4.32	1.15	5.12	4.32	1.23	5.12	4.32	1.34	5.12	4.32	1.45
	26	18	5.79	4.72	1.17	5.79	4.72	1.37	5.79	4.72	1.47	5.79	4.72	1.60	5.79	4.72	1.72
	27	19	6.48	5.04	1.37	6.48	5.04	1.60	6.48	5.04	1.72	6.48	5.04	1.87	6.22	4.91	2.02
	30	22	6.68	5.22	1.38	6.68	5.09	1.62	6.68	4.94	1.74	6.68	4.83	1.89	6.41	4.71	2.04
	32	24	6.80	5.04	1.39	6.80	4.89	1.63	6.80	4.76	1.75	6.80	4.62	1.90	6.53	4.50	2.06

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-24BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	5.88	1.84	5.86	1.90	5.84	1.96	5.84	2.04	5.82	2.09
	-5	-5.6	6.55	1.96	6.53	2.01	6.52	2.08	6.52	2.14	6.50	2.18
	0	-0.7	7.23	2.06	7.21	2.10	7.19	2.17	7.19	2.22	7.17	2.26
	7	6.0	8.04	2.17	8.02	2.21	8.00	2.25	7.69	2.18	7.25	2.04
	10	8.0	8.28	2.22	8.26	2.25	8.00	2.21	7.69	2.03	7.25	1.90
H	-10	-11.0	5.70	1.79	5.68	1.84	5.67	1.91	5.67	1.98	5.65	2.03
	-5	-5.6	6.36	1.91	6.34	1.95	6.32	2.01	6.32	2.07	6.30	2.12
	0	-0.7	7.01	2.00	6.99	2.04	6.97	2.10	6.97	2.16	6.96	2.19
	7	6.0	7.80	2.10	7.78	2.14	7.76	2.18	7.46	2.11	7.03	1.98
	10	8.0	8.03	2.16	8.01	2.18	7.76	2.14	7.46	1.97	7.03	1.85
M	-10	-11.0	5.41	1.69	5.39	1.74	5.37	1.81	5.37	1.87	5.36	1.93
	-5	-5.6	6.03	1.81	6.01	1.85	5.99	1.91	5.99	1.97	5.98	2.01
	0	-0.7	6.65	1.90	6.63	1.94	6.61	1.99	6.61	2.04	6.60	2.08
	7	6.0	7.40	1.99	7.38	2.03	7.36	2.07	7.08	2.00	6.67	1.87
	10	8.0	7.62	2.04	7.60	2.07	7.36	2.03	7.08	1.86	6.67	1.75
L	-10	-11.0	5.29	1.66	5.27	1.71	5.26	1.77	5.26	1.83	5.24	1.88
	-5	-5.6	5.90	1.77	5.88	1.81	5.86	1.87	5.86	1.92	5.85	1.96
	0	-0.7	6.51	1.86	6.49	1.89	6.47	1.95	6.47	2.00	6.45	2.04
	7	6.0	7.24	1.95	7.22	1.98	7.20	2.03	6.92	1.96	6.53	1.83
	10	8.0	7.45	2.00	7.43	2.03	7.20	1.99	6.92	1.82	6.53	1.71

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-30BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	5.52	4.53	1.10	5.52	4.53	1.29	5.52	4.53	1.39	5.52	4.53	1.51	5.52	4.53	1.63
	23	16	6.72	5.32	1.42	6.72	5.32	1.66	6.72	5.32	1.78	6.72	5.32	1.94	6.72	5.32	2.09
	26	18	7.60	5.81	1.69	7.60	5.81	1.98	7.60	5.81	2.12	7.60	5.81	2.31	7.60	5.81	2.49
	27	19	8.50	6.20	1.98	8.50	6.20	2.31	8.50	6.20	2.48	8.50	6.20	2.70	8.16	6.04	2.92
	30	22	8.76	6.42	2.00	8.76	6.27	2.34	8.76	6.09	2.51	8.76	5.95	2.73	8.41	5.80	2.95
	32	24	8.92	6.21	2.01	8.92	6.02	2.36	8.92	5.86	2.53	8.92	5.69	2.75	8.57	5.55	2.97
H	20	14	5.35	4.40	1.07	5.35	4.40	1.25	5.35	4.40	1.35	5.35	4.40	1.46	5.35	4.40	1.58
	23	16	6.51	5.16	1.38	6.51	5.16	1.61	6.51	5.16	1.73	6.51	5.16	1.88	6.51	5.16	2.03
	26	18	7.37	5.63	1.64	7.37	5.63	1.92	7.37	5.63	2.06	7.37	5.63	2.24	7.37	5.63	2.42
	27	19	8.25	6.01	1.92	8.25	6.01	2.24	8.25	6.01	2.41	8.25	6.01	2.62	7.92	5.86	2.83
	30	22	8.49	6.23	1.94	8.49	6.08	2.27	8.49	5.90	2.44	8.49	5.77	2.65	8.15	5.62	2.86
	32	24	8.65	6.02	1.95	8.65	5.84	2.29	8.65	5.68	2.46	8.65	5.52	2.67	8.31	5.38	2.88
M	20	14	5.08	4.17	1.02	5.08	4.17	1.19	5.08	4.17	1.28	5.08	4.17	1.39	5.08	4.17	1.50
	23	16	6.18	4.89	1.31	6.18	4.89	1.53	6.18	4.89	1.64	6.18	4.89	1.78	6.18	4.89	1.93
	26	18	6.99	5.34	1.55	6.99	5.34	1.82	6.99	5.34	1.95	6.99	5.34	2.12	6.99	5.34	2.29
	27	19	7.82	5.70	1.82	7.82	5.70	2.13	7.82	5.70	2.29	7.82	5.70	2.48	7.51	5.56	2.68
	30	22	8.05	5.91	1.84	8.05	5.77	2.15	8.05	5.60	2.31	8.05	5.47	2.51	7.73	5.33	2.71
	32	24	8.21	5.71	1.85	8.21	5.53	2.17	8.21	5.39	2.33	8.21	5.23	2.53	7.88	5.10	2.73
L	20	14	4.97	4.08	0.99	4.97	4.08	1.16	4.97	4.08	1.25	4.97	4.08	1.36	4.97	4.08	1.47
	23	16	6.04	4.79	1.28	6.04	4.79	1.50	6.04	4.79	1.61	6.04	4.79	1.75	6.04	4.79	1.88
	26	18	6.84	5.23	1.52	6.84	5.23	1.78	6.84	5.23	1.91	6.84	5.23	2.08	6.84	5.23	2.24
	27	19	7.65	5.58	1.78	7.65	5.58	2.08	7.65	5.58	2.24	7.65	5.58	2.43	7.34	5.44	2.62
	30	22	7.88	5.78	1.80	7.88	5.64	2.11	7.88	5.48	2.26	7.88	5.35	2.46	7.56	5.22	2.66
	32	24	8.03	5.59	1.81	8.03	5.41	2.12	8.03	5.27	2.28	8.03	5.12	2.48	7.71	4.99	2.67

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-30BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	6.47	2.17	6.45	2.23	6.43	2.31	6.43	2.40	6.40	2.47
	-5	-5.6	7.21	2.31	7.19	2.37	7.17	2.45	7.17	2.52	7.15	2.57
	0	-0.7	7.95	2.43	7.93	2.48	7.91	2.55	7.91	2.62	7.89	2.66
	7	6.0	8.84	2.55	8.82	2.60	8.80	2.65	8.46	2.56	7.98	2.40
	10	8.0	9.11	2.62	9.09	2.65	8.80	2.60	8.46	2.39	7.98	2.24
H	-10	-11.0	6.27	2.10	6.25	2.17	6.23	2.24	6.23	2.33	6.21	2.39
	-5	-5.6	6.99	2.24	6.97	2.30	6.95	2.37	6.95	2.44	6.93	2.49
	0	-0.7	7.71	2.36	7.69	2.40	7.67	2.47	7.67	2.54	7.65	2.58
	7	6.0	8.58	2.47	8.56	2.52	8.54	2.57	8.21	2.49	7.74	2.33
	10	8.0	8.83	2.54	8.81	2.57	8.54	2.52	8.21	2.31	7.74	2.17
M	-10	-11.0	5.95	2.00	5.93	2.06	5.91	2.13	5.91	2.21	5.89	2.27
	-5	-5.6	6.63	2.13	6.61	2.18	6.59	2.25	6.59	2.32	6.57	2.37
	0	-0.7	7.32	2.24	7.30	2.28	7.28	2.35	7.28	2.41	7.26	2.45
	7	6.0	8.14	2.35	8.12	2.39	8.10	2.44	7.78	2.36	7.34	2.21
	10	8.0	8.38	2.41	8.36	2.44	8.10	2.39	7.78	2.20	7.34	2.06
L	-10	-11.0	5.82	1.95	5.80	2.01	5.78	2.08	5.78	2.16	5.76	2.22
	-5	-5.6	6.49	2.08	6.47	2.14	6.45	2.20	6.45	2.27	6.43	2.31
	0	-0.7	7.16	2.19	7.14	2.23	7.12	2.30	7.12	2.36	7.10	2.40
	7	6.0	7.96	2.30	7.94	2.34	7.92	2.39	7.62	2.31	7.18	2.16
	10	8.0	8.20	2.36	8.18	2.39	7.92	2.34	7.62	2.15	7.18	2.02

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-36BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	6.56	5.88	1.28	6.56	5.88	1.50	6.56	5.88	1.61	6.56	5.88	1.75	6.56	5.88	1.89
	23	16	7.98	6.90	1.65	7.98	6.90	1.93	7.98	6.90	2.07	7.98	6.90	2.25	7.98	6.90	2.43
	26	18	9.03	7.53	1.96	9.03	7.53	2.30	9.03	7.53	2.47	9.03	7.53	2.68	9.03	7.53	2.90
	27	19	10.10	8.04	2.30	10.10	8.04	2.69	10.10	8.04	2.89	10.00	8.04	3.2	9.70	7.84	3.39
	30	22	10.41	8.33	2.33	10.41	8.13	2.72	10.41	7.89	2.92	10.41	7.71	3.18	9.99	7.52	3.43
	32	24	10.60	8.05	2.34	10.60	7.80	2.74	10.60	7.60	2.94	10.60	7.38	3.20	10.18	7.19	3.45
H	20	14	6.36	5.70	1.25	6.36	5.70	1.46	6.36	5.70	1.56	6.36	5.70	1.70	6.36	5.70	1.84
	23	16	7.74	6.69	1.60	7.74	6.69	1.87	7.74	6.69	2.01	7.74	6.69	2.19	7.74	6.69	2.36
	26	18	8.76	7.31	1.91	8.76	7.31	2.23	8.76	7.31	2.39	8.76	7.31	2.60	8.76	7.31	2.81
	27	19	9.80	7.80	2.23	9.80	7.80	2.61	9.80	7.80	2.80	9.80	7.80	3.04	9.41	7.60	3.29
	30	22	10.09	8.08	2.26	10.09	7.89	2.64	10.09	7.66	2.84	10.09	7.48	3.08	9.69	7.29	3.33
	32	24	10.29	7.81	2.27	10.29	7.57	2.66	10.29	7.37	2.86	10.29	7.16	3.10	9.88	6.98	3.35
M	20	14	6.04	5.41	1.18	6.04	5.41	1.38	6.04	5.41	1.48	6.04	5.41	1.61	6.04	5.41	1.74
	23	16	7.34	6.34	1.52	7.34	6.34	1.78	7.34	6.34	1.91	7.34	6.34	2.07	7.34	6.34	2.24
	26	18	8.31	6.93	1.81	8.31	6.93	2.11	8.31	6.93	2.27	8.31	6.93	2.47	8.31	6.93	2.67
	27	19	9.30	7.40	2.11	9.30	7.40	2.47	9.30	7.40	2.66	9.30	7.40	2.89	8.92	7.21	3.12
	30	22	9.57	7.67	2.14	9.57	7.48	2.50	9.57	7.26	2.69	9.57	7.10	2.92	9.19	6.92	3.16
	32	24	9.76	7.41	2.16	9.76	7.18	2.52	9.76	6.99	2.71	9.76	6.79	2.94	9.37	6.62	3.18
L	20	14	5.90	5.29	1.16	5.90	5.29	1.35	5.90	5.29	1.45	5.90	5.29	1.58	5.90	5.29	1.70
	23	16	7.19	6.21	1.49	7.19	6.21	1.74	7.19	6.21	1.87	7.19	6.21	2.03	7.19	6.21	2.19
	26	18	8.13	6.78	1.77	8.13	6.78	2.07	8.13	6.78	2.22	8.13	6.78	2.41	8.13	6.78	2.61
	27	19	9.09	7.24	2.07	9.09	7.24	2.42	9.09	7.24	2.60	9.09	7.24	2.83	8.73	7.06	3.05
	30	22	9.37	7.50	2.09	9.37	7.32	2.45	9.37	7.10	2.63	9.37	6.94	2.86	8.99	6.77	3.09
	32	24	9.54	7.25	2.11	9.54	7.02	2.47	9.54	6.84	2.65	9.54	6.64	2.88	9.16	6.47	3.11

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-36BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	8.82	2.78	8.79	2.87	8.76	2.97	8.76	3.08	8.73	3.16
	-5	-5.6	9.83	2.97	9.80	3.04	9.77	3.14	9.77	3.23	9.75	3.30
	0	-0.7	10.84	3.12	10.82	3.18	10.78	3.27	10.78	3.36	10.76	3.42
	7	6.0	12.06	3.27	12.03	3.33	12.00	3.40	11.54	3.29	10.88	3.08
	10	8.0	12.42	3.36	12.39	3.40	12.00	3.33	11.54	3.06	10.88	2.88
H	-10	-11.0	8.55	2.70	8.53	2.78	8.50	2.88	8.50	2.99	8.47	3.07
	-5	-5.6	9.54	2.88	9.51	2.95	9.48	3.04	9.48	3.13	9.45	3.20
	0	-0.7	10.52	3.03	10.49	3.08	10.46	3.17	10.46	3.26	10.43	3.31
	7	6.0	11.70	3.17	11.67	3.23	11.64	3.30	11.19	3.19	10.55	2.99
	10	8.0	12.05	3.26	12.02	3.30	11.64	3.23	11.19	2.97	10.55	2.79
M	-10	-11.0	8.11	2.56	8.09	2.64	8.06	2.73	8.06	2.83	8.03	2.91
	-5	-5.6	9.05	2.73	9.02	2.80	8.99	2.89	8.99	2.97	8.97	3.03
	0	-0.7	9.98	2.87	9.95	2.93	9.92	3.01	9.92	3.09	9.90	3.14
	7	6.0	11.09	3.01	11.07	3.07	11.04	3.13	10.62	3.03	10.01	2.83
	10	8.0	11.43	3.09	11.40	3.13	11.04	3.07	10.62	2.82	10.01	2.65
L	-10	-11.0	7.94	2.50	7.91	2.58	7.89	2.67	7.89	2.77	7.86	2.85
	-5	-5.6	8.85	2.67	8.82	2.74	8.80	2.82	8.80	2.91	8.77	2.97
	0	-0.7	9.76	2.81	9.73	2.86	9.71	2.95	9.71	3.02	9.68	3.08
	7	6.0	10.85	2.95	10.83	3.00	10.80	3.06	10.39	2.96	9.79	2.77
	10	8.0	11.18	3.02	11.15	3.06	10.80	3.00	10.39	2.76	9.79	2.59

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-42BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	7.86	7.54	1.80	7.86	7.54	2.11	7.86	7.54	2.26	7.86	7.54	2.46	7.86	7.54	2.65
	23	16	9.56	8.85	2.31	9.56	8.85	2.71	9.56	8.85	2.91	9.56	8.85	3.16	9.56	8.85	3.41
	26	18	10.81	9.67	2.75	10.81	9.67	3.22	10.81	9.67	3.46	10.81	9.67	3.76	10.81	9.67	4.06
	27	19	12.10	10.32	3.22	12.10	10.32	3.77	12.10	10.32	4.05	12.10	10.32	4.40	11.62	10.06	4.75
	30	22	12.46	10.69	3.26	12.46	10.43	3.82	12.46	10.13	4.10	12.46	9.90	4.45	11.97	9.65	4.81
	32	24	12.70	10.33	3.28	12.70	10.01	3.84	12.70	9.75	4.13	12.70	9.47	4.48	12.19	9.23	4.84
H	20	14	7.62	7.32	1.75	7.62	7.32	2.04	7.62	7.32	2.19	7.62	7.32	2.38	7.62	7.32	2.57
	23	16	9.27	8.58	2.24	9.27	8.58	2.63	9.27	8.58	2.82	9.27	8.58	3.07	9.27	8.58	3.31
	26	18	10.49	9.38	2.67	10.49	9.38	3.13	10.49	9.38	3.36	10.49	9.38	3.65	10.49	9.38	3.94
	27	19	11.74	10.01	3.13	11.74	10.01	3.66	11.74	10.01	3.93	11.74	10.01	4.27	11.27	9.76	4.61
	30	22	12.09	10.37	3.16	12.09	10.12	3.70	12.09	9.83	3.97	12.09	9.60	4.32	11.61	9.36	4.66
	32	24	12.32	10.02	3.19	12.32	9.71	3.73	12.32	9.46	4.00	12.32	9.19	4.35	11.83	8.96	4.70
M	20	14	7.23	6.94	1.66	7.23	6.94	1.94	7.23	6.94	2.08	7.23	6.94	2.26	7.23	6.94	2.44
	23	16	8.80	8.14	2.13	8.80	8.14	2.49	8.80	8.14	2.68	8.80	8.14	2.91	8.80	8.14	3.14
	26	18	9.95	8.89	2.53	9.95	8.89	2.96	9.95	8.89	3.18	9.95	8.89	3.46	9.95	8.89	3.74
	27	19	11.13	9.49	2.96	11.13	9.49	3.47	11.13	9.49	3.73	11.13	9.49	4.05	10.69	9.25	4.37
	30	22	11.47	9.84	3.00	11.47	9.60	3.51	11.47	9.32	3.77	11.47	9.11	4.10	11.01	8.88	4.42
	32	24	11.68	9.50	3.02	11.68	9.21	3.53	11.68	8.97	3.80	11.68	8.71	4.13	11.22	8.49	4.46
L	20	14	7.07	6.79	1.62	7.07	6.79	1.89	7.07	6.79	2.04	7.07	6.79	2.21	7.07	6.79	2.39
	23	16	8.60	7.96	2.08	8.60	7.96	2.44	8.60	7.96	2.62	8.60	7.96	2.84	8.60	7.96	3.07
	26	18	9.73	8.70	2.48	9.73	8.70	2.90	9.73	8.70	3.11	9.73	8.70	3.38	9.73	8.70	3.66
	27	19	10.89	9.29	2.90	10.89	9.29	3.39	10.89	9.29	3.64	10.89	9.29	3.96	10.46	9.05	4.28
	30	22	11.22	9.62	2.93	11.22	9.39	3.43	11.22	9.12	3.69	11.22	8.91	4.01	10.77	8.68	4.33
	32	24	11.43	9.30	2.96	11.43	9.01	3.46	11.43	8.78	3.71	11.43	8.52	4.04	10.97	8.31	4.36

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-42BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	9.92	3.36	9.89	3.46	9.86	3.58	9.86	3.71	9.82	3.82
	-5	-5.6	11.06	3.58	11.03	3.67	11.00	3.78	11.00	3.90	10.96	3.98
	0	-0.7	12.20	3.76	12.17	3.83	12.13	3.95	12.13	4.05	12.10	4.12
	7	6.0	13.57	3.95	13.53	4.02	13.50	4.10	12.98	3.97	12.24	3.71
	10	8.0	13.97	4.05	13.94	4.10	13.50	4.02	12.98	3.69	12.24	3.47
H	-10	-11.0	9.62	3.25	9.59	3.35	9.56	3.47	9.56	3.60	9.53	3.70
	-5	-5.6	10.73	3.47	10.70	3.56	10.67	3.67	10.67	3.78	10.63	3.86
	0	-0.7	11.83	3.65	11.80	3.72	11.77	3.83	11.77	3.93	11.74	4.00
	7	6.0	13.16	3.83	13.13	3.90	13.10	3.98	12.59	3.85	11.87	3.60
	10	8.0	13.55	3.93	13.52	3.98	13.10	3.90	12.59	3.58	11.87	3.36
M	-10	-11.0	9.13	3.09	9.10	3.18	9.07	3.29	9.07	3.42	9.04	3.51
	-5	-5.6	10.18	3.29	10.14	3.38	10.12	3.48	10.12	3.58	10.09	3.66
	0	-0.7	11.22	3.46	11.19	3.53	11.16	3.63	11.16	3.73	11.13	3.79
	7	6.0	12.48	3.63	12.45	3.70	12.42	3.77	11.94	3.65	11.26	3.41
	10	8.0	12.85	3.73	12.82	3.77	12.42	3.70	11.94	3.40	11.26	3.19
L	-10	-11.0	8.93	3.02	8.90	3.11	8.87	3.22	8.87	3.34	8.84	3.43
	-5	-5.6	9.96	3.22	9.92	3.30	9.90	3.40	9.90	3.51	9.87	3.58
	0	-0.7	10.98	3.39	10.95	3.45	10.92	3.55	10.92	3.64	10.89	3.71
	7	6.0	12.21	3.55	12.18	3.62	12.15	3.69	11.68	3.57	11.01	3.34
	10	8.0	12.57	3.65	12.54	3.69	12.15	3.62	11.68	3.32	11.01	3.12

