

PERFORMANCES [1]

Cooling capacity	[kW]	14,04	20,03	25,60	35,98	39,49	46,34	52,52	65,98	72,43
Compressors power input	[kW]	3,48	5,23	7,03	8,54	10,05	10,34	12,71	17,22	16,05
Total power input	[kW]	3,86	5,61	7,65	10,08	11,59	11,88	14,25	18,76	17,29
Total absorbed current	[A]	6,90	9,96	14,18	17,10	19,63	20,28	24,53	31,39	28,37
Energy efficiency (pump excluded)	EER/COP	3,64	3,57	3,35	3,57	3,41	3,90	3,69	3,52	4,19
Seasonal energy performance ratio [*]	SEPR	4,38	4,38	4,37	4,48	4,38	4,48	4,43	4,97	4,98
Water flow	[l/h]	2.415	3.445	4.403	6.188	6.793	7.970	9.033	11.348	12.458
Evaporator pressure drop	[kPa]	49	67	62	80	62	84	75	84	55

ELECTRICAL DATA [2] [3]

Maximum power input (total)	[kW]	5,33	7,12	9,65	12,95	14,37	15,87	18,15	23,72	24,06
Maximum absorbed current (total)	[A]	8,55	13,41	16,67	21,34	23,70	26,17	30,15	38,70	38,38
Starting current	[A]	53,80	90,80	99,40	126,40	141,40	148,40	175,40	214,40	143,44
Fan power	[kW]	0,19	0,19	0,31	0,77	0,77	0,77	0,77	0,77	0,62
Fan current	[A]	0,40	0,40	0,70	1,70	1,70	1,70	1,70	1,70	1,25
Number of fans	[#]	2	2	2	2	2	2	2	2	2
Power supply	[V/Ph/Hz]	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
IP protection degree	---	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54

TECHNICAL DATA

N° of compressors	[#]	1	1	1	1	1	1	1	1	2
N° of refrigerant circuits	[#]	1	1	1	1	1	1	1	1	1
Air flow	[m³/h]	5.100	4.800	7.000	14.000	17.300	17.300	15.900	14.800	19.500
Sound pressure level at 10 m in free field [4]	[dbA]	43,5	43,5	48,5	55,0	55,0	55,5	55,5	56,0	54,0
Water connections size	[inch]	1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2" VIC
Width	[mm]	685	685	685	925	925	925	925	925	1.380
Depth	[mm]	1.455	1.455	1.455	1.890	1.890	1.890	1.890	1.890	2.590
Height	[mm]	1.456	1.456	1.456	1.600	1.600	1.600	1.600	1.600	1.960
Weight	[kg]	250	270	295	380	380	400	420	445	650

OPTION

Tank capacity TANF	[dm³]	90	90	90	255	255	255	255	255	500
Pump power input P2	[kW]	0,68	1,00	1,00	1,05	1,05	1,05	1,34	1,34	2,01
Pump absorbed current P2	[A]	1,40	2,00	2,00	1,90	1,90	1,90	2,50	2,50	4,10
Pump power input P3	[kW]	1,05	1,34	1,34	2,01	2,01	2,01	2,55	2,55	2,55
Pump absorbed current P3	[A]	1,90	2,50	2,50	4,10	4,10	4,10	4,70	4,70	4,70
Pump power input P5	[kW]	0,91	1,77	1,77	2,55	2,55	2,55	2,55	2,55	3,44
Pump absorbed current P5	[A]	1,70	3,30	3,30	4,70	4,70	4,70	4,70	4,70	6,40

Архангельск (8182)63-90-72
 Астана (7172)727-132
 Астрахань (8512)99-46-04
 Барнаул (3852)73-04-60
 Белгород (4722)40-23-64
 Брянск (4832)59-03-52
 Владивосток (423)249-28-31
 Волгоград (844)278-03-48
 Вологда (8172)26-41-59
 Воронеж (473)204-51-73
 Екатеринбург (343)384-55-89
 Иваново (4932)77-34-06

Ижевск (3412)26-03-58
 Иркутск (395)279-98-46
 Казань (843)206-01-48
 Калининград (4012)72-03-81
 Калуга (4842)92-23-67
 Кемерово (3842)65-04-62
 Киров (8332)68-02-04
 Краснодар (861)203-40-90
 Красноярск (391)204-63-61
 Курск (4712)77-13-04
 Липецк (4742)52-20-81

Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
 Москва (495)268-04-70
 Мурманск (8152)59-64-93
 Набережные Челны (8552)20-53-41
 Нижний Новгород (831)429-08-12
 Новокузнецк (3843)20-46-81
 Новосибирск (383)227-86-73
 Омск (3812)21-46-40
 Орел (4862)44-53-42
 Оренбург (3532)37-68-04
 Пенза (8412)22-31-16

Россия (495)268-04-70

Пермь (342)205-81-47
 Ростов-на-Дону (863)308-18-15
 Рязань (4912)46-61-64
 Самара (846)206-03-16
 Санкт-Петербург (812)309-46-40
 Саратов (845)249-38-78
 Севастополь (8692)22-31-93
 Симферополь (3652)67-13-56
 Смоленск (4812)29-41-54
 Сочи (862)225-72-31
 Ставрополь (8652)20-65-13

