

■ EHVC SERIES TEMPERATURE/HUMIDITY-VIBRATION TEST SYSTEM (RAPID TEMPERATURE CHANGE RATE)

Model	EHVC-0360BWFY (53H10/7.5)	EHVC-1050BWFY (53H04/7.5)
Workspace Dimensions	710W×710H×710D mm	1118W×914H×1016D mm
Temperature Range	-73°C to +180°C	-73°C to +180°C
Transition Rate	10 °C/min(Aluminum @10 kg) (+125 to -10 °CAverage)	3.5 °C/min(Aluminum 60 kg) 4.4 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)
Humidity Rate	—	—
Water-cooled Refrigerator w/two stages	7.5 HP	7.5 HP
Cooling water	34.2 L/min(@24°C) 60.8 L/min(@29°C)	34.1 L/min(@24°C) 68.2 L/min(@29°C)
Input Power	3 φ AC 200V 104A 3 φ AC 415V 50A	3 φ AC 200V 118A 3 φ AC 415V 57A

Model	EHVC-1050DWFY (53H03/7.5) -HU	EHVC-1050BWFY (53H10/15)
Workspace Dimensions	1118W×914H×1016D mm	1118W×914H×1016D mm
Temperature Range	-73°C to +180°C	-73°C to +180°C
Transition Rate	3.1 °C/min(Aluminum 60 kg) 3.5 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)	8.2 °C/min(Aluminum 60 kg) 9.9 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)
Humidity Rate	20 to 95 %RH	—
Water-cooled Refrigerator w/two stages	7.5 HP	15 HP
Cooling water	34.1 L/min(@24°C) 68.2 L/min(@29°C)	68.2 L/min(@24°C) 132.7 L/min(@29°C)
Input Power	3 φ AC 200V 124A 3 φ AC 415V 60A	3 φ AC 200V 178A 3 φ AC 415V 86A

Model	EHVC-1050DWFY (53H09/15) -HU	EHVC-1050BWFY (53H16/30)
Workspace Dimensions	1118W×1118H×1016D mm	1118W×914H×1016D mm
Temperature Range	-73°C to +180°C	-73°C to +180°C
Transition Rate	7.5 °C/min(Aluminum 60 kg) 8.8 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)	15.5 °C/min(Aluminum 60 kg) 16.8 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)
Humidity Rate	20 to 95 %RH	—
Water-cooled Refrigerator w/two stages	15 HP	30 HP
Cooling water	68.2 L/min(@24°C) 132.7 L/min(@29°C)	136.4 L/min(@24°C) 265.3 L/min(@29°C)
Input Power	3 φ AC 200V 186A 3 φ AC 415V 90A	3 φ AC 200V 333A 3 φ AC 415V 160A

Model	EHVC-1050DWFY (53H15/30) -HU	EHVC-1370BWFY (53H04/7.5)
Workspace Dimensions	1168W×1092H×1067D mm	1143W×1118H×1016D mm
Temperature Range	-73°C to +180°C	-73°C to +180°C
Transition Rate	14.6 °C/min(Aluminum 60 kg) 15.3 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)	3.4 °C/min(Aluminum 60 kg) 4.3 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)
Humidity Rate	20 to 95 %RH	—
Water-cooled Refrigerator w/two stages	30 HP	7.5 HP
Cooling water	136.4 L/min(@24°C) 265.3 L/min(@29°C)	34.1 L/min(@24°C) 68.2 L/min(@29°C)
Input Power	3 φ AC 200V 341A 3 φ AC 415V 164A	3 φ AC 200V 118A 3 φ AC 415V 57A

Model	EHVC-1370DFWY (53H03/7.5) -HU	EHVC-1900BWFY (53H09/15)
Workspace Dimensions	1143W×1118H×1016D mm	1372W×1016H×1372D mm
Temperature Range	-73°C to +180°C	-73°C to +180°C
Transition Rate	2.9 °C/min(Aluminum 60 kg) 3.2 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)	7.5 °C/min(Aluminum 60 kg) 9.0 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)
Humidity Rate	20 to 95 %RH	—
Water-cooled Refrigerator w/two stages	7.5 HP	15 HP
Cooling water	34.1 L/min(@24°C) 68.2 L/min(@29°C)	68.2 L/min(@24°C) 132.7 L/min(@29°C)
Input Power	3 φ AC 200V 124A 3 φ AC 415V 60A	3 φ AC 200V 178A 3 φ AC 415V 86A

Model	EHVC-1900DFWY (53H08/15) -HU	EHVC-1900BWFY (53H16/30)
Workspace Dimensions	1372W×1016H×1372D mm	1372W×1016H×1372D mm
Temperature Range	-73°C to +180°C	-73°C to +180°C
Transition Rate	6.5 °C/min(Aluminum 60 kg) 7.6 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)	13.2 °C/min(Aluminum 60 kg) 16.6 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)
Humidity Rate	20 to 95 %RH	—
Water-cooled Refrigerator w/two stages	15 HP	30 HP
Cooling water	68.2 L/min(@24°C) 132.7 L/min(@29°C)	136.4 L/min(@24°C) 265.3 L/min(@29°C)
Input Power	3 φ AC 200V 186A 3 φ AC 415V 90A	3 φ AC 200V 333A 3 φ AC 415V 160A

Model	EHVC-1900DFWY (53H14/30) -HU	EHVC-2300BWFY (53H16/30)
Workspace Dimensions	1372W×1118H×1372D mm	1372W×1219H×1372D mm
Temperature Range	-73°C to +180°C	-73°C to +180°C
Transition Rate	13 °C/min(Aluminum 60 kg) 14.3 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)	13 °C/min(Aluminum 60 kg) 16.3 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)
Humidity Rate	20 to 95 %RH	—
Water-cooled Refrigerator w/two stages	30 HP	30 HP
Cooling water	136.4 L/min(@24°C) 265.3 L/min(@29°C)	136.4 L/min(@24°C) 265.3 L/min(@29°C)
Input Power	3 φ AC 200V 341A 3 φ AC 415V 164A	3 φ AC 200V 333A 3 φ AC 415V 160A

Model	EHVC-2300DFWY (53H14/30) -HU	EHVC-3050BWFY (53H13/30)
Workspace Dimensions	1372W×1219H×1372D mm	1829W×1219H×1372D mm
Temperature Range	-73°C to +180°C	-73°C to +180°C
Transition Rate	12.7 °C/min(Aluminum 60 kg) 14.0 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)	10.5 °C/min(Aluminum 60 kg) 13.2 °C/min(Aluminum 90 kg) (+125 to -54°CAverage)
Humidity Rate	20 to 95 %RH	—
Water-cooled Refrigerator w/two stages	30 HP	30 HP
Cooling water	136.4 L/min(@24°C) 265.3 L/min(@29°C)	136.4 L/min(@24°C) 265.3 L/min(@29°C)
Input Power	3 φ AC 200V 341A 3 φ AC 415V 164A	3 φ AC 200V 333A 3 φ AC 415V 160A

Model	EHVC-3050DFY (53H12/30) -HU
Workspace Dimensions	1828W×1219H×1372D mm
Temperature Range	-73°C to +180°C
Transition Rate	10.0 °C/min(Aluminum 60 kg) 12.3 °C/min(Aluminum 90 kg) (+125 to -54°C Average)
Humidity Rate	20 to 95 %RH
Water-cooled Refrigerator w/two stages	30 HP
Cooling water	136.4 L/min(@24°C) 265.3 L/min(@29°C)
Input Power	3 φ AC 200V 341A 3 φ AC 415V 164A