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-48BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	8.70	7.95	1.82	8.70	7.95	2.13	8.70	7.95	2.29	8.70	7.95	2.49	8.70	7.95	2.68
	23	16	10.59	9.32	2.34	10.59	9.32	2.74	10.59	9.32	2.94	10.59	9.32	3.20	10.59	9.32	3.45
	26	18	11.97	10.18	2.79	11.97	10.18	3.26	11.97	10.18	3.50	11.97	10.18	3.80	11.97	10.18	4.11
	27	19	13.40	10.87	3.26	13.40	10.87	3.81	13.40	10.87	4.09	13.40	10.87	4.45	12.86	10.60	4.81
	30	22	13.80	11.27	3.30	13.80	10.99	3.86	13.80	10.67	4.14	13.80	10.43	4.50	13.25	10.16	4.86
	32	24	14.06	10.88	3.32	14.06	10.55	3.89	14.06	10.27	4.17	14.06	9.98	4.53	13.50	9.73	4.90
H	20	14	8.44	7.71	1.77	8.44	7.71	2.07	8.44	7.71	2.22	8.44	7.71	2.41	8.44	7.71	2.60
	23	16	10.27	9.04	2.27	10.27	9.04	2.66	10.27	9.04	2.85	10.27	9.04	3.10	10.27	9.04	3.35
	26	18	11.62	9.88	2.70	11.62	9.88	3.16	11.62	9.88	3.39	11.62	9.88	3.69	11.62	9.88	3.98
	27	19	13.00	10.55	3.16	13.00	10.55	3.70	13.00	10.55	3.97	13.00	10.55	4.32	12.48	10.28	4.66
	30	22	13.39	10.93	3.20	13.39	10.66	3.74	13.39	10.35	4.02	13.39	10.11	4.37	12.85	9.86	4.72
	32	24	13.64	10.56	3.22	13.64	10.23	3.77	13.64	9.96	4.05	13.64	9.68	4.40	13.10	9.44	4.75
M	20	14	8.00	7.31	1.67	8.00	7.31	1.96	8.00	7.31	2.10	8.00	7.31	2.29	8.00	7.31	2.47
	23	16	9.74	8.58	2.15	9.74	8.58	2.52	9.74	8.58	2.71	9.74	8.58	2.94	9.74	8.58	3.18
	26	18	11.02	9.37	2.56	11.02	9.37	3.00	11.02	9.37	3.22	11.02	9.37	3.50	11.02	9.37	3.78
	27	19	12.33	10.00	3.00	12.33	10.00	3.51	12.33	10.00	3.77	12.33	10.00	4.09	11.84	9.75	4.42
	30	22	12.70	10.37	3.03	12.70	10.11	3.55	12.70	9.82	3.81	12.70	9.59	4.14	12.19	9.35	4.47
	32	24	12.94	10.01	3.06	12.94	9.71	3.57	12.94	9.45	3.84	12.94	9.18	4.17	12.42	8.95	4.51
L	20	14	7.83	7.15	1.64	7.83	7.15	1.92	7.83	7.15	2.06	7.83	7.15	2.24	7.83	7.15	2.42
	23	16	9.53	8.39	2.11	9.53	8.39	2.46	9.53	8.39	2.65	9.53	8.39	2.88	9.53	8.39	3.11
	26	18	10.78	9.17	2.51	10.78	9.17	2.93	10.78	9.17	3.15	10.78	9.17	3.42	10.78	9.17	3.70
	27	19	12.06	9.79	2.93	12.06	9.79	3.43	12.06	9.79	3.69	12.06	9.79	4.01	11.58	9.54	4.33
	30	22	12.42	10.14	2.97	12.42	9.89	3.47	12.42	9.61	3.73	12.42	9.38	4.05	11.93	9.15	4.38
	32	24	12.66	9.80	2.99	12.66	9.50	3.50	12.66	9.25	3.76	12.66	8.98	4.08	12.15	8.75	4.41

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-48BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	11.39	3.76	11.35	3.88	11.32	4.02	11.32	4.17	11.28	4.28
	-5	-5.6	12.70	4.02	12.66	4.12	12.62	4.24	12.62	4.37	12.59	4.46
	0	-0.7	14.01	4.22	13.97	4.30	13.93	4.43	13.93	4.54	13.89	4.62
	7	6.0	15.58	4.43	15.54	4.51	15.50	4.60	14.90	4.45	14.05	4.16
	10	8.0	16.04	4.54	16.00	4.60	15.50	4.51	14.90	4.14	14.05	3.89
H	-10	-11.0	11.05	3.65	11.01	3.76	10.98	3.89	10.98	4.04	10.94	4.15
	-5	-5.6	12.32	3.89	12.28	3.99	12.25	4.12	12.25	4.24	12.21	4.33
	0	-0.7	13.59	4.09	13.55	4.17	13.51	4.30	13.51	4.41	13.48	4.48
	7	6.0	15.11	4.30	15.07	4.37	15.04	4.46	14.46	4.32	13.63	4.04
	10	8.0	15.56	4.41	15.52	4.46	15.04	4.37	14.46	4.02	13.63	3.77
M	-10	-11.0	10.48	3.46	10.45	3.57	10.41	3.69	10.41	3.83	10.38	3.94
	-5	-5.6	11.68	3.69	11.65	3.79	11.61	3.91	11.61	4.02	11.58	4.11
	0	-0.7	12.89	3.88	12.85	3.96	12.82	4.07	12.82	4.18	12.78	4.25
	7	6.0	14.33	4.07	14.30	4.15	14.26	4.23	13.71	4.09	12.93	3.83
	10	8.0	14.76	4.18	14.72	4.23	14.26	4.15	13.71	3.81	12.93	3.58
L	-10	-11.0	10.25	3.39	10.22	3.49	10.19	3.61	10.19	3.75	10.15	3.85
	-5	-5.6	11.43	3.61	11.39	3.71	11.36	3.82	11.36	3.93	11.33	4.02
	0	-0.7	12.61	3.80	12.57	3.87	12.54	3.99	12.54	4.09	12.50	4.16
	7	6.0	14.02	3.99	13.99	4.06	13.95	4.14	13.41	4.01	12.64	3.75
	10	8.0	14.44	4.09	14.40	4.14	13.95	4.06	13.41	3.73	12.64	3.50

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-60BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	10.39	9.40	2.23	10.39	9.40	2.61	10.39	9.40	2.80	10.39	9.40	3.04	10.39	9.40	3.29
	23	16	12.64	11.03	2.87	12.64	11.03	3.35	12.64	11.03	3.60	12.64	11.03	3.91	12.64	11.03	4.23
	26	18	14.30	12.04	3.41	14.30	12.04	3.99	14.30	12.04	4.29	14.30	12.04	4.66	14.30	12.04	5.03
	27	19	16.00	12.86	3.99	16.00	12.86	4.67	16.00	12.86	5.02	16.00	12.86	5.45	15.36	12.53	5.89
	30	22	16.48	13.32	4.04	16.48	13.00	4.73	16.48	12.62	5.08	16.48	12.33	5.52	15.82	12.02	5.96
	32	24	16.79	12.87	4.07	16.79	12.48	4.76	16.79	12.15	5.11	16.79	11.80	5.55	16.12	11.50	6.00
H	20	14	10.08	9.12	2.16	10.08	9.12	2.53	10.08	9.12	2.72	10.08	9.12	2.95	10.08	9.12	3.19
	23	16	12.26	10.69	2.78	12.26	10.69	3.25	12.26	10.69	3.49	12.26	10.69	3.80	12.26	10.69	4.10
	26	18	13.87	11.68	3.31	13.87	11.68	3.87	13.87	11.68	4.16	13.87	11.68	4.52	13.87	11.68	4.88
	27	19	15.52	12.47	3.87	15.52	12.47	4.53	15.52	12.47	4.86	15.52	12.47	5.29	14.90	12.16	5.71
	30	22	15.99	12.92	3.92	15.99	12.61	4.58	15.99	12.24	4.92	15.99	11.96	5.35	15.35	11.66	5.78
	32	24	16.29	12.48	3.95	16.29	12.10	4.62	16.29	11.78	4.96	16.29	11.45	5.39	15.64	11.16	5.82
M	20	14	9.56	8.65	2.05	9.56	8.65	2.40	9.56	8.65	2.58	9.56	8.65	2.80	9.56	8.65	3.02
	23	16	11.63	10.14	2.64	11.63	10.14	3.09	11.63	10.14	3.31	11.63	10.14	3.60	11.63	10.14	3.89
	26	18	13.15	11.08	3.14	13.15	11.08	3.67	13.15	11.08	3.94	13.15	11.08	4.29	13.15	11.08	4.63
	27	19	14.72	11.83	3.67	14.72	11.83	4.30	14.72	11.83	4.61	14.72	11.83	5.01	14.13	11.53	5.42
	30	22	15.16	12.26	3.72	15.16	11.96	4.35	15.16	11.61	4.67	15.16	11.34	5.07	14.56	11.06	5.48
	32	24	15.45	11.84	3.74	15.45	11.48	4.38	15.45	11.18	4.70	15.45	10.86	5.11	14.83	10.58	5.52
L	20	14	9.35	8.46	2.01	9.35	8.46	2.35	9.35	8.46	2.52	9.35	8.46	2.74	9.35	8.46	2.96
	23	16	11.38	9.92	2.58	11.38	9.92	3.02	11.38	9.92	3.24	11.38	9.92	3.52	11.38	9.92	3.80
	26	18	12.87	10.84	3.07	12.87	10.84	3.59	12.87	10.84	3.86	12.87	10.84	4.19	12.87	10.84	4.53
	27	19	14.40	11.57	3.59	14.40	11.57	4.20	14.40	11.57	4.51	14.40	11.57	4.91	13.82	11.28	5.30
	30	22	14.83	11.99	3.64	14.83	11.70	4.25	14.83	11.36	4.57	14.83	11.10	4.96	14.24	10.82	5.36
	32	24	15.11	11.58	3.66	15.11	11.23	4.28	15.11	10.93	4.60	15.11	10.62	5.00	14.51	10.35	5.40

TABLE OF CAPACITY CORRECTION

DUCT TYPE

ASD-60BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	12.49	4.09	12.45	4.21	12.41	4.36	12.41	4.53	12.37	4.65
	-5	-5.6	13.93	4.36	13.89	4.48	13.85	4.61	13.85	4.75	13.81	4.85
	0	-0.7	15.36	4.59	15.32	4.68	15.28	4.81	15.28	4.94	15.24	5.03
	7	6.0	17.08	4.81	17.04	4.90	17.00	5.00	16.35	4.84	15.41	4.53
	10	8.0	17.59	4.94	17.55	5.00	17.00	4.90	16.35	4.50	15.41	4.23
H	-10	-11.0	12.12	3.97	12.08	4.09	12.04	4.23	12.04	4.39	12.00	4.51
	-5	-5.6	13.51	4.23	13.47	4.34	13.43	4.48	13.43	4.61	13.39	4.71
	0	-0.7	14.90	4.45	14.86	4.54	14.82	4.67	14.82	4.79	14.78	4.87
	7	6.0	16.57	4.67	16.53	4.75	16.49	4.85	15.86	4.69	14.95	4.39
	10	8.0	17.07	4.79	17.03	4.85	16.49	4.75	15.86	4.37	14.95	4.10
M	-10	-11.0	11.49	3.76	11.46	3.88	11.42	4.02	11.42	4.17	11.38	4.28
	-5	-5.6	12.81	4.02	12.77	4.12	12.74	4.24	12.74	4.37	12.70	4.46
	0	-0.7	14.13	4.22	14.10	4.30	14.06	4.43	14.06	4.54	14.02	4.62
	7	6.0	15.72	4.43	15.68	4.51	15.64	4.60	15.04	4.45	14.18	4.16
	10	8.0	16.19	4.54	16.15	4.60	15.64	4.51	15.04	4.14	14.18	3.89
L	-10	-11.0	11.24	3.68	11.21	3.79	11.17	3.93	11.17	4.07	11.13	4.19
	-5	-5.6	12.54	3.93	12.50	4.03	12.46	4.15	12.46	4.28	12.43	4.37
	0	-0.7	13.83	4.13	13.79	4.21	13.75	4.33	13.75	4.44	13.71	4.52
	7	6.0	15.37	4.33	15.34	4.41	15.30	4.50	14.71	4.35	13.87	4.07
	10	8.0	15.83	4.45	15.80	4.50	15.30	4.41	14.71	4.05	13.87	3.81

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-12BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	2.25	2.28	0.37	2.25	2.28	0.44	2.25	2.28	0.47	2.25	2.28	0.51	2.25	2.28	0.55
	23	16	2.74	2.68	0.48	2.74	2.68	0.56	2.74	2.68	0.60	2.74	2.68	0.65	2.74	2.68	0.71
	26	18	3.10	2.93	0.57	3.10	2.93	0.67	3.10	2.93	0.72	3.10	2.93	0.78	3.10	2.93	0.84
	27	19	3.47	3.13	0.67	3.47	3.13	0.78	3.47	3.13	0.84	3.50	3.13	0.90	3.33	3.05	0.98
	30	22	3.58	3.24	0.68	3.58	3.16	0.79	3.58	3.07	0.85	3.58	3.00	0.92	3.43	2.92	1.00
	32	24	3.65	3.13	0.68	3.65	3.03	0.80	3.65	2.95	0.85	3.65	2.87	0.93	3.50	2.80	1.00
H	20	14	2.19	2.22	0.36	2.19	2.22	0.42	2.19	2.22	0.45	2.19	2.22	0.49	2.19	2.22	0.53
	23	16	2.66	2.60	0.46	2.66	2.60	0.54	2.66	2.60	0.58	2.66	2.60	0.63	2.66	2.60	0.69
	26	18	3.01	2.84	0.55	3.01	2.84	0.65	3.01	2.84	0.70	3.01	2.84	0.76	3.01	2.84	0.82
	27	19	3.37	3.03	0.65	3.37	3.03	0.76	3.37	3.03	0.81	3.37	3.03	0.88	3.23	2.95	0.95
	30	22	3.47	3.14	0.65	3.47	3.06	0.77	3.47	2.98	0.82	3.47	2.91	0.89	3.33	2.83	0.97
	32	24	3.54	3.03	0.66	3.54	2.94	0.77	3.54	2.86	0.83	3.54	2.78	0.90	3.39	2.71	0.97
M	20	14	2.07	2.10	0.34	2.07	2.10	0.40	2.07	2.10	0.43	2.07	2.10	0.47	2.07	2.10	0.51
	23	16	2.52	2.47	0.44	2.52	2.47	0.52	2.52	2.47	0.55	2.52	2.47	0.60	2.52	2.47	0.65
	26	18	2.86	2.69	0.52	2.86	2.69	0.61	2.86	2.69	0.66	2.86	2.69	0.72	2.86	2.69	0.77
	27	19	3.20	2.88	0.61	3.20	2.88	0.72	3.20	2.88	0.77	3.20	2.88	0.84	3.07	2.80	0.91
	30	22	3.29	2.98	0.62	3.29	2.91	0.73	3.29	2.82	0.78	3.29	2.76	0.85	3.16	2.69	0.92
	32	24	3.35	2.88	0.63	3.35	2.79	0.73	3.35	2.72	0.79	3.35	2.64	0.85	3.22	2.57	0.92
L	20	14	2.03	2.06	0.34	2.03	2.06	0.39	2.03	2.06	0.42	2.03	2.06	0.46	2.03	2.06	0.49
	23	16	2.47	2.41	0.43	2.47	2.41	0.50	2.47	2.41	0.54	2.47	2.41	0.59	2.47	2.41	0.64
	26	18	2.79	2.63	0.51	2.79	2.63	0.60	2.79	2.63	0.64	2.79	2.63	0.70	2.79	2.63	0.76
	27	19	3.13	2.81	0.60	3.13	2.81	0.70	3.13	2.81	0.75	3.13	2.81	0.82	3.00	2.74	0.89
	30	22	3.22	2.91	0.61	3.22	2.84	0.71	3.22	2.76	0.76	3.22	2.70	0.83	3.09	2.63	0.90
	32	24	3.28	2.82	0.61	3.28	2.73	0.72	3.28	2.66	0.77	3.28	2.58	0.84	3.15	2.52	0.90

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-12BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	2.91	0.78	2.90	0.81	2.89	0.84	2.89	0.87	2.88	0.89
	-5	-5.6	3.25	0.84	3.24	0.86	3.23	0.88	3.23	0.91	3.22	0.93
	0	-0.7	3.58	0.88	3.57	0.90	3.56	0.92	3.56	0.95	3.55	0.96
	7	6.0	3.98	0.92	3.97	0.94	4.00	0.95	3.81	0.93	3.59	0.87
	10	8.0	4.10	0.95	4.09	0.96	3.96	0.94	3.81	0.86	3.59	0.81
H	-10	-11.0	2.82	0.76	2.82	0.78	2.81	0.81	2.81	0.84	2.80	0.87
	-5	-5.6	3.15	0.81	3.14	0.83	3.13	0.86	3.13	0.88	3.12	0.90
	0	-0.7	3.47	0.85	3.46	0.87	3.45	0.90	3.45	0.92	3.44	0.93
	7	6.0	3.86	0.90	3.85	0.91	3.84	0.93	3.70	0.90	3.48	0.84
	10	8.0	3.98	0.92	3.97	0.93	3.84	0.91	3.70	0.84	3.48	0.79
M	-10	-11.0	2.68	0.72	2.67	0.74	2.66	0.77	2.66	0.80	2.65	0.82
	-5	-5.6	2.99	0.77	2.98	0.79	2.97	0.81	2.97	0.84	2.96	0.86
	0	-0.7	3.29	0.81	3.29	0.83	3.28	0.85	3.28	0.87	3.27	0.89
	7	6.0	3.66	0.85	3.65	0.86	3.65	0.88	3.50	0.85	3.30	0.80
	10	8.0	3.77	0.87	3.76	0.88	3.65	0.86	3.50	0.79	3.30	0.75
L	-10	-11.0	2.62	0.71	2.61	0.73	2.60	0.75	2.60	0.78	2.59	0.80
	-5	-5.6	2.92	0.75	2.91	0.77	2.90	0.80	2.90	0.82	2.90	0.84
	0	-0.7	3.22	0.79	3.21	0.81	3.20	0.83	3.20	0.85	3.20	0.87
	7	6.0	3.58	0.83	3.57	0.85	3.57	0.86	3.43	0.84	3.23	0.78
	10	8.0	3.69	0.85	3.68	0.86	3.57	0.85	3.43	0.78	3.23	0.73

