



IT Cooling Solutions

CyberCool XT

Chillers for every application



Water-cooled, indoor installation

CEI



CyberCool XT CEI series

Standard equipment:

Speed-controlled pumps on user side

Options:

Kit for low water temperatures (water/glycol down to -8°C)

Source side up to +5°C

Speed-controlled pumps on source side

Serial interface to Modbus

Antivibration mounts

CHI



CyberCool XT CHI series

Options:

Serial interface to Modbus

Kit for low water temperatures (water/glycol down to -8°C)

Antivibration mounts

CFI



CyberCool XT CFI series

Standard equipment:

Electronic expansion valve

Sound class B

Options:

Sound class A

Antivibration mounts

Kit for low water temperatures (water/glycol down to -7°C)

Various hydraulic kits

Serial interface to Modbus or LonWorks

Master-slave operation

Model		61	71	81	101	131	171	201	221	261	301	351	
CEI XXX W													
Cooling capacity (1)	kW	6.0	6.4	7.9	10.5	13.4	16.7	20.2	22.1	25.8	30.5	35.0	
Total power consumption (1)	kW	1.5	1.7	2.0	2.4	3.2	3.8	4.8	5.0	5.9	6.6	7.6	
Total EER at 100% (1)		3.9	3.9	4.0	4.4	4.2	4.4	4.2	4.4	4.4	4.6	4.6	
Cooling capacity (2)	kW	6.2	6.7	8.2	10.9	13.9	17.4	21.2	22.8	26.8	31.7	36.4	
Total power consumption (2)	kW	1.7	1.8	2.2	2.7	3.6	4.2	5.3	5.7	6.6	7.4	8.4	
Total EER at 100% (2)		3.7	3.7	3.7	4.0	3.9	4.1	4.0	4.0	4.1	4.3	4.3	
Type of compressor		Scroll											
Refrigerant		R410A											
No. of compressors		1											
No. of refrigerant circuits		1											
Sound pressure level (3)	dB(A)	39	39	40	40	41	42	45	46	47	48	49	
Power supply	V/Ph/Hz	230/1/50						400/3/50					
Length	mm	402	402	402	402	402	573	573	573	573	573	573	
Width	mm	602	602	602	602	602	604	604	604	604	604	604	
Height	mm	785	785	785	785	785	858	858	858	858	858	858	
Weight in operation	kg	78	80	83	87	95	111	126	144	159	161	166	
(1): Cold water = 12°C/7°C; water temperature at external exchanger outlet = 35°C		(2): Cold water = 15°C/10°C; water temperature at external exchanger outlet = 40°C				(3): Sound level at 2m clear distance							

Model		271	362	402	472	562	622	682	892	1052	1202	1402	
CHI XXXX W													
Cooling capacity (1)	kW	27.1	36.5	40.3	47.5	55.9	61.8	68.4	89.4	104.0	119.0	144.0	
Total power consumption (1)	kW	7.0	8.9	10.7	12.9	14.4	16.3	17.9	20.1	25.2	28.8	36.0	
Total EER at 100% (1)		3.9	4.1	3.8	3.7	3.9	3.8	3.8	4.4	4.1	4.1	4.0	
Cooling capacity (2)	kW	28.6	38.6	42.4	49.4	59.0	65.1	72.0	94.5	110.8	127.2	153.6	
Total power consumption (2)	kW	7.8	10.0	12.2	14.5	16.1	18.4	20.1	23.5	28.1	32.1	40.3	
Total EER at 100% (2)		3.7	3.9	3.5	3.4	3.7	3.5	3.6	4.0	3.9	4.0	3.8	
Type of compressor		Scroll											
Refrigerant		R407C											
No. of compressors		2											
No. of refrigerant circuits		2											
Sound pressure level (3)	dB(A)	49	49	58	58	59	60	61	62	62	62	62	
Power supply	V/Ph/Hz	400/3/50											
Length	mm	802	802	802	802	802	802	802	1,062	1,062	1,062	1,062	
Width	mm	602	602	602	602	602	602	602	580	580	580	580	
Height	mm	790	790	915	915	915	915	915	1,538	1,538	1,538	1,538	
Weight in operation	kg	177	197	245	247	257	263	268	447	487	517	577	
(1): Cold water = 12°C/7°C; water temperature at external exchanger outlet = 35°C		(2): Cold water = 15°C/10°C; water temperature at external exchanger outlet = 40°C				(3): Sound level at 2m clear distance							

Model		2002	2102	2252	2352	2502	2852	3102	3352	3502	3702	4052	4452	5002	5602		
CFI XXXX W																	
Cooling capacity (1)	kW	195.0	207.0	223.0	234.0	251.0	286.0	312.0	334.0	353.0	371.0	406.0	440.0	497.0	560.0		
Total power consumption (1)	kW	41.5	44.5	47.6	50.3	53.7	59.8	65.4	70.5	75.7	79.6	86.6	94.2	106.0	120.0		
Total EER at 100% (1)		4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.7	4.7	4.7	4.7	4.7	4.7	4.7		
Cooling capacity (2)	kW	200.0	210.0	238.0	249.0	256.0	291.0	318.0	356.0	376.0	395.0	432.0	476.0	534.0	592.0		
Total power consumption (2)	kW	46.2	49.7	52.9	56.0	59.1	66.2	72.4	78.8	84.6	89.1	96.9	105.0	119.0	133.0		
Total EER at 100% (2)		4.3	4.2	4.5	4.4	4.3	4.4	4.4	4.5	4.4	4.4	4.5	4.5	4.5	4.5		
Compressor type		Scroll															
Refrigerant		R410A															
Number of compressors		4						5						6			
Number of refrigerant circuits		2															
Sound pressure level (3)	dB(A)	69	70	70	70	70	70	72	72	72	72	72	72	73	73		
Sound pressure level (4)	dB(A)	60	60	61	61	62	62	63	64	64	64	64	64	64	65		
Power supply	V/Ph/Hz	400/3/50															
Length	mm	2,510	2,510	2,510	2,510	2,510	2,510	2,510	2,510	2,510	2,510	2,976	2,976	2,976	2,976		
Width	mm	850	850	850	850	850	850	850	850	850	850	850	850	850	850		
Height	mm	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890		
Weight in operation, class A	kg	1,238	1,320	1,360	1,397	1,489	1,490	1,604	1,694	1,723	1,731	2,012	2,272	2,409	2,406		
Weight in operation, class B	kg	1,337	1,392	1,433	1,463	1,589	1,589	1,709	1,793	1,823	1,830	2,128	2,419	2,528	2,552		
(1): Cold water = 12°C/7°C; water temperature at external exchanger outlet = 35°C		(2): Cold water = 15°C/10°C; water temperature at external exchanger outlet = 40°C				(3): Sound level at 2 m clear distance (sound class B)				(4): Sound level at 2 m clear distance (sound class A)							