

DISCO Corporation Products That Use CFCs

as of 31 March, 2023

Product category	Model/Type	CFC type	GWP	Filling volume	Compressor output (kW)
Water temperature control unit	DTU152	R407C	1,770	4,600	2.13
	DTU1550	R407C	1,770	1,000/600	1.5/0.75
	DTU1550 (user-specified specification)	R449C	1,251	1,115/835	1.5/0.75
	DTU162 (water cooling)	R407C	1,770	650	0.5
	DTU162 (air cooling)	R407C	1,770	500	0.5
Deionized water recycling unit for dicing saw	DWR1722	R407C	1,770	600	0.5
Low-temperature control unit for low-temperature DWR	PAP*	R410A	2,090	520	0.85
Spindle cooling water supply unit	SCSA-03	R407C	1,770	640	0.3
	SCSA-05	R407C	1,770	620	0.5
Refrigeration air dryer	IDF8E-10-X399	R134a	1,430	250	0.1
Chiller unit for laser saw	RKS-600S-VA-200-1	R134a	1,430	275	0.75
	RKS-600S-VA-200-2	R134a	1,430	275	0.75
	HRR012-W*-20-*	R410A	2,090	250	1.1
	HRR018-W*-20-*	R410A	2,090	250	1.1
	HRR024-W*-20-*	R410A	2,090	400	1.2
	HRR030-W*-20-*	R410A	2,090	400	1.2
	HRR050-W*-20-*	R410A	2,090	590	2.2
	HRS012-A*-20-*	R407C	1,770	350	1.0-1.3
	HRS012-W*-20-*	R407C	1,770	300	1.0-1.3
	HRS018-A*-20-*	R407C	1,770	360	1.0-1.4
	HRS018-W*-20-*	R407C	1,770	310	1.0-1.4
	HRS024-A*-20-*	R407C	1,770	360	1.2-1.5
	HRS030-A*-20-*	R407C	1,770	570	1.2-1.5
	HRS030-W*-20-*	R407C	1,770	500	1.2-1.5
Chiller unit for die separator (DDS2300/DDS2310)	APX-8A-DCE	R404A	3,920	410	0.75
	APX-8A-DCE-SP	R448A	1,386	410	0.75
Other (commercial chiller unit)	W300	R407C	1,770	500	0.5
	W750	R407C	1,770	600	0.75
	W1500	R407C	1,770	800	1.5

Equipment that have reached end of life

Product category	Model/Type	CFC type	GWP	Filling volume	Compressor output (kW)
Water temperature control unit	DTU150	R22	1,810	2,600/850	0.75/0.3
		R407C	1,770	2,800/1,000	0.7/0.3
	DTU151	R22	1,810	2,600/850	0.75/0.3
		R407C	1,770	2,800/1,000	0.7/0.3
	DTU1530	R407C	1,770	1,150/420	0.7/0.3
	DTU1531	R407C	1,770	900/600	1.5/0.5
	DTU160	R22	1,810	210/200	0.6/0.3
		R407C	1,770	2,800/1,000	0.7/0.3
	DTU170	R407C	1,770	2,800/1,000	0.7/0.3
	DTU1540	R410A	2,090	1,200	1.5
	DWT-13R	R22	1,810	2,500	0.75
	DWT-13R2	R22	1,810	650	1.75
		R407C	1,770	650	1.75
	DWT-19DI	R22	1,810	3,800	1.5
DWT-19E	R22	1,810	2,500	1.5	
Deionized water recycling unit for dicing saw	DWR1720	R407C	1,770	630	0.5
	DWR1721	R407C	1,770	600	0.5
Chiller unit for laser saw	AKZW148-C-A236*	R410A	2,090	490	0.4
Vacuum coolant unit (with chiller)	DVC011C	R22	1,810	310	0.6
		R407C	1,770	310	0.6
	DVC010C	R22	1,810	310	0.6
		R407C	1,770	310	0.6

The refrigeration method for the CFC types that have been separated into two (upper and lower cells), will vary depending on the period in which they are sold.

If the refrigeration method is not indicated on the unit in use, please confirm when it was purchased and then contact us.

*If two refrigerators for cutting water and cooling water are installed, values for each are indicated separately using a slash.