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-18BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	3.25	2.77	0.63	3.25	2.77	0.74	3.25	2.77	0.80	3.25	2.77	0.87	3.25	2.77	0.93
	23	16	3.95	3.25	0.82	3.95	3.25	0.95	3.95	3.25	1.02	3.95	3.25	1.11	3.95	3.25	1.20
	26	18	4.47	3.55	0.97	4.47	3.55	1.14	4.47	3.55	1.22	4.47	3.55	1.32	4.47	3.55	1.43
	27	19	5.00	3.79	1.14	5.00	3.79	1.33	5.00	3.79	1.43	5.00	3.79	1.55	4.80	3.70	1.67
	30	22	5.15	3.93	1.15	5.15	3.84	1.34	5.15	3.72	1.44	5.15	3.64	1.57	4.94	3.55	1.69
	32	24	5.25	3.80	1.16	5.25	3.68	1.35	5.25	3.58	1.45	5.25	3.48	1.58	5.04	3.39	1.71
H	20	14	3.15	2.69	0.61	3.15	2.69	0.72	3.15	2.69	0.77	3.15	2.69	0.84	3.15	2.69	0.91
	23	16	3.83	3.16	0.79	3.83	3.16	0.93	3.83	3.16	0.99	3.83	3.16	1.08	3.83	3.16	1.17
	26	18	4.33	3.45	0.94	4.33	3.45	1.10	4.33	3.45	1.18	4.33	3.45	1.29	4.33	3.45	1.39
	27	19	4.85	3.68	1.10	4.85	3.68	1.29	4.85	3.68	1.38	4.85	3.68	1.50	4.66	3.59	1.62
	30	22	5.00	3.81	1.11	5.00	3.72	1.30	5.00	3.61	1.40	5.00	3.53	1.52	4.80	3.44	1.64
	32	24	5.09	3.68	1.12	5.09	3.57	1.31	5.09	3.48	1.41	5.09	3.38	1.53	4.89	3.29	1.65
M	20	14	2.99	2.55	0.58	2.99	2.55	0.68	2.99	2.55	0.73	2.99	2.55	0.80	2.99	2.55	0.86
	23	16	3.63	2.99	0.75	3.63	2.99	0.88	3.63	2.99	0.94	3.63	2.99	1.02	3.63	2.99	1.11
	26	18	4.11	3.27	0.89	4.11	3.27	1.04	4.11	3.27	1.12	4.11	3.27	1.22	4.11	3.27	1.32
	27	19	4.60	3.49	1.04	4.60	3.49	1.22	4.60	3.49	1.31	4.60	3.49	1.43	4.42	3.40	1.54
	30	22	4.74	3.62	1.06	4.74	3.53	1.24	4.74	3.43	1.33	4.74	3.35	1.44	4.55	3.26	1.56
	32	24	4.83	3.49	1.06	4.83	3.39	1.25	4.83	3.30	1.34	4.83	3.20	1.45	4.64	3.12	1.57
L	20	14	2.92	2.50	0.57	2.92	2.50	0.67	2.92	2.50	0.72	2.92	2.50	0.78	2.92	2.50	0.84
	23	16	3.56	2.93	0.73	3.56	2.93	0.86	3.56	2.93	0.92	3.56	2.93	1.00	3.56	2.93	1.08
	26	18	4.02	3.20	0.87	4.02	3.20	1.02	4.02	3.20	1.10	4.02	3.20	1.19	4.02	3.20	1.29
	27	19	4.50	3.41	1.02	4.50	3.41	1.20	4.50	3.41	1.28	4.50	3.41	1.40	4.32	3.33	1.51
	30	22	4.64	3.54	1.03	4.64	3.45	1.21	4.64	3.35	1.30	4.64	3.27	1.41	4.45	3.19	1.52
	32	24	4.72	3.42	1.04	4.72	3.31	1.22	4.72	3.23	1.31	4.72	3.13	1.42	4.53	3.05	1.54

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-18BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	4.04	1.31	4.03	1.35	4.02	1.40	4.02	1.45	4.00	1.49
	-5	-5.6	4.51	1.40	4.49	1.43	4.48	1.48	4.48	1.52	4.47	1.55
	0	-0.7	4.97	1.47	4.96	1.50	4.94	1.54	4.94	1.58	4.93	1.61
	7	6.0	5.53	1.54	5.51	1.57	5.50	1.60	5.29	1.55	4.99	1.45
	10	8.0	5.69	1.58	5.68	1.60	5.50	1.57	5.29	1.44	4.99	1.35
H	-10	-11.0	3.92	1.27	3.91	1.31	3.90	1.35	3.90	1.41	3.88	1.44
	-5	-5.6	4.37	1.35	4.36	1.39	4.35	1.43	4.35	1.47	4.33	1.51
	0	-0.7	4.82	1.42	4.81	1.45	4.79	1.49	4.79	1.53	4.78	1.56
	7	6.0	5.36	1.49	5.35	1.52	5.34	1.55	5.13	1.50	4.84	1.40
	10	8.0	5.52	1.53	5.51	1.55	5.34	1.52	5.13	1.40	4.84	1.31
M	-10	-11.0	3.72	1.20	3.71	1.24	3.69	1.28	3.69	1.33	3.68	1.37
	-5	-5.6	4.15	1.28	4.13	1.32	4.12	1.36	4.12	1.40	4.11	1.43
	0	-0.7	4.57	1.35	4.56	1.38	4.55	1.42	4.55	1.45	4.54	1.48
	7	6.0	5.08	1.42	5.07	1.44	5.06	1.47	4.87	1.42	4.59	1.33
	10	8.0	5.24	1.45	5.22	1.47	5.06	1.44	4.87	1.33	4.59	1.24
L	-10	-11.0	3.64	1.18	3.63	1.21	3.61	1.26	3.61	1.30	3.60	1.34
	-5	-5.6	4.06	1.26	4.04	1.29	4.03	1.33	4.03	1.37	4.02	1.40
	0	-0.7	4.47	1.32	4.46	1.35	4.45	1.39	4.45	1.42	4.44	1.45
	7	6.0	4.97	1.39	4.96	1.41	4.95	1.44	4.76	1.39	4.49	1.30
	10	8.0	5.12	1.42	5.11	1.44	4.95	1.41	4.76	1.30	4.49	1.22

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-24BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	4.56	4.42	0.80	4.56	4.42	0.93	4.56	4.42	1.00	4.56	4.42	1.09	4.56	4.42	1.17
	23	16	5.55	5.18	1.02	5.55	5.18	1.20	5.55	5.18	1.28	5.55	5.18	1.40	5.55	5.18	1.51
	26	18	6.27	5.66	1.22	6.27	5.66	1.42	6.27	5.66	1.53	6.27	5.66	1.66	6.27	5.66	1.79
	27	19	7.02	6.04	1.42	7.02	6.04	1.67	7.02	6.04	1.79	7.00	6.04	1.90	6.74	5.89	2.10
	30	22	7.23	6.26	1.44	7.23	6.11	1.69	7.23	5.93	1.81	7.23	5.79	1.97	6.94	5.65	2.12
	32	24	7.37	6.05	1.45	7.37	5.86	1.70	7.37	5.71	1.82	7.37	5.54	1.98	7.07	5.40	2.14
H	20	14	4.42	4.28	0.77	4.42	4.28	0.90	4.42	4.28	0.97	4.42	4.28	1.05	4.42	4.28	1.14
	23	16	5.38	5.02	0.99	5.38	5.02	1.16	5.38	5.02	1.25	5.38	5.02	1.35	5.38	5.02	1.46
	26	18	6.09	5.49	1.18	6.09	5.49	1.38	6.09	5.49	1.48	6.09	5.49	1.61	6.09	5.49	1.74
	27	19	6.81	5.86	1.38	6.81	5.86	1.62	6.81	5.86	1.74	6.81	5.86	1.89	6.54	5.71	2.04
	30	22	7.01	6.07	1.40	7.01	5.92	1.64	7.01	5.75	1.76	7.01	5.62	1.91	6.73	5.48	2.06
	32	24	7.15	5.86	1.41	7.15	5.69	1.65	7.15	5.54	1.77	7.15	5.38	1.92	6.86	5.24	2.08
M	20	14	4.19	4.06	0.73	4.19	4.06	0.86	4.19	4.06	0.92	4.19	4.06	1.00	4.19	4.06	1.08
	23	16	5.10	4.77	0.94	5.10	4.77	1.10	5.10	4.77	1.18	5.10	4.77	1.28	5.10	4.77	1.39
	26	18	5.77	5.20	1.12	5.77	5.20	1.31	5.77	5.20	1.41	5.77	5.20	1.53	5.77	5.20	1.65
	27	19	6.46	5.56	1.31	6.46	5.56	1.53	6.46	5.56	1.65	6.46	5.56	1.79	6.20	5.42	1.93
	30	22	6.65	5.76	1.33	6.65	5.62	1.55	6.65	5.45	1.67	6.65	5.33	1.81	6.39	5.19	1.95
	32	24	6.78	5.56	1.33	6.78	5.39	1.56	6.78	5.25	1.68	6.78	5.10	1.82	6.51	4.97	1.97
L	20	14	4.10	3.97	0.72	4.10	3.97	0.84	4.10	3.97	0.90	4.10	3.97	0.98	4.10	3.97	1.06
	23	16	4.99	4.66	0.92	4.99	4.66	1.08	4.99	4.66	1.16	4.99	4.66	1.26	4.99	4.66	1.36
	26	18	5.65	5.09	1.10	5.65	5.09	1.28	5.65	5.09	1.38	5.65	5.09	1.50	5.65	5.09	1.62
	27	19	6.32	5.44	1.28	6.32	5.44	1.50	6.32	5.44	1.61	6.32	5.44	1.75	6.07	5.30	1.89
	30	22	6.51	5.63	1.30	6.51	5.50	1.52	6.51	5.34	1.63	6.51	5.21	1.77	6.25	5.08	1.91
	32	24	6.63	5.44	1.31	6.63	5.27	1.53	6.63	5.14	1.64	6.63	4.99	1.78	6.37	4.86	1.93

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-24BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	5.88	2.01	5.86	2.07	5.84	2.14	5.84	2.22	5.82	2.28
	-5	-5.6	6.55	2.14	6.53	2.19	6.52	2.26	6.52	2.33	6.50	2.38
	0	-0.7	7.23	2.25	7.21	2.29	7.19	2.36	7.19	2.42	7.17	2.46
	7	6.0	8.04	2.36	8.02	2.40	8.00	2.45	7.69	2.37	7.25	2.22
	10	8.0	8.28	2.42	8.26	2.45	8.00	2.40	7.69	2.21	7.25	2.07
H	-10	-11.0	5.70	1.94	5.68	2.00	5.67	2.07	5.67	2.15	5.65	2.21
	-5	-5.6	6.36	2.07	6.34	2.13	6.32	2.19	6.32	2.26	6.30	2.31
	0	-0.7	7.01	2.18	6.99	2.22	6.97	2.29	6.97	2.35	6.96	2.39
	7	6.0	7.80	2.29	7.78	2.33	7.76	2.38	7.46	2.30	7.03	2.15
	10	8.0	8.03	2.35	8.01	2.38	7.76	2.33	7.46	2.14	7.03	2.01
M	-10	-11.0	5.41	1.84	5.39	1.90	5.37	1.97	5.37	2.04	5.36	2.10
	-5	-5.6	6.03	1.97	6.01	2.02	5.99	2.08	5.99	2.14	5.98	2.19
	0	-0.7	6.65	2.07	6.63	2.11	6.61	2.17	6.61	2.23	6.60	2.27
	7	6.0	7.40	2.17	7.38	2.21	7.36	2.25	7.08	2.18	6.67	2.04
	10	8.0	7.62	2.23	7.60	2.25	7.36	2.21	7.08	2.03	6.67	1.91
L	-10	-11.0	5.29	1.80	5.27	1.86	5.26	1.92	5.26	2.00	5.24	2.05
	-5	-5.6	5.90	1.92	5.88	1.97	5.86	2.03	5.86	2.10	5.85	2.14
	0	-0.7	6.51	2.02	6.49	2.06	6.47	2.12	6.47	2.18	6.45	2.22
	7	6.0	7.24	2.12	7.22	2.16	7.20	2.21	6.92	2.13	6.53	2.00
	10	8.0	7.45	2.18	7.43	2.21	7.20	2.16	6.92	1.99	6.53	1.86

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-30BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	5.52	5.34	1.15	5.52	5.34	1.34	5.52	5.34	1.44	5.52	5.34	1.56	5.52	5.34	1.69
	23	16	6.72	6.26	1.47	6.72	6.26	1.72	6.72	6.26	1.85	6.72	6.26	2.01	6.72	6.26	2.17
	26	18	7.60	6.84	1.75	7.60	6.84	2.05	7.60	6.84	2.20	7.60	6.84	2.39	7.60	6.84	2.58
	27	19	8.50	7.30	2.05	8.50	7.30	2.40	8.50	7.30	2.58	8.50	7.30	2.80	8.16	7.12	3.02
	30	22	8.76	7.56	2.08	8.76	7.38	2.43	8.76	7.17	2.61	8.76	7.00	2.83	8.41	6.82	3.06
	32	24	8.92	7.31	2.09	8.92	7.08	2.44	8.92	6.90	2.63	8.92	6.70	2.85	8.57	6.53	3.08
H	20	14	5.35	5.18	1.11	5.35	5.18	1.30	5.35	5.18	1.40	5.35	5.18	1.52	5.35	5.18	1.64
	23	16	6.51	6.07	1.43	6.51	6.07	1.67	6.51	6.07	1.80	6.51	6.07	1.95	6.51	6.07	2.11
	26	18	7.37	6.63	1.70	7.37	6.63	1.99	7.37	6.63	2.14	7.37	6.63	2.32	7.37	6.63	2.51
	27	19	8.25	7.08	1.99	8.25	7.08	2.33	8.25	7.08	2.50	8.25	7.08	2.72	7.92	6.90	2.93
	30	22	8.49	7.34	2.01	8.49	7.16	2.36	8.49	6.95	2.53	8.49	6.79	2.75	8.15	6.62	2.97
	32	24	8.65	7.09	2.03	8.65	6.87	2.37	8.65	6.69	2.55	8.65	6.50	2.77	8.31	6.33	2.99
M	20	14	5.08	4.91	1.05	5.08	4.91	1.23	5.08	4.91	1.32	5.08	4.91	1.44	5.08	4.91	1.55
	23	16	6.18	5.76	1.35	6.18	5.76	1.59	6.18	5.76	1.70	6.18	5.76	1.85	6.18	5.76	2.00
	26	18	6.99	6.29	1.61	6.99	6.29	1.89	6.99	6.29	2.03	6.99	6.29	2.20	6.99	6.29	2.38
	27	19	7.82	6.72	1.89	7.82	6.72	2.21	7.82	6.72	2.37	7.82	6.72	2.58	7.51	6.55	2.78
	30	22	8.05	6.96	1.91	8.05	6.79	2.23	8.05	6.59	2.40	8.05	6.44	2.61	7.73	6.28	2.82
	32	24	8.21	6.72	1.92	8.21	6.52	2.25	8.21	6.35	2.42	8.21	6.16	2.63	7.88	6.01	2.84
L	20	14	4.97	4.80	1.03	4.97	4.80	1.21	4.97	4.80	1.30	4.97	4.80	1.41	4.97	4.80	1.52
	23	16	6.04	5.63	1.33	6.04	5.63	1.55	6.04	5.63	1.67	6.04	5.63	1.81	6.04	5.63	1.95
	26	18	6.84	6.15	1.58	6.84	6.15	1.85	6.84	6.15	1.98	6.84	6.15	2.15	6.84	6.15	2.33
	27	19	7.65	6.57	1.85	7.65	6.57	2.16	7.65	6.57	2.32	7.65	6.57	2.52	7.34	6.40	2.72
	30	22	7.88	6.81	1.87	7.88	6.64	2.19	7.88	6.45	2.35	7.88	6.30	2.55	7.56	6.14	2.75
	32	24	8.03	6.58	1.88	8.03	6.38	2.20	8.03	6.21	2.36	8.03	6.03	2.57	7.71	5.88	2.77

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-30BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	6.47	2.17	6.45	2.23	6.43	2.31	6.43	2.40	6.40	2.47
	-5	-5.6	7.21	2.31	7.19	2.37	7.17	2.45	7.17	2.52	7.15	2.57
	0	-0.7	7.95	2.43	7.93	2.48	7.91	2.55	7.91	2.62	7.89	2.66
	7	6.0	8.84	2.55	8.82	2.60	8.80	2.65	8.46	2.56	7.98	2.40
	10	8.0	9.11	2.62	9.09	2.65	8.80	2.60	8.46	2.39	7.98	2.24
H	-10	-11.0	6.27	2.10	6.25	2.17	6.23	2.24	6.23	2.33	6.21	2.39
	-5	-5.6	6.99	2.24	6.97	2.30	6.95	2.37	6.95	2.44	6.93	2.49
	0	-0.7	7.71	2.36	7.69	2.40	7.67	2.47	7.67	2.54	7.65	2.58
	7	6.0	8.58	2.47	8.56	2.52	8.54	2.57	8.21	2.49	7.74	2.33
	10	8.0	8.83	2.54	8.81	2.57	8.54	2.52	8.21	2.31	7.74	2.17
M	-10	-11.0	5.95	2.00	5.93	2.06	5.91	2.13	5.91	2.21	5.89	2.27
	-5	-5.6	6.63	2.13	6.61	2.18	6.59	2.25	6.59	2.32	6.57	2.37
	0	-0.7	7.32	2.24	7.30	2.28	7.28	2.35	7.28	2.41	7.26	2.45
	7	6.0	8.14	2.35	8.12	2.39	8.10	2.44	7.78	2.36	7.34	2.21
	10	8.0	8.38	2.41	8.36	2.44	8.10	2.39	7.78	2.20	7.34	2.06
L	-10	-11.0	5.82	1.95	5.80	2.01	5.78	2.08	5.78	2.16	5.76	2.22
	-5	-5.6	6.49	2.08	6.47	2.14	6.45	2.20	6.45	2.27	6.43	2.31
	0	-0.7	7.16	2.19	7.14	2.23	7.12	2.30	7.12	2.36	7.10	2.40
	7	6.0	7.96	2.30	7.94	2.34	7.92	2.39	7.62	2.31	7.18	2.16
	10	8.0	8.20	2.36	8.18	2.39	7.92	2.34	7.62	2.15	7.18	2.02

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-36BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	6.49	5.61	1.31	6.49	5.61	1.53	6.49	5.61	1.64	6.49	5.61	1.79	6.49	5.61	1.93
	23	16	7.90	6.58	1.68	7.90	6.58	1.97	7.90	6.58	2.11	7.90	6.58	2.30	7.90	6.58	2.48
	26	18	8.94	7.19	2.00	8.94	7.19	2.34	8.94	7.19	2.52	8.94	7.19	2.74	8.94	7.19	2.95
	27	19	10.00	7.68	2.34	10.00	7.68	2.74	10.00	7.68	2.94	10.00	7.68	3.20	9.60	7.48	3.46
	30	22	10.30	7.95	2.37	10.30	7.76	2.77	10.30	7.53	2.98	10.30	7.36	3.24	9.89	7.17	3.50
	32	24	10.50	7.68	2.39	10.50	7.45	2.79	10.50	7.25	3.00	10.50	7.04	3.26	10.08	6.87	3.52
H	20	14	6.30	5.44	1.27	6.30	5.44	1.49	6.30	5.44	1.60	6.30	5.44	1.73	6.30	5.44	1.87
	23	16	7.66	6.38	1.63	7.66	6.38	1.91	7.66	6.38	2.05	7.66	6.38	2.23	7.66	6.38	2.41
	26	18	8.67	6.97	1.94	8.67	6.97	2.27	8.67	6.97	2.44	8.67	6.97	2.65	8.67	6.97	2.87
	27	19	9.70	7.44	2.27	9.70	7.44	2.66	9.70	7.44	2.86	9.70	7.44	3.10	9.31	7.26	3.35
	30	22	9.99	7.71	2.30	9.99	7.53	2.69	9.99	7.31	2.89	9.99	7.14	3.14	9.59	6.96	3.39
	32	24	10.18	7.45	2.32	10.18	7.22	2.71	10.18	7.03	2.91	10.18	6.83	3.16	9.77	6.66	3.42
M	20	14	5.97	5.16	1.20	5.97	5.16	1.41	5.97	5.16	1.51	5.97	5.16	1.64	5.97	5.16	1.78
	23	16	7.27	6.06	1.55	7.27	6.06	1.81	7.27	6.06	1.95	7.27	6.06	2.11	7.27	6.06	2.28
	26	18	8.22	6.61	1.84	8.22	6.61	2.16	8.22	6.61	2.32	8.22	6.61	2.52	8.22	6.61	2.72
	27	19	9.20	7.06	2.16	9.20	7.06	2.52	9.20	7.06	2.71	9.20	7.06	2.94	8.83	6.88	3.18
	30	22	9.48	7.32	2.18	9.48	7.14	2.55	9.48	6.93	2.74	9.48	6.77	2.98	9.10	6.60	3.22
	32	24	9.66	7.07	2.20	9.66	6.85	2.57	9.66	6.67	2.76	9.66	6.48	3.00	9.27	6.32	3.24
L	20	14	5.84	5.05	1.18	5.84	5.05	1.38	5.84	5.05	1.48	5.84	5.05	1.61	5.84	5.05	1.74
	23	16	7.11	5.92	1.51	7.11	5.92	1.77	7.11	5.92	1.90	7.11	5.92	2.07	7.11	5.92	2.23
	26	18	8.04	6.47	1.80	8.04	6.47	2.11	8.04	6.47	2.27	8.04	6.47	2.46	8.04	6.47	2.66
	27	19	9.00	6.91	2.11	9.00	6.91	2.47	9.00	6.91	2.65	9.00	6.91	2.88	8.64	6.73	3.11
	30	22	9.27	7.16	2.13	9.27	6.98	2.50	9.27	6.78	2.68	9.27	6.62	2.91	8.90	6.46	3.15
	32	24	9.45	6.91	2.15	9.45	6.70	2.51	9.45	6.53	2.70	9.45	6.34	2.93	9.07	6.18	3.17