Казахстан (772)734-952-31

Сургут (3462)77-98-35
 Тверь (4822)63-31-35
 Томск (3822)98-41-53
 Тула (4872)74-02-29
 Тюмень (3452)66-21-18
 Ульяновск (8422)24-23-59
 Уфа (347)229-48-12
 Хабаровск (4212)92-98-04
 Челябинск (351)202-03-61
 Череповец (8202)49-02-64
 Ярославль (4852)69-52-93

CWE085 CWE100 CWE110 CWE125 CWE140 CWE076 CWE086 CWE111 CWE126 CWE141

PERFORMANCES [1]

Cooling capacity	[kW]	78,31	92,14	106,22	123,92	134,85	70,07	82,60	111,76	142,17	136,32
Compressors power input	[kW]	18,65	20,72	23,89	27,98	33,21	15,49	21,09	27,23	37,06	33,71
Total power input	[kW]	19,89	21,96	25,77	29,86	35,09	16,73	22,33	29,11	38,94	35,59
Total absorbed current	[A]	32,85	36,31	43,51	49,72	57,58	27,99	36,09	47,38	56,51	58,73
Energy efficiency (pump excluded)	EER/COP	3,94	4,20	4,12	4,15	3,84	4,19	3,70	3,84	3,65	3,83
Seasonal energy performance ratio [*]	SEPR	4,77	4,89	4,99	4,89	5,14	4,61	4,7	4,92	4,79	5,04
Water flow	[l/h]	13.469	15.848	18.270	21.314	23.194	12.053	14.207	19.222	24.453	23.448
Evaporator pressure drop	[kPa]	64	49	64	43	50	52	70	70	55	51

ELECTRICAL DATA [2] [3]

Maximum power input (total)	[kW]	26,90	29,91	35,11	40,67	46,24	23,42	30,67	39,69	51,09	48,23
Maximum absorbed current (total)	[A]	43,10	48,04	56,91	65,46	74,01	37,80	48,69	63,88	72,94	78,83
Starting current	[A]	160,80	170,27	202,15	245,43	249,70	213,50	212,50	290,40	283,40	301,40
Fan power	[kW]	0,62	0,62	0,94	0,94	0,94	0,62	0,62	0,94	0,94	0,94
Fan current	[A]	1,25	1,25	1,70	1,70	1,70	1,25	1,25	1,70	1,70	1,70
Number of fans	[#]	2	2	2	2	2	2	2	2	2	2
Power supply	[V/Ph/Hz]	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
IP protection degree	---	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54

TECHNICAL DATA

N° of compressors	[#]	2	2	2	2	2	1	1	1	1	1
N° of refrigerant circuits	[#]	1	1	1	1	1	1	1	1	1	1
Air flow	[m³/h]	19.500	18.950	23.000	27.000	27.000	19.500	19.500	18.950	23.000	27.000
Sound pressure level at 10 m in free field [4]	[dB(A)]	54,0	55,0	59,5	60,0	60,0	53,0	51,5	59,0	59,0	59,5
Water connections size	[inch]	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC	2" VIC
Width	[mm]	1.380	1.380	1.380	1.380	1.380	1.380	1.380	1.380	1.380	1.380
Depth	[mm]	2.590	2.590	2.590	3.090	3.090	2.590	2.590	2.590	3.090	3.090
Height	[mm]	1.960	1.960	1.960	1.960	1.960	1.600	1.600	1.600	1.960	1.960
Weight	[kg]	670	700	730	820	850	650	670	730	820	850

OPTION

Tank capacity TANF	[dm³]	500	500	500	500	500	500	500	500	500	500
Pump power input P2	[kW]	2,01	2,01	2,01	2,55	2,55	2,01	2,01	2,01	2,55	2,55
Pump absorbed current P2	[A]	4,10	4,10	4,10	4,70	4,70	4,10	4,10	4,10	4,70	4,70
Pump power input P3	[kW]	2,55	2,55	2,55	6,09	6,09	2,55	2,55	2,55	6,09	6,09
Pump absorbed current P3	[A]	4,70	4,70	4,70	10,60	10,60	4,70	4,70	4,70	10,60	10,60
Pump power input P5	[kW]	3,44	4,52	4,52	10,12	10,12	3,44	3,44	4,52	10,12	10,12
Pump absorbed current P5	[A]	6,40	8,70	8,70	17,20	17,20	6,40	6,40	8,70	17,20	17,20

• [*] Data reported here are in accordance with European Regulation (EU) 2016/2281 for eco-design requirements of cooling products and high temperature process chillers.

• [1] Data referred to: water temp. in/out: 20/15°C - ambient air temp. 25°C

• [2] Data referred to unit without pump

• [3] Data related to most heavy condition allowed by safety devices

• [4] Referred at 10 m and at an height of 1,5 m in free field

REFERENCE CONDITIONS

- Ambient temperature: 25°C
- Ethylene glycol: 0%
- Inlet water temperature: 20°C

WORKING LIMITS

- Ambient temperature: -10°C / +45°C (min/max)
- Outlet water temperature: -10°C / +25°C (min/max)