BVE DC-PF-E

TECHNICAL DATA

MODEL		T 14	T 17	T 21	T 24	T 33
STD version						
CAPACITY (1)	kW	**8,8**	**10,5**	**12,6**	**13,7**	**20,6**
Air flow	m³/h	4900	4900	4900	6400	8000
Fans engaged power	kW	0,42	0,45	0,52	0,64	1,30
HEAT EXCHANGER						
Water flow	m³/h	1,6	1,9	2,3	2,4	3,7
Pressure drops	kPa	26	24	15	15	26
LNO 85 version						
CAPACITY (1)	kW	**7,8**	**9,2**	**11,0**	**12,1**	**18,0**
Air flow	m³/h	4165	4165	4165	5440	6800
Fans engaged power	kW	0,28	0,30	0,34	0,42	0,83
HEAT EXCHANGER						
Water flow	m³/h	1,4	1,7	2,0	2,2	3,2
Pressure drops	kPa	21	19	11	12	21
LNO 70 version						
CAPACITY (1)	kW	**6,8**	**8,0**	**9,3**	**10,3**	**15,4**
Air flow	m³/h	3430	3430	3430	4480	5600
Fans engaged power	kW	0,17	0,19	0,21	0,26	0,50
HEAT EXCHANGER						
Water flow	m³/h	1,2	1,4	1,7	1,9	2,8
Pressure drops	kPa	17	15	9	9	16
COMMON DATA						
POWER SUPPLY	V/ph/Hz	380-480/3/50-60	380-480/3/50-60	380-480/3/50-60	380-480/3/50-60	380-480/3/50-60
PLUG FAN	n.	1	1	1	1	1
Max absorbed current (FLA)	A	1,6	1,6	1,6	4,3	4,3
External static pressure	Pa	50	50	50	50	50
Max external static pressure	Pa	350	332	290	748	474
HEAT EXCHANGER						
Water content	l	3,9	5,2	7,8	7,4	11,1
DIMENSIONS						
Length	mm	890	890	890	1190	1190
Width	mm	880	880	880	880	880
Height	mm	900	900	900	900	900
NET WEIGHT	kg	149	154	165	209	224
HYDRAULIC CONNECTIONS						
Inlet / Outlet ISO 7/1 - R	Ø	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"

1. Referred to glycol solution inlet temperature 45°C (20% ethylene glycol); ambient temperature 35°C.

BVE DC-PF-E

TECHNICAL DATA

MODEL		T 38	T 44	T 58	T 69	T 86
STD version						
CAPACITY (1)	kW	**24,3**	**28,0**	**31,8**	**41,9**	**50,0**
Air flow	m³/h	10000	10000	16000	16000	24000
Fans engaged power	kW	1,14	1,24	2,18	2,39	3,34
HEAT EXCHANGER						
Water flow	m³/h	4,3	5,0	5,7	7,5	9,0
Pressure drops	kPa	30	29	8	18	18
LNO 85 version						
CAPACITY (1)	kW	**21,4**	**24,5**	**28,0**	**36,7**	**44,3**
Air flow	m³/h	8500	8500	13600	13600	20400
Fans engaged power	kW	0,74	0,80	1,40	1,51	2,15
HEAT EXCHANGER						
Water flow	m³/h	3,8	4,4	5,0	6,6	7,9
Pressure drops	kPa	24	23	6	14	14
LNO 70 version						
CAPACITY (1)	kW	**18,3**	**20,6**	**23,8**	**31,1**	**38,1**
Air flow	m³/h	7000	7000	11200	11200	16800
Fans engaged power	kW	0,49	0,48	0,84	0,92	1,29
HEAT EXCHANGER						
Water flow	m³/h	3,3	3,7	4,3	5,6	6,8
Pressure drops	kPa	18	17	5	11	11
COMMON DATA						
POWER SUPPLY	V/ph/Hz	380-480/3/50-60	380-480/3/50-60	380-480/3/50-60	380-480/3/50-60	380-480/3/50-60
PLUG FAN	n.	1	1	2	2	3
Max absorbed current (FLA)	A	3,6	3,6	8,6	8,6	12,9
External static pressure	Pa	50	50	50	50	50
Max external static pressure	Pa	298	268	552	512	542
HEAT EXCHANGER						
Water content	l	12,7	19,1	17,5	26,2	24,5
DIMENSIONS						
Length	mm	1390	1390	1840	1840	2290
Width	mm	880	880	880	880	880
Height	mm	1300	1300	1300	1300	1300
NET WEIGHT	kg	287	314	391	427	520
HYDRAULIC CONNECTIONS						
Inlet / Outlet ISO 7/1 - R	Ø	1 1/2"	1 1/2"	2"	2"	2"

1. Referred to glycol solution inlet temperature 45°C (20% ethylene glycol); ambient temperature 35°C.

BVE DC-PF-E

TECHNICAL DATA

MODEL		T108	T114	T144
STD version				
CAPACITY (1)	kW	**60,3**	**68,8**	**89,0**
Air flow	m³/h	32000	28000	36000
Fans engaged power	kW	4,74	5,63	7,40
HEAT EXCHANGER				
Water flow	m³/h	10,8	12,3	15,9
Pressure drops	kPa	10	15	31
LNO 85 version				
CAPACITY (1)	kW	**53,3**	**60,4**	**78,3**
Air flow	m³/h	27200	23800	30600
Fans engaged power	kW	3,04	3,57	4,69
HEAT EXCHANGER				
Water flow	m³/h	9,5	10,8	14,0
Pressure drops	kPa	8	12	24
LNO 70 version				
CAPACITY (1)	kW	**45,8**	**51,4**	**67,0**
Air flow	m³/h	22400	19600	25200
Fans engaged power	kW	1,82	2,10	2,76
HEAT EXCHANGER				
Water flow	m³/h	8,2	9,2	12,0
Pressure drops	kPa	6	9	19
COMMON DATA				
POWER SUPPLY	V/ph/Hz	380-480/3/50-60	380-480/3/50-60	380-480/3/50-60
PLUG FAN	n.	4	3	4
Max absorbed current (FLA)	A	17,2	12,9	17,2
External static pressure	Pa	50	50	50
Max external static pressure	Pa	515	204	237
HEAT EXCHANGER				
Water content	l	28,0	36,7	41,9
DIMENSIONS				
Length	mm	1840	2290	1840
Width	mm	880	880	880
Height	mm	1800	1300	1800
NET WEIGHT	kg	631	565	682
HYDRAULIC CONNECTIONS				
Inlet / Outlet ISO 7/1 - R	Ø	2”	2”	2”

1. Referred to glycol solution inlet temperature 45°C (20% ethylene glycol); ambient temperature 35°C.