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-36BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	8.82	2.78	8.79	2.87	8.76	2.97	8.76	3.08	8.73	3.16
	-5	-5.6	9.83	2.97	9.80	3.04	9.77	3.14	9.77	3.23	9.75	3.30
	0	-0.7	10.84	3.12	10.82	3.18	10.78	3.27	10.78	3.36	10.76	3.42
	7	6.0	12.06	3.27	12.03	3.33	12.00	3.40	11.54	3.29	10.88	3.08
	10	8.0	12.42	3.36	12.39	3.40	12.00	3.33	11.54	3.06	10.88	2.88
H	-10	-11.0	8.55	2.70	8.53	2.78	8.50	2.88	8.50	2.99	8.47	3.07
	-5	-5.6	9.54	2.88	9.51	2.95	9.48	3.04	9.48	3.13	9.45	3.20
	0	-0.7	10.52	3.03	10.49	3.08	10.46	3.17	10.46	3.26	10.43	3.31
	7	6.0	11.70	3.17	11.67	3.23	11.64	3.30	11.19	3.19	10.55	2.99
	10	8.0	12.05	3.26	12.02	3.30	11.64	3.23	11.19	2.97	10.55	2.79
M	-10	-11.0	8.11	2.56	8.09	2.64	8.06	2.73	8.06	2.83	8.03	2.91
	-5	-5.6	9.05	2.73	9.02	2.80	8.99	2.89	8.99	2.97	8.97	3.03
	0	-0.7	9.98	2.87	9.95	2.93	9.92	3.01	9.92	3.09	9.90	3.14
	7	6.0	11.09	3.01	11.07	3.07	11.04	3.13	10.62	3.03	10.01	2.83
	10	8.0	11.43	3.09	11.40	3.13	11.04	3.07	10.62	2.82	10.01	2.65
L	-10	-11.0	7.94	2.50	7.91	2.58	7.89	2.67	7.89	2.77	7.86	2.85
	-5	-5.6	8.85	2.67	8.82	2.74	8.80	2.82	8.80	2.91	8.77	2.97
	0	-0.7	9.76	2.81	9.73	2.86	9.71	2.95	9.71	3.02	9.68	3.08
	7	6.0	10.85	2.95	10.83	3.00	10.80	3.06	10.39	2.96	9.79	2.77
	10	8.0	11.18	3.02	11.15	3.06	10.80	3.00	10.39	2.76	9.79	2.59

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-42BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	7.86	6.84	1.80	7.86	6.84	2.11	7.86	6.84	2.26	7.86	6.84	2.46	7.86	6.84	2.65
	23	16	9.56	8.02	2.31	9.56	8.02	2.71	9.56	8.02	2.91	9.56	8.02	3.16	9.56	8.02	3.41
	26	18	10.81	8.76	2.75	10.81	8.76	3.22	10.81	8.76	3.46	10.81	8.76	3.76	10.81	8.76	4.06
	27	19	12.10	9.36	3.22	12.10	9.36	3.77	12.10	9.36	4.05	12.10	9.36	4.40	11.62	9.12	4.75
	30	22	12.46	9.70	3.26	12.46	9.46	3.82	12.46	9.19	4.10	12.46	8.97	4.45	11.97	8.75	4.81
	32	24	12.70	9.37	3.28	12.70	9.08	3.84	12.70	8.84	4.13	12.70	8.59	4.48	12.19	8.37	4.84
H	20	14	7.62	6.64	1.75	7.62	6.64	2.04	7.62	6.64	2.19	7.62	6.64	2.38	7.62	6.64	2.57
	23	16	9.27	7.78	2.24	9.27	7.78	2.63	9.27	7.78	2.82	9.27	7.78	3.07	9.27	7.78	3.31
	26	18	10.49	8.50	2.67	10.49	8.50	3.13	10.49	8.50	3.36	10.49	8.50	3.65	10.49	8.50	3.94
	27	19	11.74	9.08	3.13	11.74	9.08	3.66	11.74	9.08	3.93	11.74	9.08	4.27	11.27	8.85	4.61
	30	22	12.09	9.41	3.16	12.09	9.18	3.70	12.09	8.91	3.97	12.09	8.70	4.32	11.61	8.48	4.66
	32	24	12.32	9.09	3.19	12.32	8.81	3.73	12.32	8.58	4.00	12.32	8.33	4.35	11.83	8.12	4.70
M	20	14	7.23	6.29	1.66	7.23	6.29	1.94	7.23	6.29	2.08	7.23	6.29	2.26	7.23	6.29	2.44
	23	16	8.80	7.38	2.13	8.80	7.38	2.49	8.80	7.38	2.68	8.80	7.38	2.91	8.80	7.38	3.14
	26	18	9.95	8.06	2.53	9.95	8.06	2.96	9.95	8.06	3.18	9.95	8.06	3.46	9.95	8.06	3.74
	27	19	11.13	8.61	2.96	11.13	8.61	3.47	11.13	8.61	3.73	11.13	8.61	4.05	10.69	8.39	4.37
	30	22	11.47	8.92	3.00	11.47	8.70	3.51	11.47	8.45	3.77	11.47	8.26	4.10	11.01	8.05	4.42
	32	24	11.68	8.62	3.02	11.68	8.35	3.53	11.68	8.13	3.80	11.68	7.90	4.13	11.22	7.70	4.46
L	20	14	7.07	6.16	1.62	7.07	6.16	1.89	7.07	6.16	2.04	7.07	6.16	2.21	7.07	6.16	2.39
	23	16	8.60	7.22	2.08	8.60	7.22	2.44	8.60	7.22	2.62	8.60	7.22	2.84	8.60	7.22	3.07
	26	18	9.73	7.89	2.48	9.73	7.89	2.90	9.73	7.89	3.11	9.73	7.89	3.38	9.73	7.89	3.66
	27	19	10.89	8.42	2.90	10.89	8.42	3.39	10.89	8.42	3.64	10.89	8.42	3.96	10.46	8.21	4.28
	30	22	11.22	8.73	2.93	11.22	8.51	3.43	11.22	8.27	3.69	11.22	8.08	4.01	10.77	7.87	4.33
	32	24	11.43	8.43	2.96	11.43	8.17	3.46	11.43	7.96	3.71	11.43	7.73	4.04	10.97	7.53	4.36

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-42BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	9.92	3.36	9.89	3.46	9.86	3.58	9.86	3.71	9.82	3.82
	-5	-5.6	11.06	3.58	11.03	3.67	11.00	3.78	11.00	3.90	10.96	3.98
	0	-0.7	12.20	3.76	12.17	3.83	12.13	3.95	12.13	4.05	12.10	4.12
	7	6.0	13.57	3.95	13.53	4.02	13.50	4.10	12.98	3.97	12.24	3.71
	10	8.0	13.97	4.05	13.94	4.10	13.50	4.02	12.98	3.69	12.24	3.47
H	-10	-11.0	9.62	3.25	9.59	3.35	9.56	3.47	9.56	3.60	9.53	3.70
	-5	-5.6	10.73	3.47	10.70	3.56	10.67	3.67	10.67	3.78	10.63	3.86
	0	-0.7	11.83	3.65	11.80	3.72	11.77	3.83	11.77	3.93	11.74	4.00
	7	6.0	13.16	3.83	13.13	3.90	13.10	3.98	12.59	3.85	11.87	3.60
	10	8.0	13.55	3.93	13.52	3.98	13.10	3.90	12.59	3.58	11.87	3.36
M	-10	-11.0	9.13	3.09	9.10	3.18	9.07	3.29	9.07	3.42	9.04	3.51
	-5	-5.6	10.18	3.29	10.14	3.38	10.12	3.48	10.12	3.58	10.09	3.66
	0	-0.7	11.22	3.46	11.19	3.53	11.16	3.63	11.16	3.73	11.13	3.79
	7	6.0	12.48	3.63	12.45	3.70	12.42	3.77	11.94	3.65	11.26	3.41
	10	8.0	12.85	3.73	12.82	3.77	12.42	3.70	11.94	3.40	11.26	3.19
L	-10	-11.0	8.93	3.02	8.90	3.11	8.87	3.22	8.87	3.34	8.84	3.43
	-5	-5.6	9.96	3.22	9.92	3.30	9.90	3.40	9.90	3.51	9.87	3.58
	0	-0.7	10.98	3.39	10.95	3.45	10.92	3.55	10.92	3.64	10.89	3.71
	7	6.0	12.21	3.55	12.18	3.62	12.15	3.69	11.68	3.57	11.01	3.34
	10	8.0	12.57	3.65	12.54	3.69	12.15	3.62	11.68	3.32	11.01	3.12

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-48BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	8.70	8.26	1.82	8.70	8.26	2.13	8.70	8.26	2.29	8.70	8.26	2.49	8.70	8.26	2.68
	23	16	10.59	9.69	2.34	10.59	9.69	2.74	10.59	9.69	2.94	10.59	9.69	3.20	10.59	9.69	3.45
	26	18	11.97	10.58	2.79	11.97	10.58	3.26	11.97	10.58	3.50	11.97	10.58	3.80	11.97	10.58	4.11
	27	19	13.40	11.30	3.26	13.40	11.30	3.81	13.40	11.30	4.09	13.40	11.30	4.45	12.86	11.01	4.81
	30	22	13.80	11.71	3.30	13.80	11.43	3.86	13.80	11.09	4.14	13.80	10.84	4.50	13.25	10.56	4.86
	32	24	14.06	11.31	3.32	14.06	10.97	3.89	14.06	10.68	4.17	14.06	10.37	4.53	13.50	10.11	4.90
H	20	14	8.44	8.01	1.77	8.44	8.01	2.07	8.44	8.01	2.22	8.44	8.01	2.41	8.44	8.01	2.60
	23	16	10.27	9.40	2.27	10.27	9.40	2.66	10.27	9.40	2.85	10.27	9.40	3.10	10.27	9.40	3.35
	26	18	11.62	10.27	2.70	11.62	10.27	3.16	11.62	10.27	3.39	11.62	10.27	3.69	11.62	10.27	3.98
	27	19	13.00	10.96	3.16	13.00	10.96	3.70	13.00	10.96	3.97	13.00	10.96	4.32	12.48	10.68	4.66
	30	22	13.39	11.36	3.20	13.39	11.08	3.74	13.39	10.76	4.02	13.39	10.51	4.37	12.85	10.25	4.72
	32	24	13.64	10.97	3.22	13.64	10.64	3.77	13.64	10.36	4.05	13.64	10.06	4.40	13.10	9.81	4.75
M	20	14	8.00	7.60	1.67	8.00	7.60	1.96	8.00	7.60	2.10	8.00	7.60	2.29	8.00	7.60	2.47
	23	16	9.74	8.91	2.15	9.74	8.91	2.52	9.74	8.91	2.71	9.74	8.91	2.94	9.74	8.91	3.18
	26	18	11.02	9.74	2.56	11.02	9.74	3.00	11.02	9.74	3.22	11.02	9.74	3.50	11.02	9.74	3.78
	27	19	12.33	10.40	3.00	12.33	10.40	3.51	12.33	10.40	3.77	12.33	10.40	4.09	11.84	10.13	4.42
	30	22	12.70	10.77	3.03	12.70	10.51	3.55	12.70	10.21	3.81	12.70	9.97	4.14	12.19	9.72	4.47
	32	24	12.94	10.41	3.06	12.94	10.09	3.57	12.94	9.82	3.84	12.94	9.54	4.17	12.42	9.30	4.51
L	20	14	7.83	7.43	1.64	7.83	7.43	1.92	7.83	7.43	2.06	7.83	7.43	2.24	7.83	7.43	2.42
	23	16	9.53	8.72	2.11	9.53	8.72	2.46	9.53	8.72	2.65	9.53	8.72	2.88	9.53	8.72	3.11
	26	18	10.78	9.53	2.51	10.78	9.53	2.93	10.78	9.53	3.15	10.78	9.53	3.42	10.78	9.53	3.70
	27	19	12.06	10.17	2.93	12.06	10.17	3.43	12.06	10.17	3.69	12.06	10.17	4.01	11.58	9.91	4.33
	30	22	12.42	10.54	2.97	12.42	10.28	3.47	12.42	9.98	3.73	12.42	9.75	4.05	11.93	9.51	4.38
	32	24	12.66	10.18	2.99	12.66	9.87	3.50	12.66	9.61	3.76	12.66	9.33	4.08	12.15	9.10	4.41

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-48BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	11.39	3.76	11.35	3.88	11.32	4.02	11.32	4.17	11.28	4.28
	-5	-5.6	12.70	4.02	12.66	4.12	12.62	4.24	12.62	4.37	12.59	4.46
	0	-0.7	14.01	4.22	13.97	4.30	13.93	4.43	13.93	4.54	13.89	4.62
	7	6.0	15.58	4.43	15.54	4.51	15.50	4.60	14.90	4.45	14.05	4.16
	10	8.0	16.04	4.54	16.00	4.60	15.50	4.51	14.90	4.14	14.05	3.89
H	-10	-11.0	11.05	3.65	11.01	3.76	10.98	3.89	10.98	4.04	10.94	4.15
	-5	-5.6	12.32	3.89	12.28	3.99	12.25	4.12	12.25	4.24	12.21	4.33
	0	-0.7	13.59	4.09	13.55	4.17	13.51	4.30	13.51	4.41	13.48	4.48
	7	6.0	15.11	4.30	15.07	4.37	15.04	4.46	14.46	4.32	13.63	4.04
	10	8.0	15.56	4.41	15.52	4.46	15.04	4.37	14.46	4.02	13.63	3.77
M	-10	-11.0	10.48	3.46	10.45	3.57	10.41	3.69	10.41	3.83	10.38	3.94
	-5	-5.6	11.68	3.69	11.65	3.79	11.61	3.91	11.61	4.02	11.58	4.11
	0	-0.7	12.89	3.88	12.85	3.96	12.82	4.07	12.82	4.18	12.78	4.25
	7	6.0	14.33	4.07	14.30	4.15	14.26	4.23	13.71	4.09	12.93	3.83
	10	8.0	14.76	4.18	14.72	4.23	14.26	4.15	13.71	3.81	12.93	3.58
L	-10	-11.0	10.25	3.39	10.22	3.49	10.19	3.61	10.19	3.75	10.15	3.85
	-5	-5.6	11.43	3.61	11.39	3.71	11.36	3.82	11.36	3.93	11.33	4.02
	0	-0.7	12.61	3.80	12.57	3.87	12.54	3.99	12.54	4.09	12.50	4.16
	7	6.0	14.02	3.99	13.99	4.06	13.95	4.14	13.41	4.01	12.64	3.75
	10	8.0	14.44	4.09	14.40	4.14	13.95	4.06	13.41	3.73	12.64	3.50

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

3. The table shows nominal MAX capacities.

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-60BI

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	10.39	9.87	2.23	10.39	9.87	2.61	10.39	9.87	2.80	10.39	9.87	3.04	10.39	9.87	3.29
	23	16	12.64	11.58	2.87	12.64	11.58	3.35	12.64	11.58	3.60	12.64	11.58	3.91	12.64	11.58	4.23
	26	18	14.30	12.65	3.41	14.30	12.65	3.99	14.30	12.65	4.29	14.30	12.65	4.66	14.30	12.65	5.03
	27	19	16.00	13.50	3.99	16.00	13.50	4.67	16.00	13.50	5.02	16.00	13.50	5.45	15.36	13.16	5.89
	30	22	16.48	13.99	4.04	16.48	13.65	4.73	16.48	13.25	5.08	16.48	12.95	5.52	15.82	12.62	5.96
	32	24	16.79	13.51	4.07	16.79	13.10	4.76	16.79	12.75	5.11	16.79	12.39	5.55	16.12	12.08	6.00
H	20	14	10.08	9.57	2.16	10.08	9.57	2.53	10.08	9.57	2.72	10.08	9.57	2.95	10.08	9.57	3.19
	23	16	12.26	11.23	2.78	12.26	11.23	3.25	12.26	11.23	3.49	12.26	11.23	3.80	12.26	11.23	4.10
	26	18	13.87	12.27	3.31	13.87	12.27	3.87	13.87	12.27	4.16	13.87	12.27	4.52	13.87	12.27	4.88
	27	19	15.52	13.10	3.87	15.52	13.10	4.53	15.52	13.10	4.86	15.52	13.10	5.29	14.90	12.76	5.71
	30	22	15.99	13.57	3.92	15.99	13.24	4.58	15.99	12.85	4.92	15.99	12.56	5.35	15.35	12.24	5.78
	32	24	16.29	13.11	3.95	16.29	12.71	4.62	16.29	12.37	4.96	16.29	12.02	5.39	15.64	11.71	5.82
M	20	14	9.56	9.08	2.05	9.56	9.08	2.40	9.56	9.08	2.58	9.56	9.08	2.80	9.56	9.08	3.02
	23	16	11.63	10.65	2.64	11.63	10.65	3.09	11.63	10.65	3.31	11.63	10.65	3.60	11.63	10.65	3.89
	26	18	13.15	11.63	3.14	13.15	11.63	3.67	13.15	11.63	3.94	13.15	11.63	4.29	13.15	11.63	4.63
	27	19	14.72	12.42	3.67	14.72	12.42	4.30	14.72	12.42	4.61	14.72	12.42	5.01	14.13	12.11	5.42
	30	22	15.16	12.87	3.72	15.16	12.56	4.35	15.16	12.19	4.67	15.16	11.91	5.07	14.56	11.61	5.48
	32	24	15.45	12.43	3.74	15.45	12.05	4.38	15.45	11.73	4.70	15.45	11.40	5.11	14.83	11.11	5.52
L	20	14	9.35	8.88	2.01	9.35	8.88	2.35	9.35	8.88	2.52	9.35	8.88	2.74	9.35	8.88	2.96
	23	16	11.38	10.42	2.58	11.38	10.42	3.02	11.38	10.42	3.24	11.38	10.42	3.52	11.38	10.42	3.80
	26	18	12.87	11.38	3.07	12.87	11.38	3.59	12.87	11.38	3.86	12.87	11.38	4.19	12.87	11.38	4.53
	27	19	14.40	12.15	3.59	14.40	12.15	4.20	14.40	12.15	4.51	14.40	12.15	4.91	13.82	11.84	5.30
	30	22	14.83	12.59	3.64	14.83	12.29	4.25	14.83	11.93	4.57	14.83	11.65	4.96	14.24	11.36	5.36
	32	24	15.11	12.16	3.66	15.11	11.79	4.28	15.11	11.48	4.60	15.11	11.15	5.00	14.51	10.87	5.40

TABLE OF CAPACITY CORRECTION

FLOOR-CEILING TYPE

ASF-60BI

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	12.49	4.09	12.45	4.21	12.41	4.36	12.41	4.53	12.37	4.65
	-5	-5.6	13.93	4.36	13.89	4.48	13.85	4.61	13.85	4.75	13.81	4.85
	0	-0.7	15.36	4.59	15.32	4.68	15.28	4.81	15.28	4.94	15.24	5.03
	7	6.0	17.08	4.81	17.04	4.90	17.00	5.00	16.35	4.84	15.41	4.53
	10	8.0	17.59	4.94	17.55	5.00	17.00	4.90	16.35	4.50	15.41	4.23
H	-10	-11.0	12.12	3.97	12.08	4.09	12.04	4.23	12.04	4.39	12.00	4.51
	-5	-5.6	13.51	4.23	13.47	4.34	13.43	4.48	13.43	4.61	13.39	4.71
	0	-0.7	14.90	4.45	14.86	4.54	14.82	4.67	14.82	4.79	14.78	4.87
	7	6.0	16.57	4.67	16.53	4.75	16.49	4.85	15.86	4.69	14.95	4.39
	10	8.0	17.07	4.79	17.03	4.85	16.49	4.75	15.86	4.37	14.95	4.10
M	-10	-11.0	11.49	3.76	11.46	3.88	11.42	4.02	11.42	4.17	11.38	4.28
	-5	-5.6	12.81	4.02	12.77	4.12	12.74	4.24	12.74	4.37	12.70	4.46
	0	-0.7	14.13	4.22	14.10	4.30	14.06	4.43	14.06	4.54	14.02	4.62
	7	6.0	15.72	4.43	15.68	4.51	15.64	4.60	15.04	4.45	14.18	4.16
	10	8.0	16.19	4.54	16.15	4.60	15.64	4.51	15.04	4.14	14.18	3.89
L	-10	-11.0	11.24	3.68	11.21	3.79	11.17	3.93	11.17	4.07	11.13	4.19
	-5	-5.6	12.54	3.93	12.50	4.03	12.46	4.15	12.46	4.28	12.43	4.37
	0	-0.7	13.83	4.13	13.79	4.21	13.75	4.33	13.75	4.44	13.71	4.52
	7	6.0	15.37	4.33	15.34	4.41	15.30	4.50	14.71	4.35	13.87	4.07
	10	8.0	15.83	4.45	15.80	4.50	15.30	4.41	14.71	4.05	13.87	3.81

Note:

DB: Dry bulb temp. WB: Wet bulb temp.

