

Centrifugal Chillers

Specifications: HC-F 200GX - 500GX

(Chilled Water: Inlet: 12.2°C, Outlet: 6.7°C / Cooling Water: Inlet: 29.4°C, Outlet: 35°C)

Model Type		HC-F	200GX	250GX	300GX	400GX	500GX
Cooling Capacity		USRT	208	260	312	416	520
		kW	731	917	1097	1463	1828
Chilled Water	Temperature	°C	Inlet: 12.2°C, Outlet: 6.7°C				
	Flow rate	m ³ /h	113.3	141.7	170	226.7	283.3
	Pressure drop	kPa (mAq)	73(7.4)	49(5.0)	52(5.3)	87(8.8)	49(5.0)
	Connection pipe nominal size	mm	125	150	150	200	200
	Number of pass	-	3	2	2	3	2
Cooling Water	Temperature	°C	Inlet: 29.4°C, Outlet: 35°C				
	Flow rate	m ³ /h	137	172	205	275	343
	Pressure drop	kPa (mAq)	53(5.4)	51(5.2)	70(7.2)	49(5.0)	59(6.0)
	Connection pipe nominal size	mm	125	150	200	200	250
	Number of pass	-	2	2	2	2	2
Motor Output		kW	110	135	160	210	260
External Dimensions	Length (A)	mm	4100	3900	3900	4200	4000
	Width (B)	mm	1900	1900	1900	2200	2200
	Height (C)	mm	2050	2050	2050	2400	2400
	Tube replacement	mm	3500	3500	3500	3500	3500
Operating Mass (weight)		t	7.7	7.7	7.7	13.6	13.6
Rigging Mass (weight)		t	6.5	6.5	6.5	11.7	11.7
Cold Insulation Area		m ²	27	27	27	33	33

Centrifugal Chillers

Specification: HC-F 630GX -1250GX

(Chilled Water: Inlet: 12.2°C, Outlet: 6.7°C / Cooling Water: Inlet: 29.4°C, Outlet: 35°C)

Model Type		HC-F	630GX	800GX	1000GX	1250GX
Cooling Capacity		USRT	655	832	1040	1300
		kW	2,304	2,926	3,657	4,571
Chilled Water	Temperature	°C	Inlet: 12.2°C, Outlet: 6.7°C			
	Flow rate	m ³ /h	357	453.3	566.7	708.3
	Pressure drop	kPa (mAq)	49(5.0)	53(5.4)	49(5.0)	54(5.5)
	Connection pipe nominal size	mm	250	250	300	300
	Number of pass	-	2	2	2	2
Cooling Water	Temperature	°C	Inlet: 29.4°C, Outlet: 35°C			
	Flow rate	m ³ /h	432	548	679	848
	Pressure drop	kPa (mAq)	49(5.0)	66(6.7)	49(5.0)	66(6.7)
	Connection pipe nominal size	mm	250	300	300	350
	Number of pass	-	2	2	2	2
Motor Output		kW	310	395	505	630
External Dimensions	Length (A)	mm	4800	4800	5200	5200
	Width (B)	mm	2650	2650	3350	3350
	Height (C)	mm	2650	2650	3350	3350
	Tube replacement	mm	4000	4000	4000	4000
Operating Mass (weight)		t	19	19	30.8	30.8
Rigging Mass (weight)		t	15.8	15.8	25.6	25.6
Cold Insulation Area		m ²	45	45	52	52

Centrifugal Chiller

Specifications: HC-F 200E - 500E

(Chilled Water: Inlet: 12.2°C, Outlet: 6.7°C / Cooling Water: Inlet: 29.4°C, Outlet: 35°C)

Model Type		HC-F	200E	250E	300E	400E	500E
Cooling Capacity		USRT	208	260	312	416	520
		kW	731	914	1097	1463	1828
Chilled Water	Temperature	°C	Inlet: 12.2°C, Outlet: 6.7°C				
	Flow rate	m ³ /h	113.3	141.7	170.0	226.7	283.3
	Pressure drop	kPa (mAq)	54(5.5)	54(5.5)	54(5.5)	92(9.4)	92(9.4)
	Connection pipe nominal size	mm	125	150	150	200	200
	Number of pass	-	2	2	2	2	2
Cooling Water	Temperature	°C	Inlet: 29.4°C, Outlet: 35°C				
	Flow rate	m ³ /h	139	175	209	279	348
	Pressure drop	kPa (mAq)	50(5.1)	50(5.1)	50(5.1)	90(9.2)	90(9.2)
	Connection pipe nominal size	mm	125	150	150	200	250
	Number of pass	-	2	2	2	2	2
Motor Output		kW	121	147	175	224	280
External Dimension	Length (A)	mm	3450	3450	3450	4000	4000
	Width (B)	mm	1600	1600	1600	2050	2050
	Height (C)	mm	1900	1900	1900	2250	2250
	Tube replacement	mm	3000	3000	3000	3500	3500
Operating Mass (weight)		t	6.3	6.6	6.8	10.2	10.6
Rigging Mass (weight)		t	5.7	5.9	6.0	8.8	9.1
Cold Insulation Area		m ²	24	24	24	30	30

Centrifugal Chiller

Specifications: HC-F 630E -1250E

(Chilled Water: Inlet: 12.2°C, Outlet: 6.7°C / Cooling Water: Inlet: 29.4°C, Outlet: 35°C)

Model Type		HC-F	630E	800E	1000E	1250E
Cooling Capacity		USRT	655	832	1040	1300
		kW	2304	2926	3657	4571
Chilled Water	Temperature	°C	Inlet: 12.2°C, Outlet: 6.7°C			
	Flow rate	m ³ /h	357.0	453.3	566.7	708.3
	Pressure drop	kPa (mAq)	100(10.2)	100(10.2)	100(10.2)	100(10.2)
	Connection pipe nominal size	A	250	250	300	300
	Number of pass	-	2	2	2	2
Cooling Water	Temperature	°C	Inlet: 29.4°C, Outlet: 35°C			
	Flow rate	m ³ /h	439	558	684	856
	Pressure drop	kPa (mAq)	106(10.8)	104(10.6)	103(10.5)	103(10.5)
	Connection pipe nominal size	A	250	300	300	350
	Number of pass	-	2	2	2	2
Motor Output		kW	345	435	555	685
External Dimension	Length (A)	mm	4500	4500	5200	5200
	Width (B)	mm	2400	2400	3150	3150
	Height (C)	mm	2500	2500	3300	3300
	Tube replacement	mm	4000	4000	4000	4000
Operating Mass (weight)		t	16.4	16.9	29.4	30.8
Rigging Mass (weight)		t	14.0	14.5	23.6	24.4
Cold Insulation Area		m ²	39	39	49	49