

**FX HFO-Z 1502 - 7823**

Chiller, air source for outdoor installation,
from 235 to 1463 kW.



FX HFO-Z /A			1502	1702	1802	1922	2202	2602	2702	2722	3602
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
PERFORMANCE											
COOLING ONLY (GROSS VALUE)											
Cooling capacity	(1)	kW	238	270	293	340	377	415	483	533	632
Total power input	(1)	kW	74,0	85,0	92,0	104	118	132	153	168	199
EER	(1)	kW/kW	3,21	3,17	3,19	3,27	3,18	3,15	3,17	3,18	3,17
ESEER	(1)	kW/kW	4,31	4,27	4,34	4,25	4,27	4,36	4,30	4,34	4,31
COOLING ONLY (EN14511 VALUE)											
Cooling capacity	(1)(2)	kW	237	269	292	339	376	413	482	532	630
EER	(1)(2)	kW/kW	3,17	3,13	3,16	3,23	3,14	3,11	3,13	3,14	3,12
ESEER	(1)(2)	kW/kW	4,14	4,12	4,21	4,12	4,12	4,18	4,17	4,18	4,13
Cooling energy class			A	A	A	A	A	A	A	A	A
SEPR HT	(7)(8)		5,18	5,34	5,48	5,23	5,29	5,17	5,34	5,17	5,43
COOLING ONLY (16°C/10°C)											
Cooling capacity	(9)	kW	262	297	323	371	414	455	531	582	694
Total power input	(9)	kW	76,7	88,3	95,7	107	123	136	158	173	206
EER	(9)	kW/kW	3,42	3,36	3,37	3,46	3,37	3,34	3,36	3,36	3,37
COOLING ONLY (26°C/20°C)											
Cooling capacity	(10)	kW	350	392	426	456*	541	593	696	714*	907
Total power input	(10)	kW	84,8	98,6	107	116*	136	150	175	186*	225
EER	(10)	kW/kW	4,12	3,98	3,96	3,94*	3,98	3,96	3,98	3,84*	4,03
EXCHANGERS											
HEAT EXCHANGER USER SIDE IN REFRIGERATION											
Water flow	(1)	l/s	11,36	12,90	14,02	16,24	18,04	19,84	23,12	25,51	30,21
Pressure drop	(1)	kPa	33,0	31,4	20,7	27,8	34,3	41,5	29,7	36,2	44,6
REFRIGERANT CIRCUIT											
Compressors nr.		N°	2	2	2	2	2	2	2	2	2
No. Circuits		N°	2	2	2	2	2	2	2	2	2
Refrigerant charge		kg	66,0	66,0	68,0	71,0	71,0	74,0	76,0	76,0	121
NOISE LEVEL											
Sound Pressure	(3)	dB(A)	66	67	67	68	68	68	68	70	69
Sound power level in cooling	(4)(5)	dB(A)	98	99	99	100	100	100	100	102	102
SIZE AND WEIGHT											
Length	(6)	mm	4000	4000	4000	4000	4000	5250	5250	5250	6500
Width	(6)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260
Height	(6)	mm	2500	2500	2500	2500	2500	2500	2500	2500	2500
Operating weight	(6)	kg	3640	3665	3740	3980	4610	5060	5120	5120	6760

FX HFO-Z /A			4202	4802	4822	6002	6022	6603	7203	7223	7823
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
PERFORMANCE											
COOLING ONLY (GROSS VALUE)											
Cooling capacity	(1)	kW	727	840	900	984	1065	1152	1271	1384	1452
Total power input	(1)	kW	229	269	280	311	335	363	405	434	461
EER	(1)	kW/kW	3,17	3,13	3,22	3,16	3,18	3,17	3,14	3,19	3,15
ESEER	(1)	kW/kW	4,32	4,31	4,30	4,36	4,39	4,33	4,34	4,36	4,37
COOLING ONLY (EN14511 VALUE)											
Cooling capacity	(1)(2)	kW	724	838	897	981	1062	1149	1267	1379	1447
EER	(1)(2)	kW/kW	3,12	3,10	3,18	3,12	3,14	3,13	3,10	3,14	3,11
ESEER	(1)(2)	kW/kW	4,13	4,19	4,13	4,20	4,22	4,18	4,19	4,19	4,19
Cooling energy class			A	A	A	A	A	A	A	A	A
SEPR HT	(7)(8)		5,17	5,3	5,05	5,49	5,34	5,23	5,28	5,13	5,2
COOLING ONLY (16°C/10°C)											
Cooling capacity	(9)	kW	798	923	982	1081	1164	1265	1396	1509	1584
Total power input	(9)	kW	237	279	288	322	346	376	420	449	477
EER	(9)	kW/kW	3,37	3,31	3,41	3,36	3,37	3,37	3,33	3,36	3,32
COOLING ONLY (26°C/20°C)											
Cooling capacity	(10)	kW	1041	1204	1199*	1413	1428*	1651	1826	1841*	1933*
Total power input	(10)	kW	259	308	307*	355	373*	412	464	482*	514*
EER	(10)	kW/kW	4,02	3,91	3,91*	3,97	3,83*	4,01	3,93	3,82*	3,76*
EXCHANGERS											
HEAT EXCHANGER USER SIDE IN REFRIGERATION											
Water flow	(1)	l/s	34,77	40,19	43,05	47,05	50,95	55,11	60,78	66,17	69,44
Pressure drop	(1)	kPa	47,0	30,6	45,4	41,9	46,1	40,5	40,2	47,7	52,5
REFRIGERANT CIRCUIT											
Compressors nr.		N°	2	2	2	2	2	3	3	3	3
No. Circuits		N°	2	2	2	2	2	3	3	3	3
Refrigerant charge		kg	129	133	152	167	167	209	218	228	247
NOISE LEVEL											
Sound Pressure	(3)	dB(A)	70	71	71	73	73	73	73	73	73
Sound power level in cooling	(4)(5)	dB(A)	103	104	104	106	106	106	106	106	106
SIZE AND WEIGHT											
Length	(6)	mm	7750	7750	9000	10400	10400	11650	11650	12900	12900
Width	(6)	mm	2260	2260	2260	2260	2260	2260	2260	2260	2260
Height	(6)	mm	2500	2500	2500	2500	2500	2500	2500	2500	2500
Operating weight	(6)	kg	7535	7820	8145	9040	9044	11932	11950	12600	12750

Notes:

- 1 Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger air (in) 35°C.
- 2 Values in compliance with EN14511-3:2013.
- 3 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
- 4 Sound power on the basis of measurements made in compliance with ISO 9614.
- 5 Sound power level in cooling, outdoors.

- 6 Unit in standard configuration/execution, without optional accessories.
- 7 Seasonal energy efficiency of high temperature process cooling [REGULATION (EU) N. 2281/2016]
- 8 Seasonal Energy Efficiency of Process Cooling
- 9 Plant (side) cooling exchanger water (in/out) 16°C/10°C; Source (side) heat exchanger air (in) 35°C.
- 10 Plant (side) cooling exchanger water (in/out) 26°C/20°C; Source (side) heat exchanger air (in) 35°C. Units equipped with kit HT (Opt. 1955).

Certified data in EUROVENT

* Economizers are not active