TC: Total cooling(heating) capacity. SHC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

Cooling	Heating	Equivalent Piping Length
Indoor:27°C/19°C Outdoor:35°C	Indoor:20°C Outdoor:7°C/6°C	5 m

2. Capacities are net, including a deduction for cooling(an addition for heating) for indoor fan motor

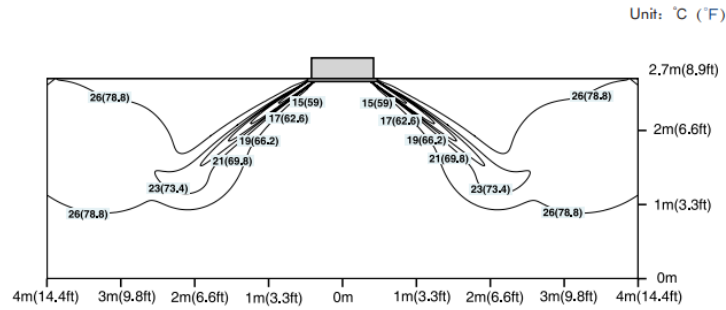
3. The table shows nominal MAX capacities.

AIR FLOW CHARTS

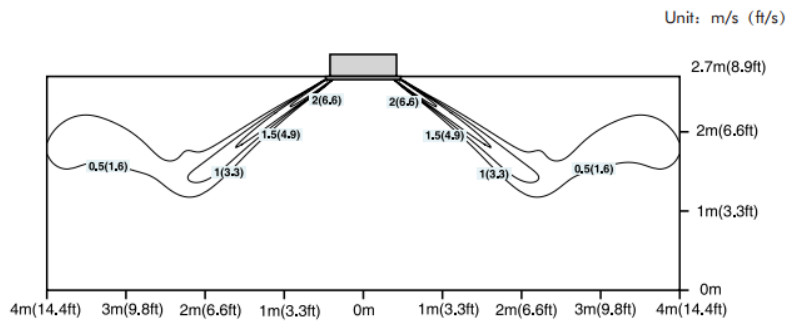
Cassette Type

ASC-12BI, ASC-18BI

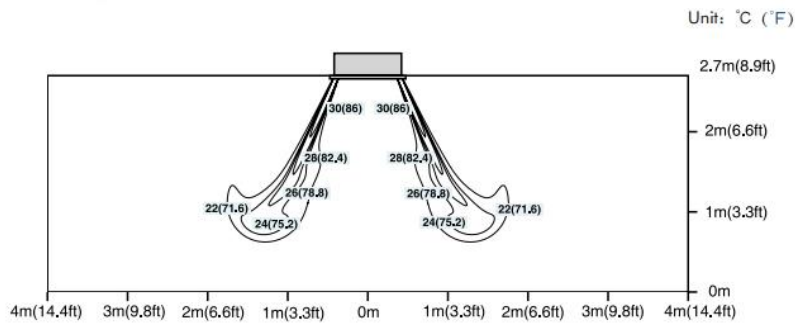
Cooling Temperature



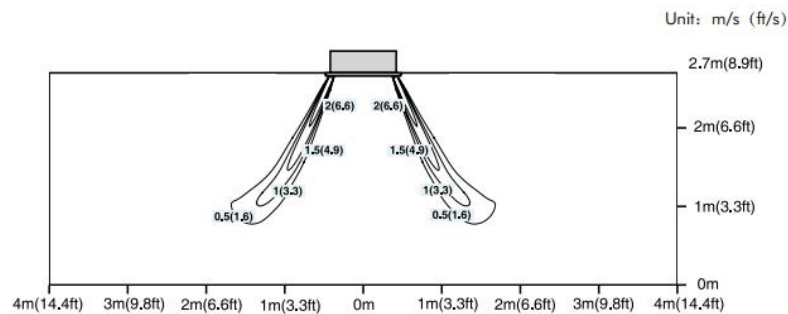
Cooling Velocity



Heating Temperature



Heating Velocity

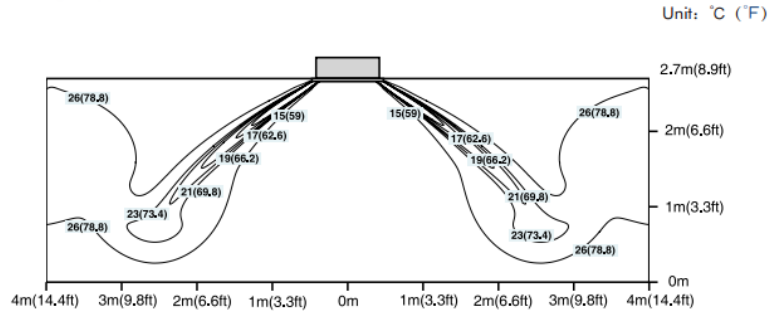


AIR FLOW CHARTS

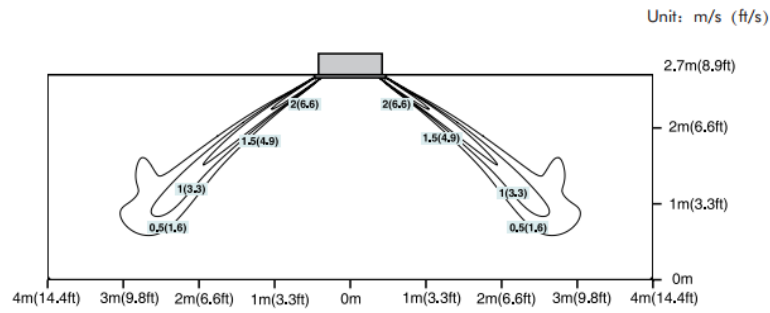
Cassette Type

ASC-24BI, ASC-30BI

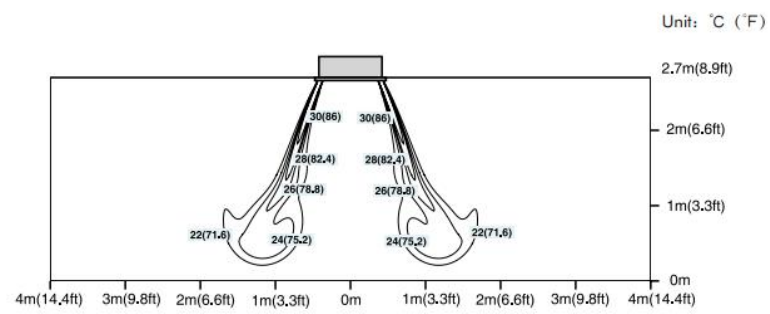
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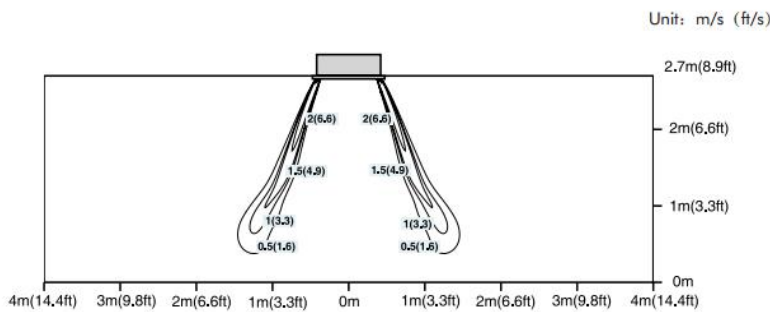
Cooling Velocity



Heating Temperature



Heating Velocity

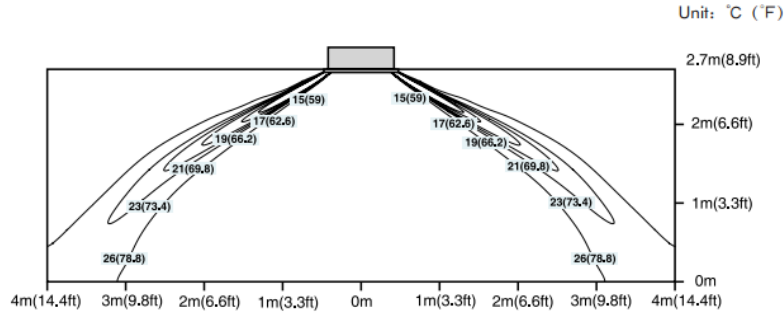


AIR FLOW CHARTS

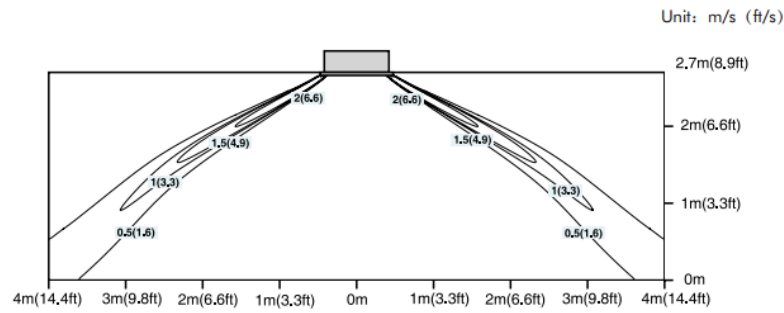
Cassette Type

ASC-36BI

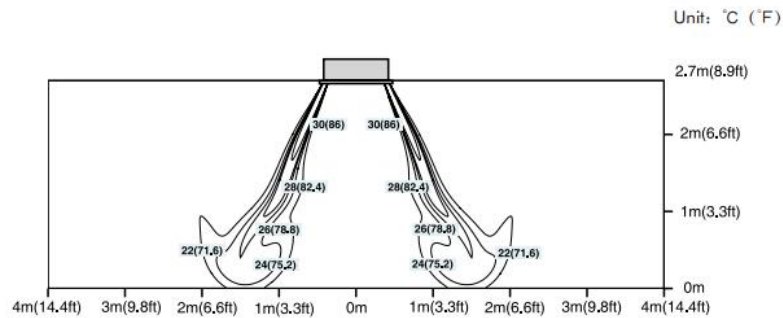
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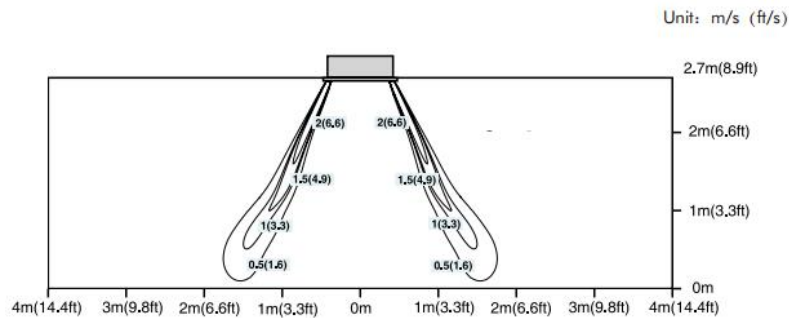
Cooling Velocity



