V-TAC

Meaningful Innovation.

CAPACITY TABLES

HEATING CAPACITY-PEAK / COOLING CAPACITY



ETER Series

MODEL:		Nominal Heating (Rated) (A7/6°,W30/35°)			Nominal Heating (Rated) (A7/6°,W47/55°)			Nominal Cooling (Rated) (A35/24°,W12/7°)		
	V/ Ph / H	HC	PI	COP	HC	PI	COP	HC	PI	EER
VT-M6KW-P1-DC/INV-290-S-B-SU	220~240/1/50	6,3	1,25	5,05	5,95	1,95	3,05	5,10	1,79	2,85
VT-M12KW-P3-DC/INV-290-S-B-SU	380~415/3/50	12,2	2,40	5,08	10,5	3,40	3,09	9,30	3,26	2,85
VT-M18KW-P3-DC/INV-290-S-B-SU	380~415/3/50	18,5	3,69	5,02	16,8	5,51	3,05	15,80	6,08	2,60

Heating Capacity Peak Values

MODEL:		VT-M6KW-P1-DC/INV-290-S-B-SU		VT-M12KW-P3-DC/INV-290-S-B-SU		VT-M18KW-P3-DC/INV-290-S-B-SU	
DB	LWT	HC	COP	HC	COP	HC	COP
°C	°C	kW	w/w	kW	w/w	kW	w/w
25	Inlet:30°C Outlet:35°C	7,28	6,74	14,10	6,78	21,38	6,70
15		6,74	5,81	13,05	5,84	19,80	5,77
7		6,30	5,05	12,20	5,08	18,50	5,02
2		5,99	4,60	11,59	4,62	17,58	4,57
-7		5,09	3,77	9,85	3,79	14,94	3,75
-10		4,83	3,50	9,36	3,53	14,19	3,48
-15		4,35	3,15	8,42	3,17	12,77	3,14
-20		3,70	2,78	7,16	2,79	10,86	2,76
-25		3,14	2,41	6,09	2,43	9,23	2,40
25	Inlet:47°C Outlet:55°C	6,88	4,07	12,13	4,12	19,41	4,07
15		6,37	3,51	11,24	3,55	17,98	3,51
7		5,95	3,05	10,50	3,09	16,80	3,05
2		5,65	2,81	9,98	2,84	15,96	2,81
-7		4,80	2,30	8,48	2,33	13,57	2,30
-10		4,56	2,19	8,05	2,21	12,89	2,19
-15		4,11	2,05	7,25	2,08	11,60	2,05
-20		3,49	1,71	6,16	1,73	9,86	1,71
-25		2,97	1,60	5,24	1,62	8,38	1,60

LWT Leaving Water Temperature (°C)
DB Dry Bulb Temperature for Outdoor Ambient Temperature (°C)
HC Total Heating Capacity (kW)
CC Total Cooling Capacity (kW)
PI Power Input (kW)

Cooling Capacity

MODEL:		VT-M6KW-P1-DC/INV-290-S-B-SU		VT-M12KW-P3-DC/INV-290-S-B-SU		VT-M18KW-P3-DC/INV-290-S-B-SU	
DB	LWT	CC	EER	CC	EER	CC	EER
°C	°C	kW	w/w	kW	w/w	kW	w/w
45	Inlet:12°C Outlet:7°C	3,68	2,16	6,71	2,16	11,40	1,97
40		4,49	2,51	8,18	2,51	13,90	2,29
35		5,1	2,85	9,30	2,85	15,80	2,60
30		5,46	3,11	9,95	3,11	16,91	2,83
25		5,84	3,39	10,65	3,39	18,09	3,09
20		6,25	3,69	11,39	3,69	19,36	3,37
16		6,69	4,02	12,19	4,02	20,71	3,67

45	Inlet:23°C Outlet:18°C	4,45	3,12	7,92	3,07	12,98	2,92
40		5,43	3,63	9,66	3,57	15,82	3,40
35		5,9	4,12	10,50	4,06	17,20	3,86
30		6,31	4,49	11,24	4,43	18,40	4,21
25		6,75	4,89	12,02	4,82	19,69	4,59
20		7,23	5,34	12,86	5,26	21,07	5,00
16		7,73	5,82	13,76	5,73	22,55	5,45

LWT Leaving Water Temperature (°C)
DB Dry Bulb Temperature for Outdoor Ambient Temperature (°C)
HC Total Heating Capacity (kW)
CC Total Cooling Capacity (kW)
PI Power Input (kW)

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