

## Technical Data (DLH-35)

Model	DLH-35-1P	DLH-35-1P5	DLH-35-4P	DLH-35-6P(50L)
Temp. Range	-35-RT; $\pm 1^{\circ}\text{C}$	-35-RT; $\pm 1^{\circ}\text{C}$	-35-RT; $\pm 1^{\circ}\text{C}$	-35-RT; $\pm 1^{\circ}\text{C}$
Environment Temp. Range	$\leq 30^{\circ}\text{C}$	$\leq 30^{\circ}\text{C}$	$\leq 30^{\circ}\text{C}$	$\leq 30^{\circ}\text{C}$
Optimum Ambient Humidity	60%	60%	60%	60%
Electrical Requirements	220V; 1P; 50/60HZ	220V; 1P; 50/60HZ	380V; 3P; 50/60HZ	380V; 3P; 50/60HZ
Total Power [Kw]	0.9	1.3	3.3	5.75
RT	1900	2800	7500	12775
0°C	N/A	2500	6600	11275
-40°C	170	550	650	900
Temp. Sensor	PT100	PT100	PT100	PT100
Safety	Multiple protection of overvoltage, delay, overcurrent, overheating, leakage, etc.			
Power [Kw]	0.75	1.125	3	4.5
Refrigerating Fluid	R404A	R404A	R404A	R404A
Bath Volume [L]	5	7	10	17
External Circulation Interface	DN15	DN15	DN15	DN20
Power [W]	100	100	100	280
Rated Lift [m]	6	6	6	12
Rated Flow [L/min]	25	25	25	35
Unit Weight [Kg]	50   67	93   120	140   156	170   220
Unit Dimension [mm]	480×350×680	620×540×920	710×580×1050	770×670×1180

Model	DLH-35-6P(100L)	DLH-35-10P	DLH-35-13P
Temp. Range	-35-RT; $\pm 1^{\circ}\text{C}$	-35-RT; $\pm 1^{\circ}\text{C}$	-35-RT; $\pm 1^{\circ}\text{C}$
Environment Temp. Range	$\leq 30^{\circ}\text{C}$	$\leq 30^{\circ}\text{C}$	$\leq 30^{\circ}\text{C}$
Optimum Ambient Humidity	60%	60%	60%
Electrical Requirements	380V; 3P; 50/60HZ	380V; 3P; 50/60HZ	380V; 3P; 50/60HZ
Total Power [Kw]	6.3	8	10.6
RT	16500	N/A	N/A
0°C	14600	N/A	N/A
-40°C	1100	2854	4162
Temp. Sensor	PT100	PT100	PT100
Safety	Multiple protection of overvoltage, delay, overcurrent, overheating, leakage, etc.		
Power [Kw]	5.25	7.5	9.75
Refrigerating Fluid	R404A	R404A	R404A
Bath Volume [L]	35	100	100
External Circulation Interface	DN20	DN20	DN20
Power [W]	280	150	150
Rated Lift [m]	12	9.7	9.7
Rated Flow [L/min]	35	97	97
Unit Weight [Kg]	220   268	340   430	410   490
Unit Dimension [mm]	970×800×1350	1200×970×1600	1400×970×1680

Distillation system

Extraction system

Evaporation system

Reaction system

Filtering system

Drying system

Vacuum system

Temperature control