Heating Temperature



Heating Velocity

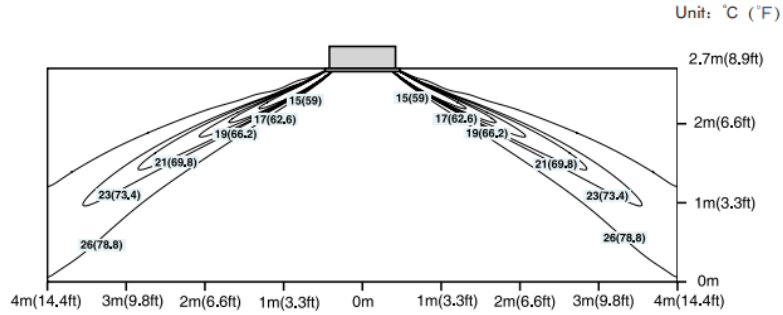


AIR FLOW CHARTS

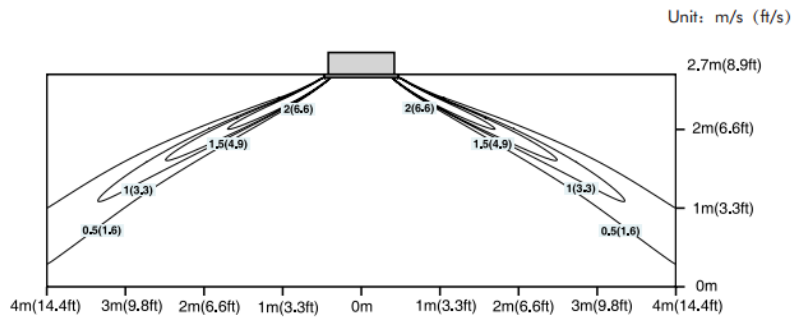
Cassette Type

ASC-42BI, ASC-48BI

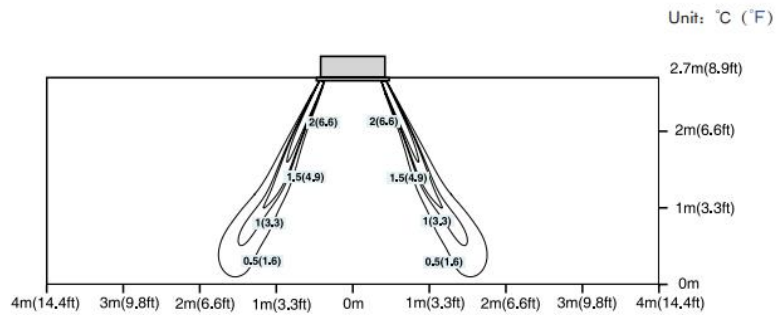
Cooling Temperature



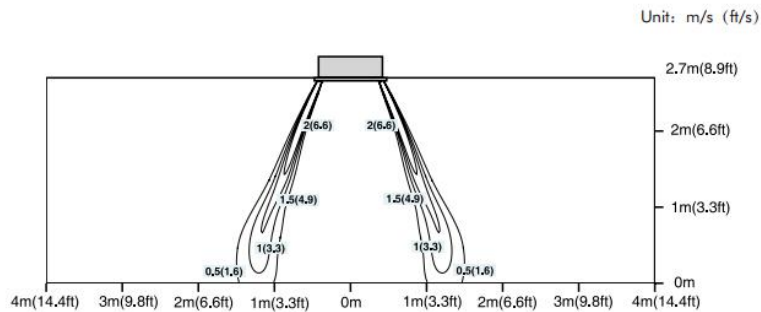
Cooling Velocity



Heating Temperature



Heating Velocity

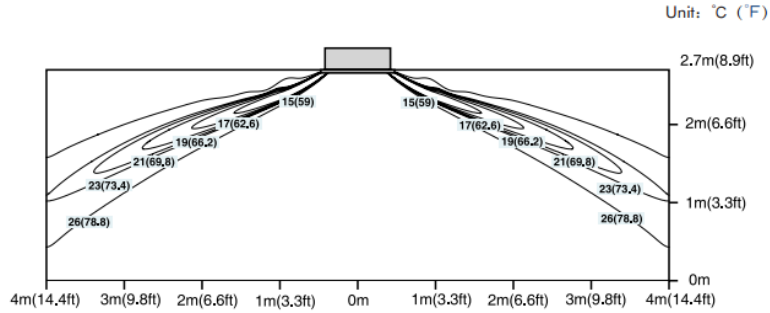


AIR FLOW CHARTS

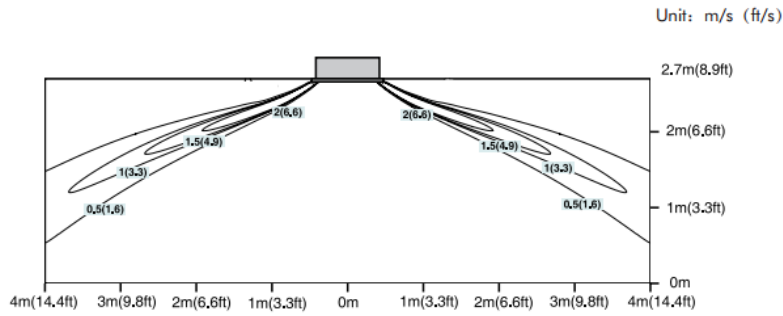
Cassette Type

ASC-60BI

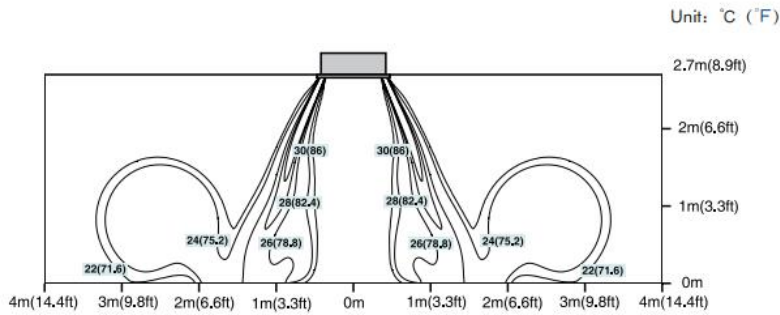
Cooling Temperature



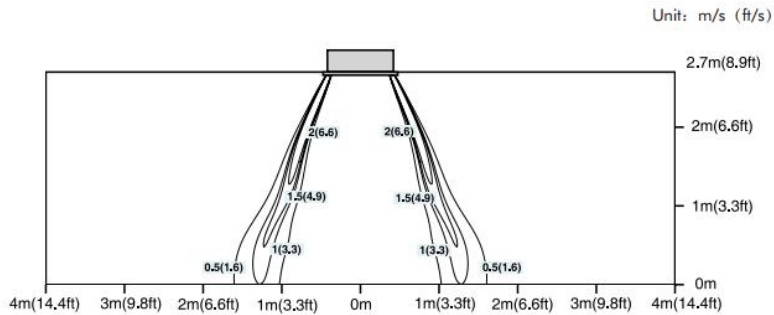
Cooling Velocity



Heating Temperature



Heating Velocity

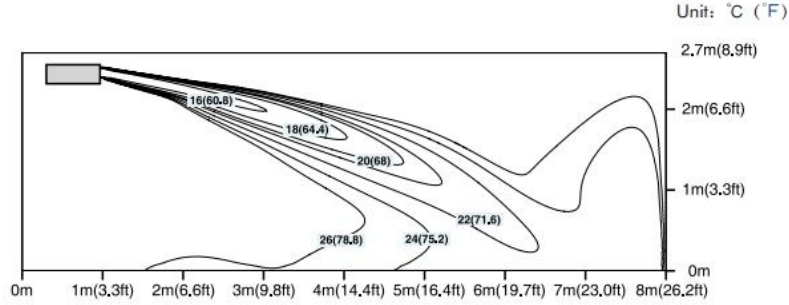


AIR FLOW CHARTS

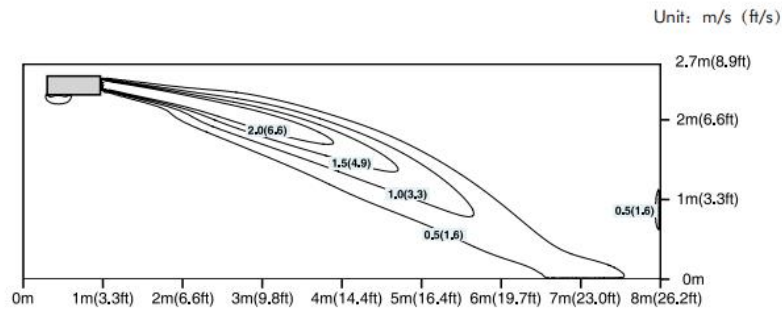
Floor-Ceiling Type

ASF-12BI

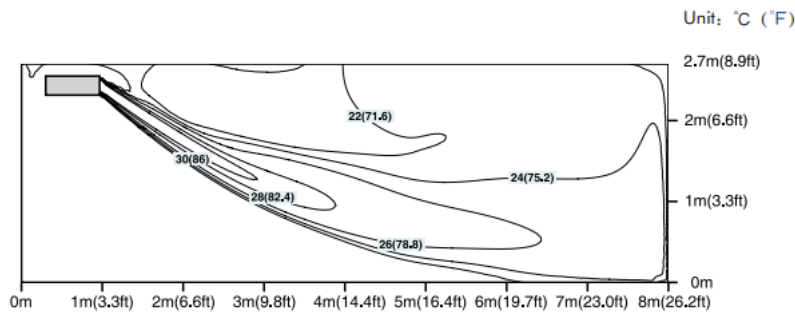
Cooling Temperature



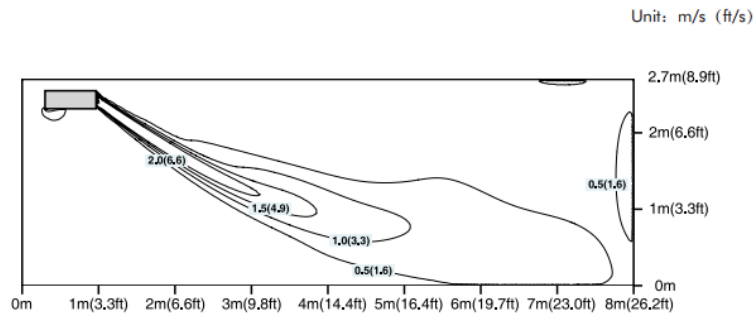
Cooling Velocity



Heating Temperature



Heating Velocity

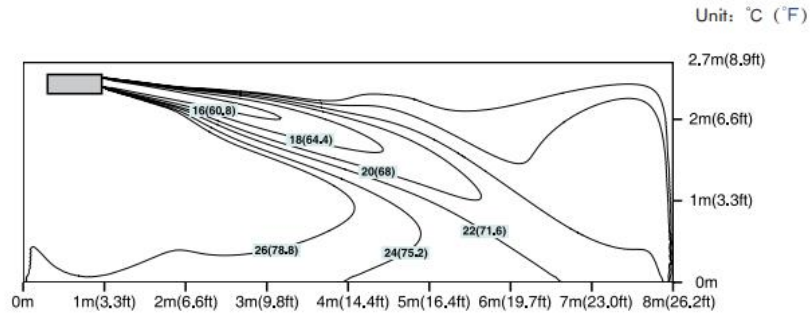


AIR FLOW CHARTS

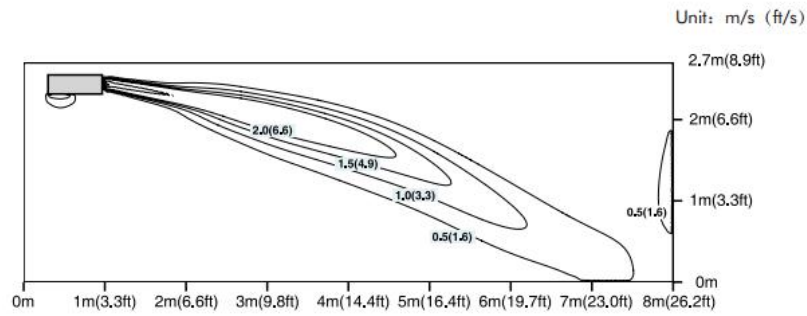
Floor-Ceiling Type

ASF-18BI

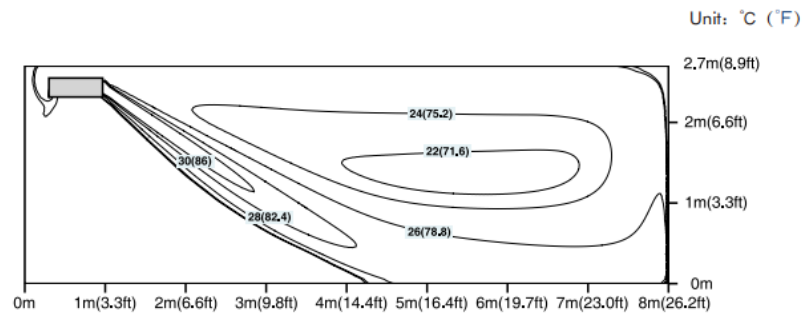
Cooling Temperature



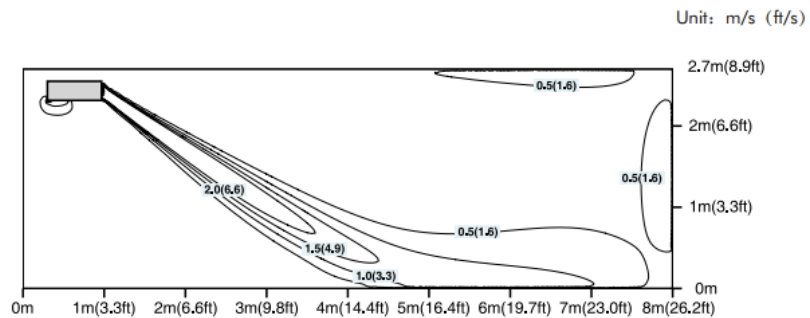
Cooling Velocity



Heating Temperature



Heating Velocity

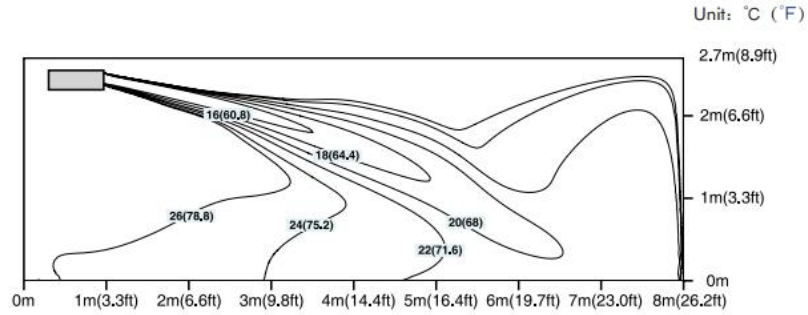


AIR FLOW CHARTS

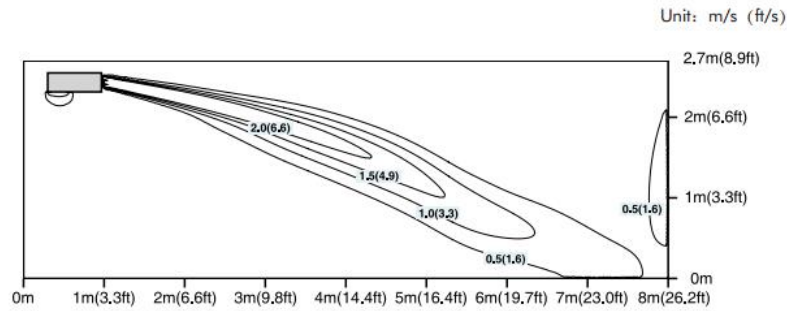
Floor-Ceiling Type

ASF-24BI, ASF-30BI

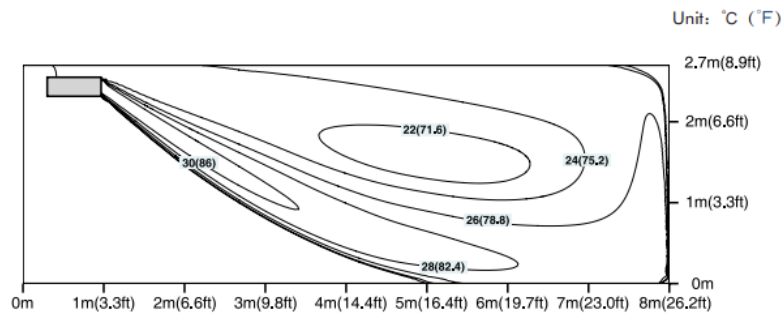
Cooling Temperature



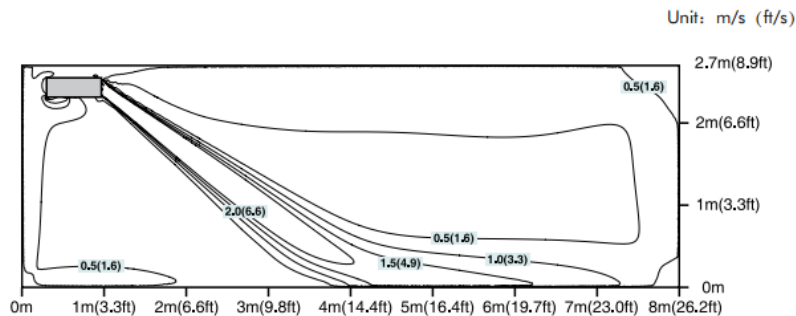
Cooling Velocity



Heating Temperature



Heating Velocity

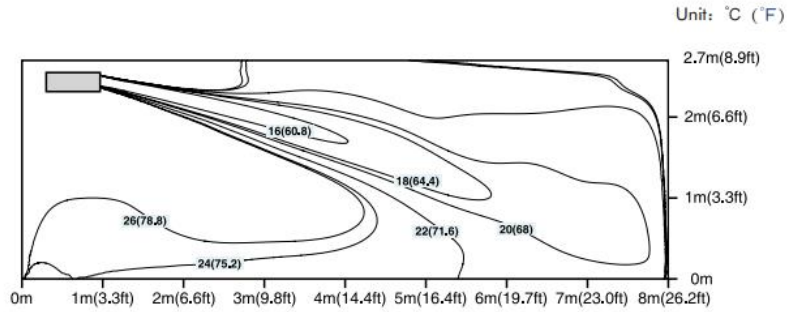


AIR FLOW CHARTS

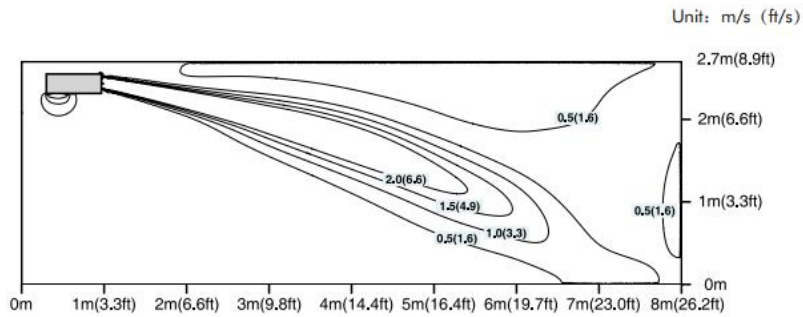
Floor-Ceiling Type

ASF-36BI

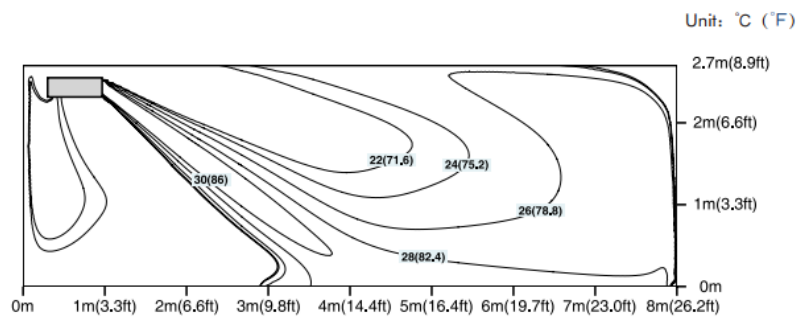
Cooling Temperature



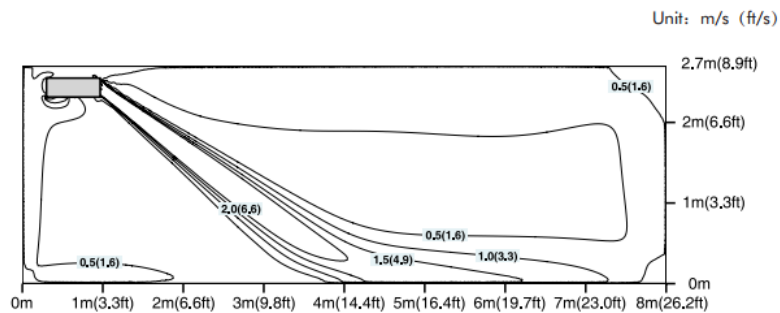
Cooling Velocity



Heating Temperature



Heating Velocity

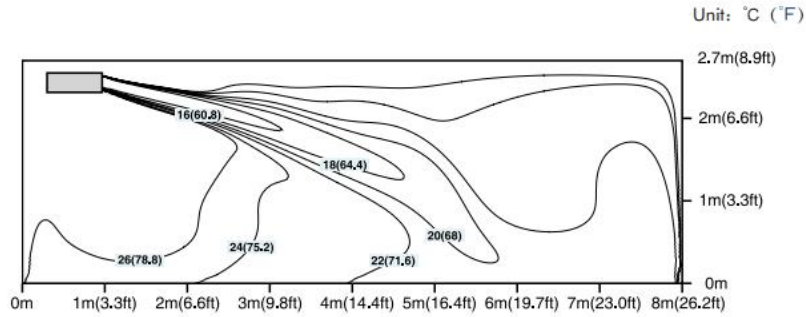


AIR FLOW CHARTS

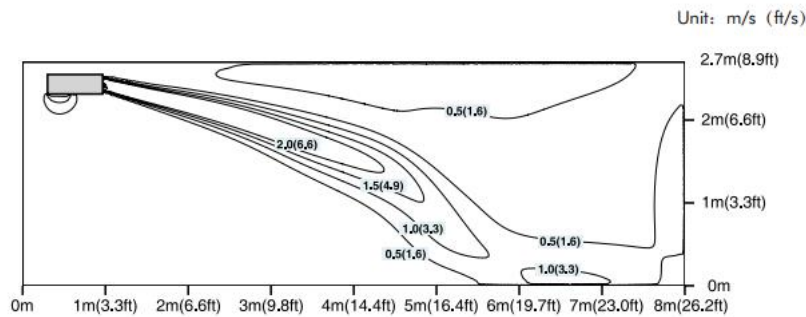
Floor-Ceiling Type

ASF-42BI, ASF-48BI

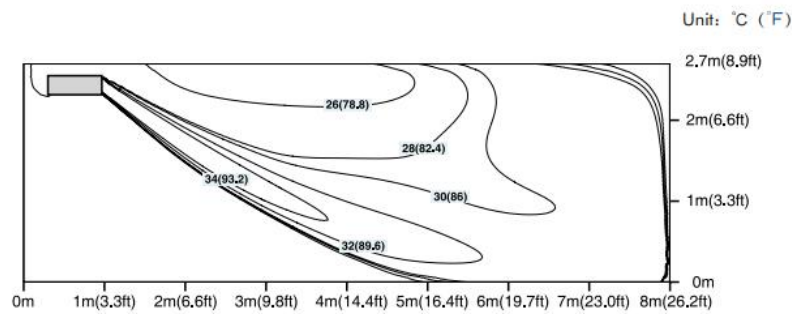
Cooling Temperature



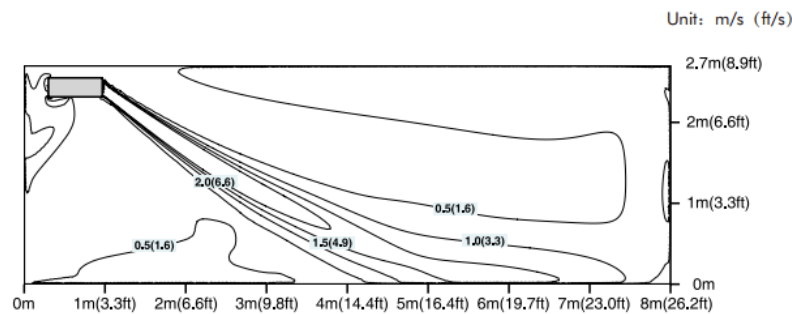
Cooling Velocity



Heating Temperature



Heating Velocity

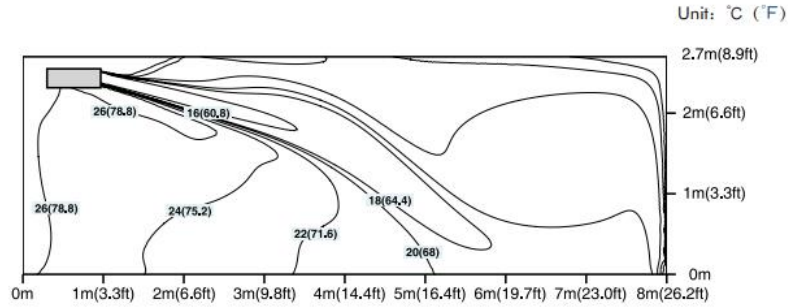


AIR FLOW CHARTS

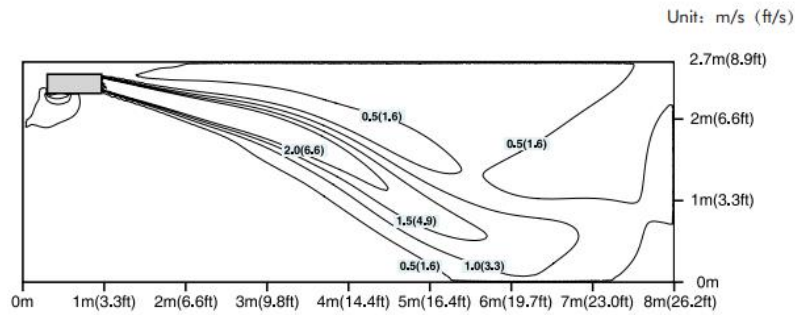
Floor-Ceiling Type

ASF-60BI

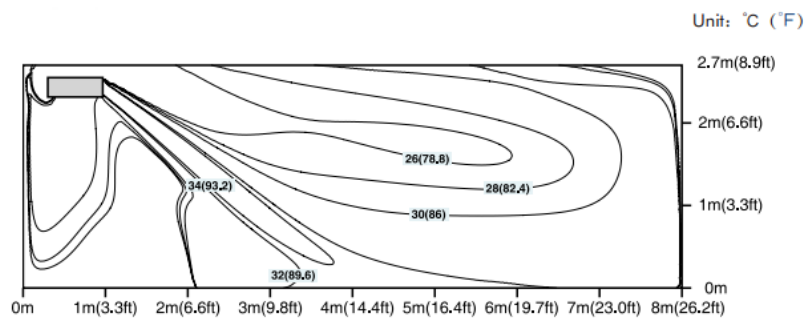
Cooling Temperature



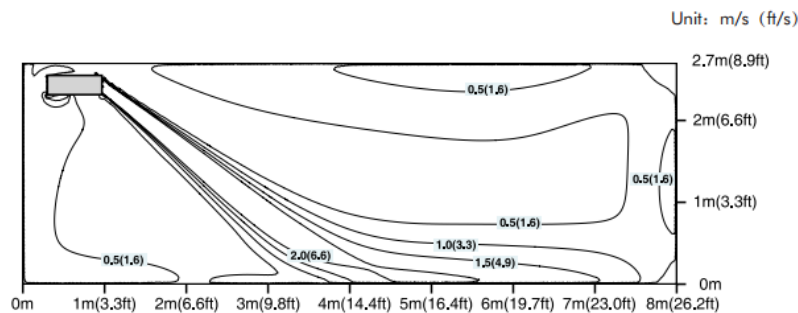
Cooling Velocity



Heating Temperature



Heating Velocity

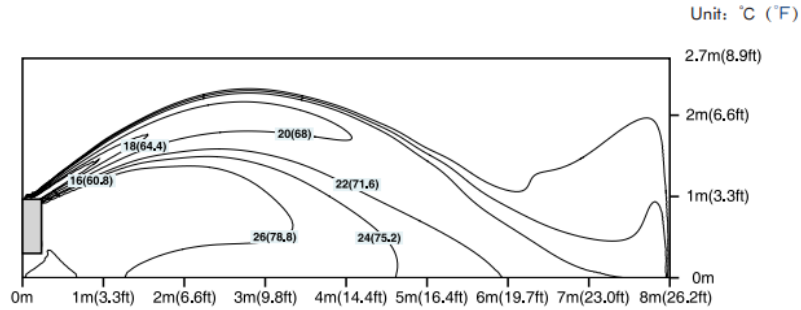


AIR FLOW CHARTS

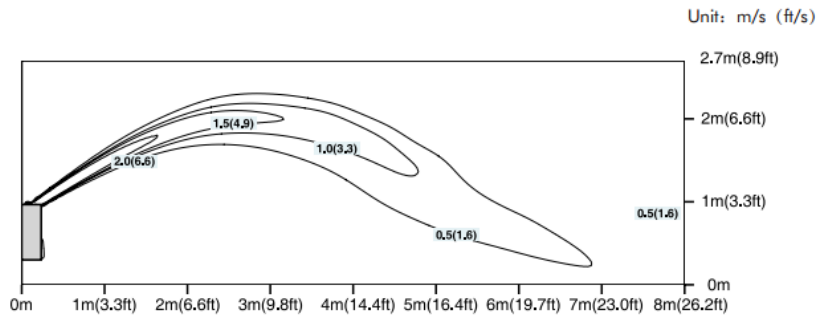
Floor-Ceiling Type

ASF-12BI

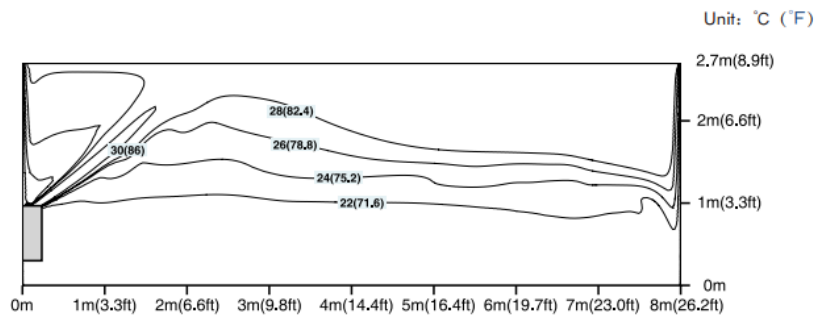
Cooling Temperature



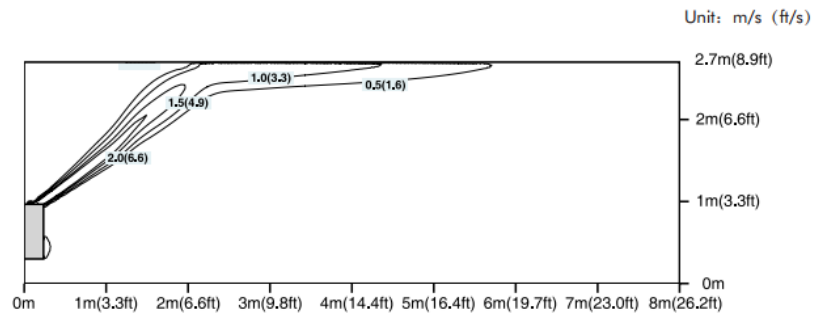
Cooling Velocity



Heating Temperature



Heating Velocity

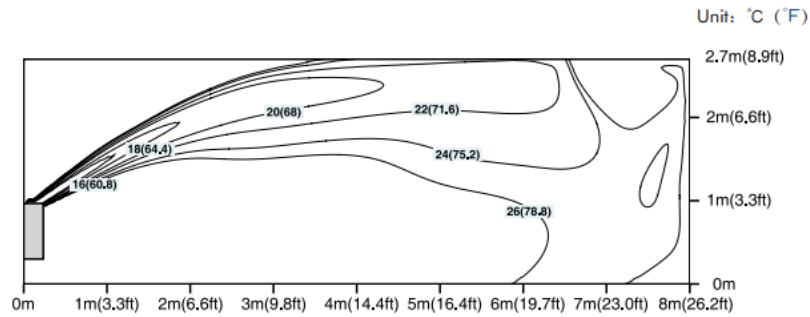


AIR FLOW CHARTS

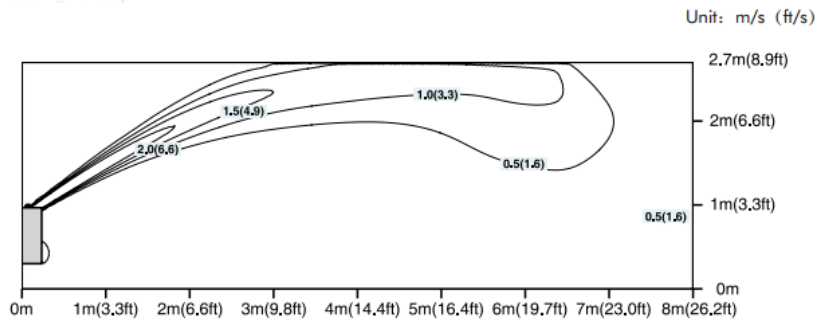
Floor-Ceiling Type

ASF-18BI

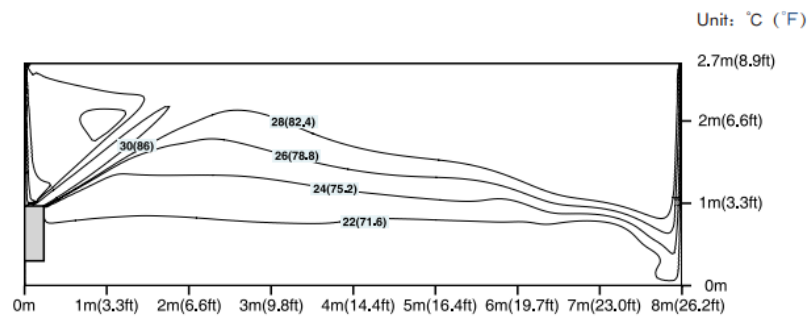
Cooling Temperature



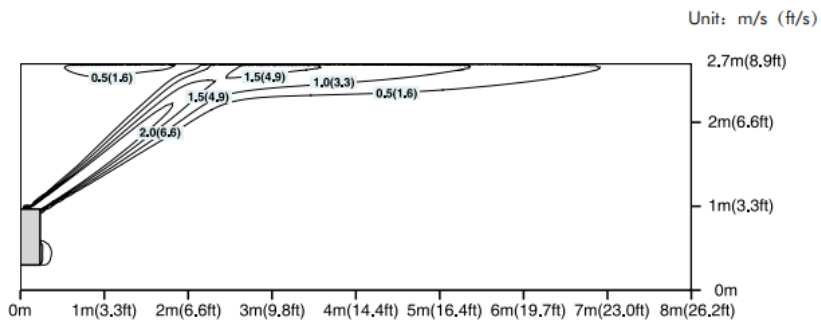
Cooling Velocity



Heating Temperature



Heating Velocity

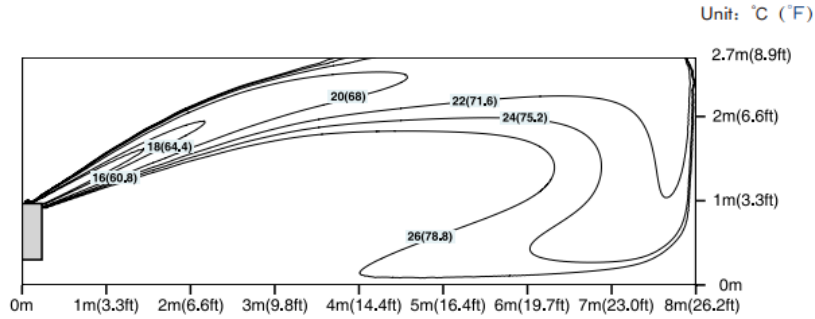


AIR FLOW CHARTS

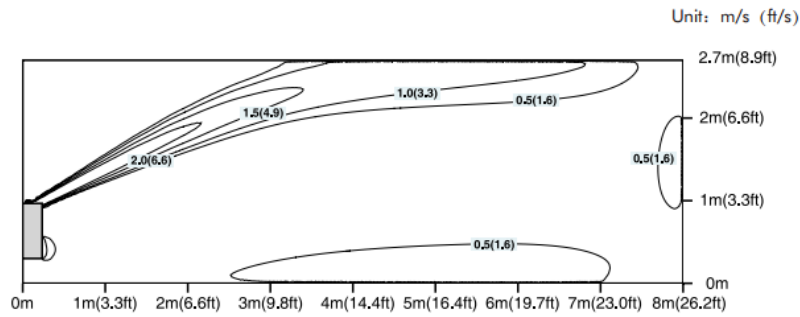
Floor-Ceiling Type

ASF-24BI, ASF-30BI

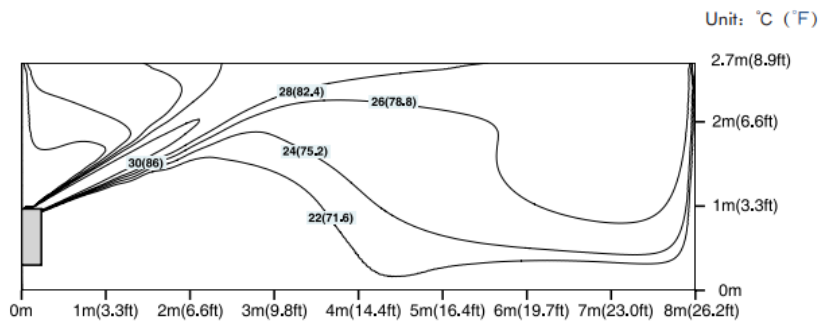
Cooling Temperature



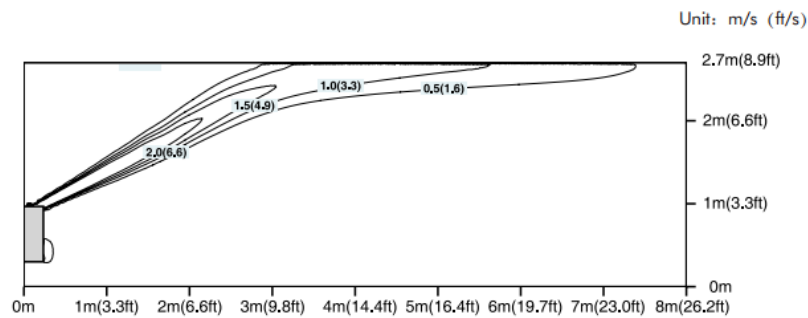
Cooling Velocity



Heating Temperature



Heating Velocity

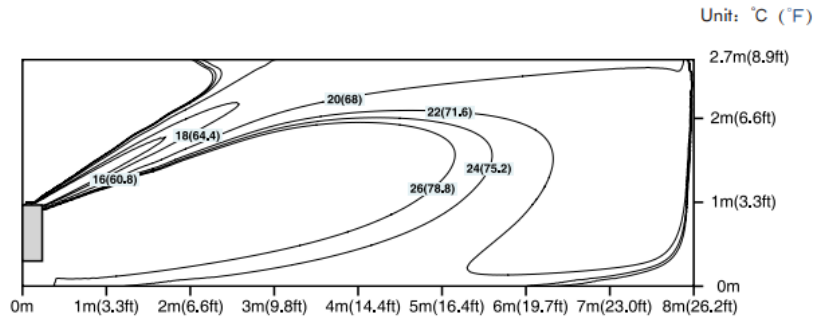


AIR FLOW CHARTS

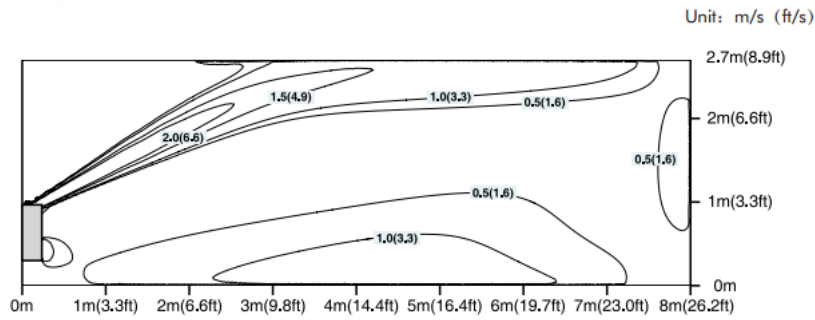
Floor-Ceiling Type

ASF-36BI

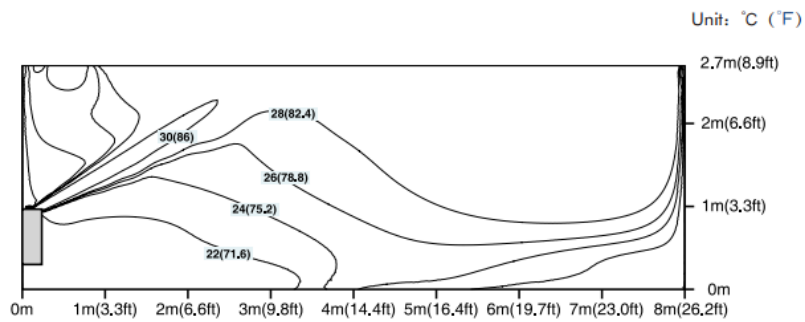
Cooling Temperature



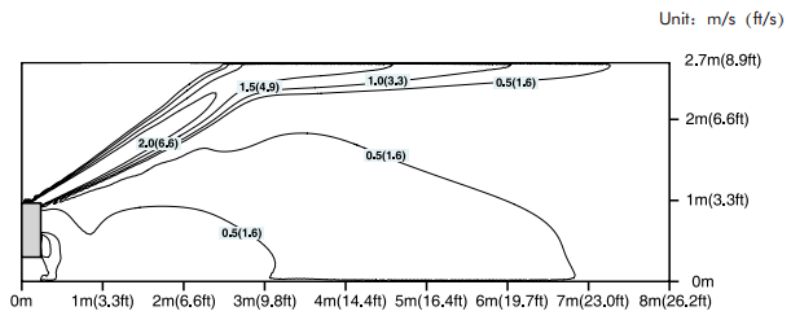
Cooling Velocity



Heating Temperature



Heating Velocity

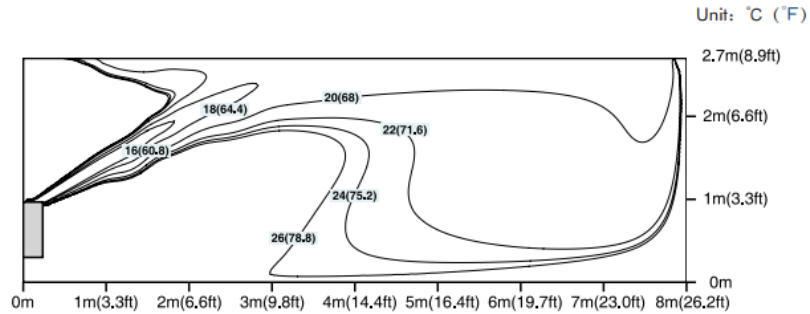


AIR FLOW CHARTS

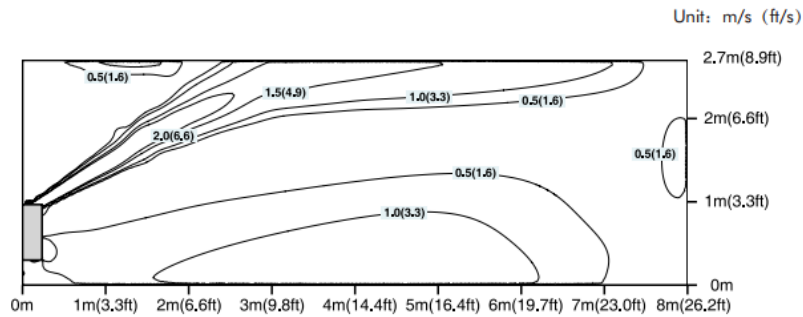
Floor-Ceiling Type

ASF-42BI, ASF-48BI

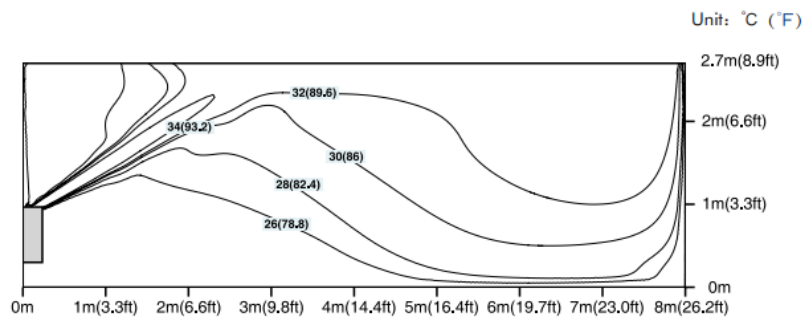
Cooling Temperature



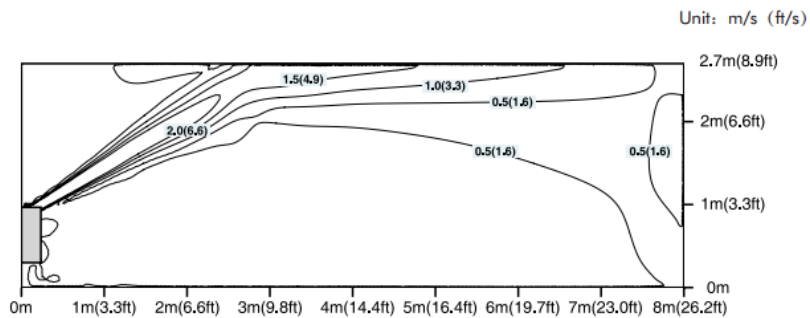
Cooling Velocity



Heating Temperature



Heating Velocity

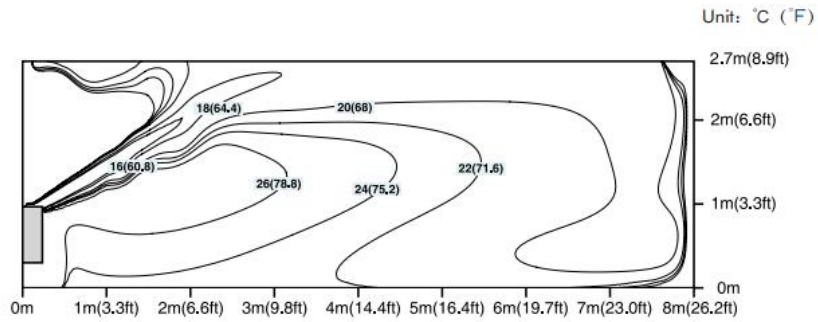


AIR FLOW CHARTS

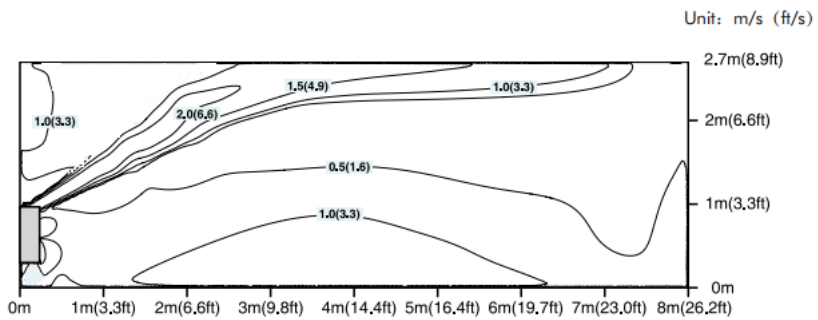
Floor-Ceiling Type

ASF-60BI

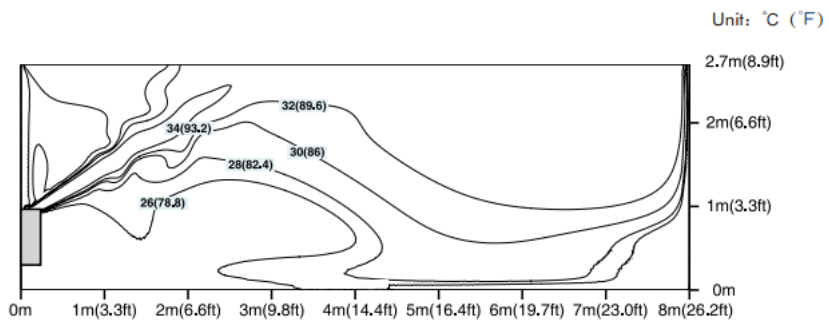
Cooling Temperature



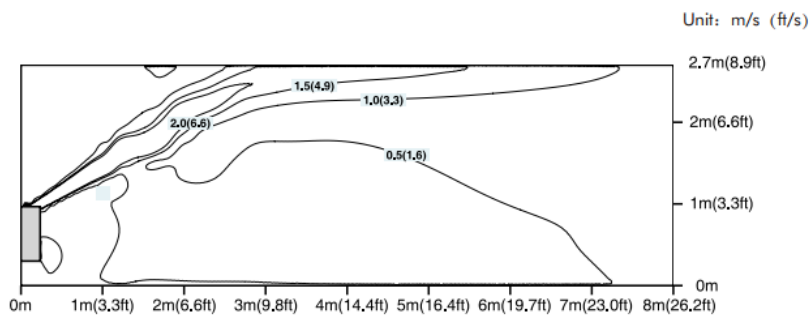
Cooling Velocity



Heating Temperature



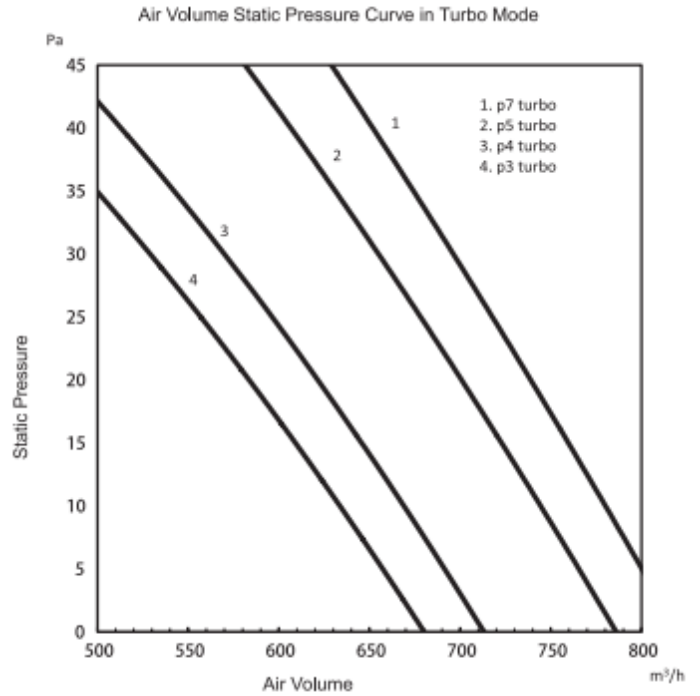
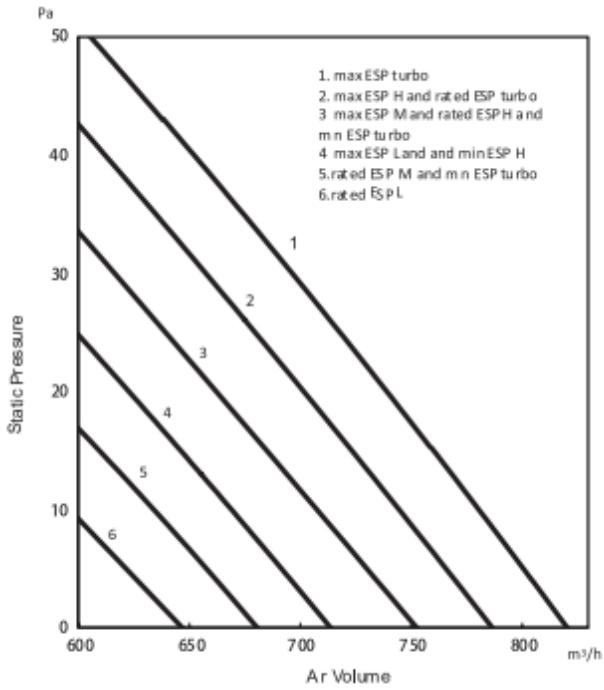
Heating Velocity



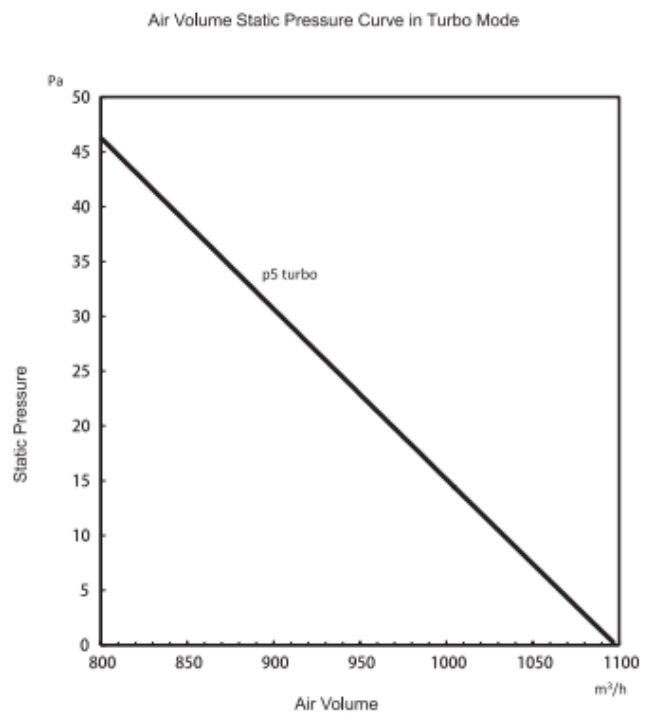
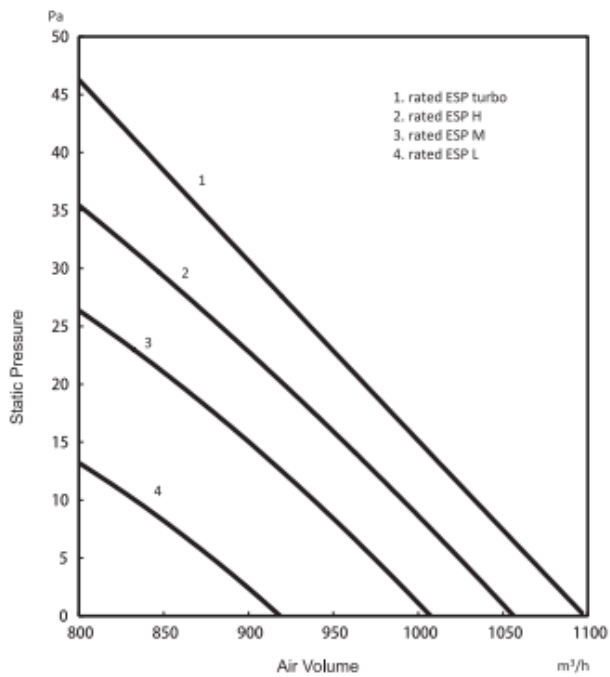
AIR VOLUME STATIC PRESSURE CURVE

Duct Type

ASD-12BI

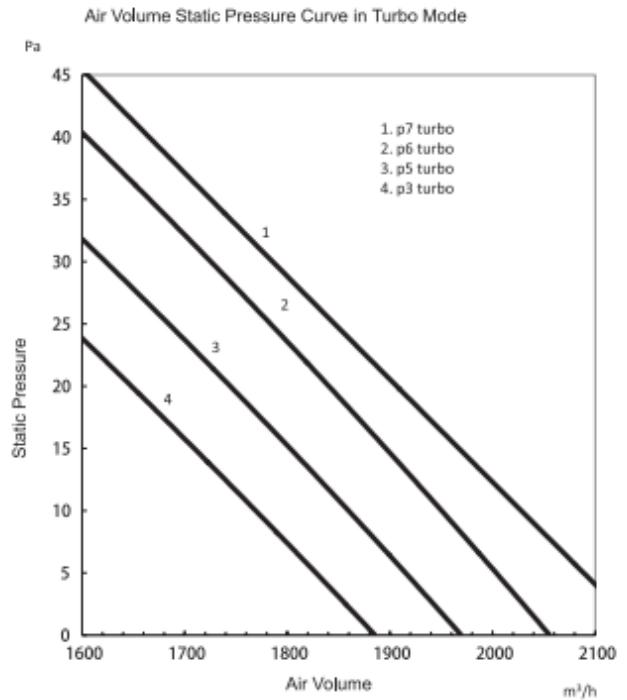
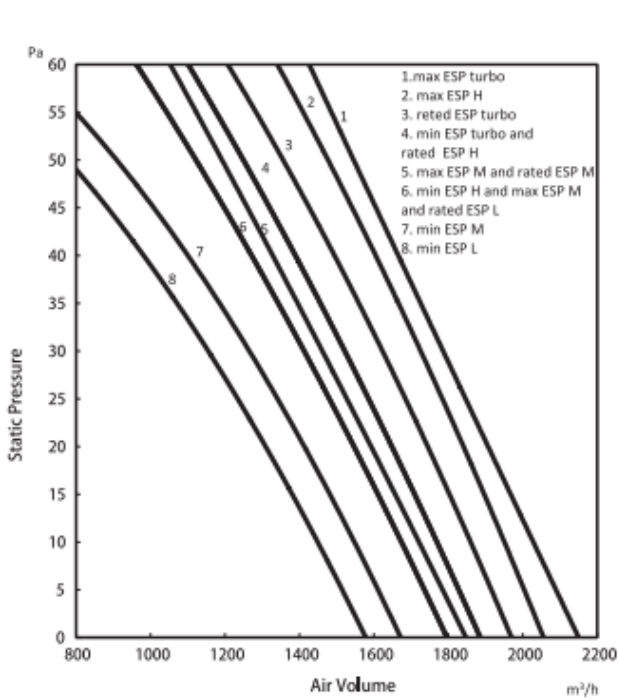


ASD-18BI

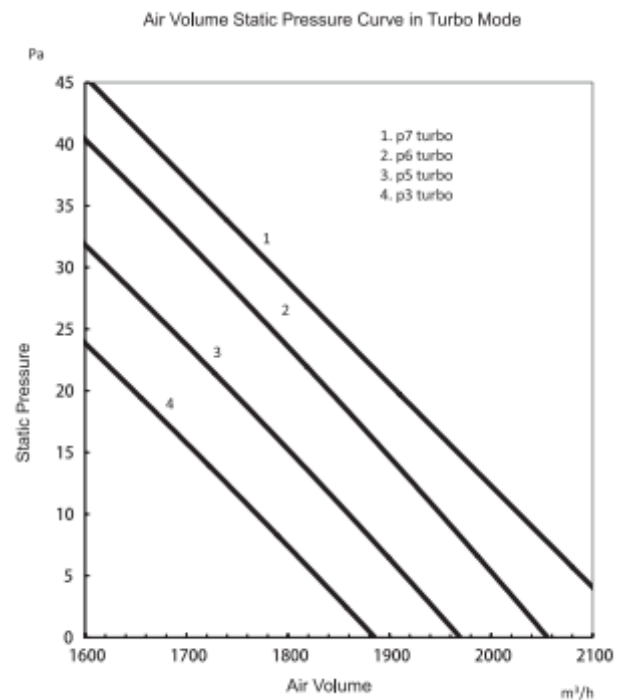
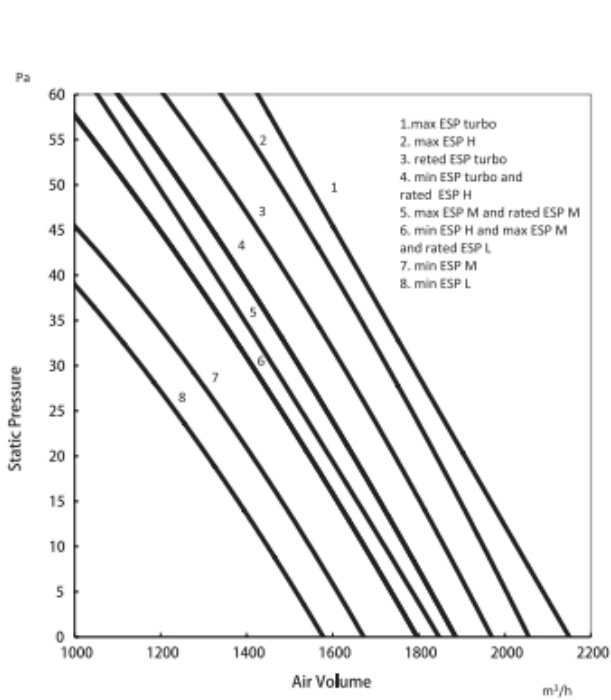


AIR VOLUME STATIC PRESSURE CURVE

ASD-24BI

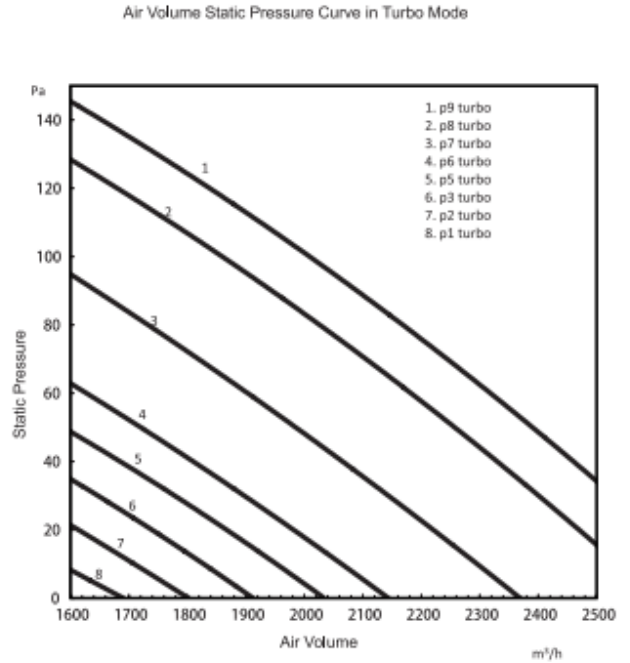
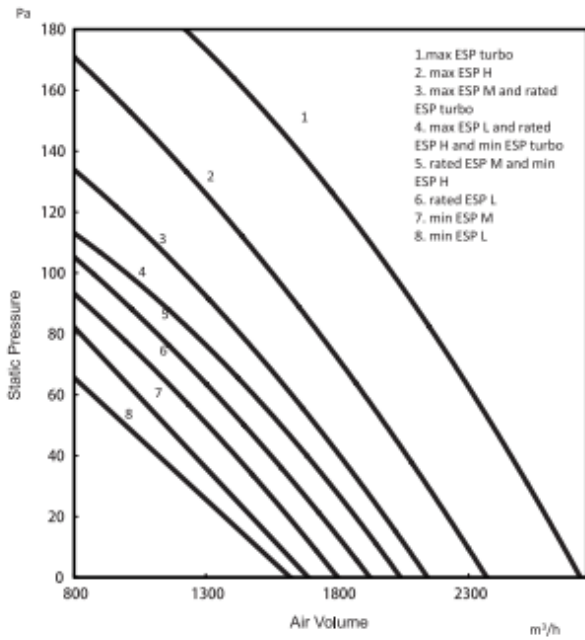


ASD-30BI

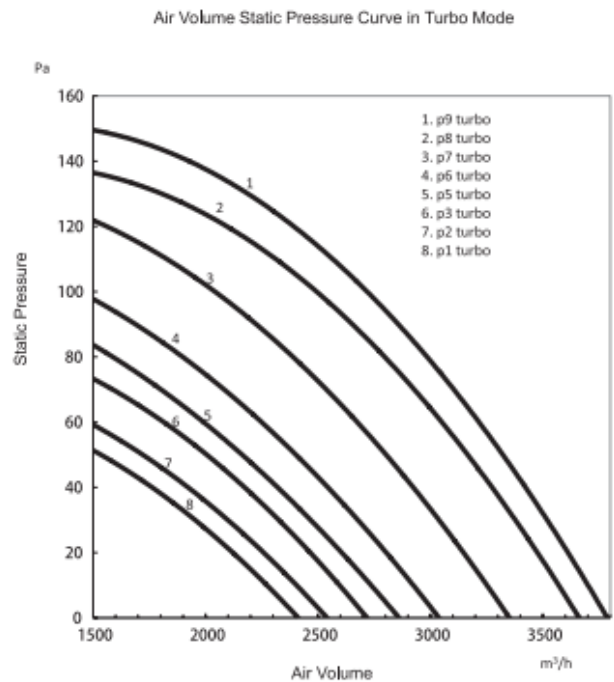
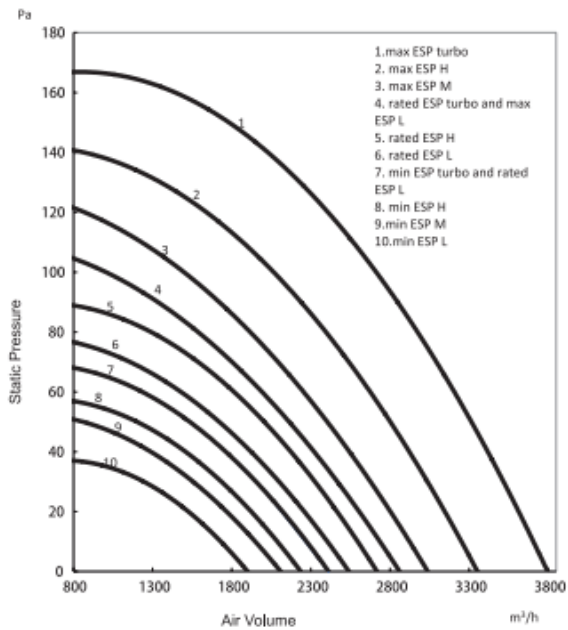


AIR VOLUME STATIC PRESSURE CURVE

ASD-36BI

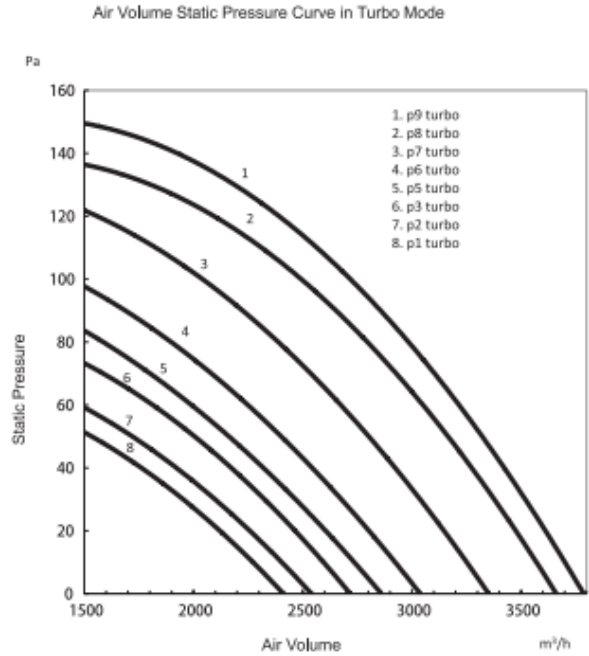
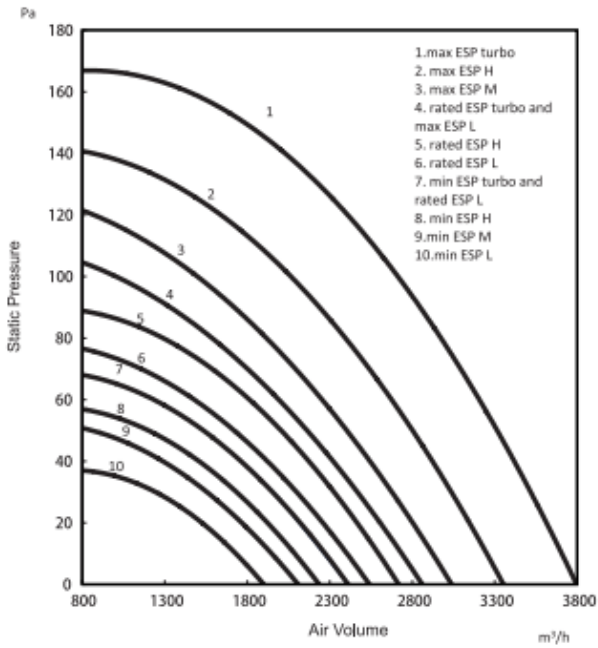


ASD-42BI



AIR VOLUME STATIC PRESSURE CURVE

ASD-48BI



ASD-60BI

