

## TECHNICAL DATA AND NOMINAL PERFORMANCES



Model		190	230	270	330	380	440	500	580	640	690
		V2.N8	V2.N8	V2.N8	V2.N8	V2.Y2	V2.Y2	V2.Y2	V2.Y3	V2.Y3	V2.Y3
Cooling capacity (1)	kW	190,0	228,0	269,0	321,0	371,0	436,0	497,0	573,0	637,0	693,0
Compressors	n.	2	2	2	2	2	2	2	2	2	2
Power input	kW	58,5	68,0	86,6	107,0	116,0	131,0	155,0	168,0	201,0	213,0
Gas circuits	n.	2	2	2	2	2	2	2	2	2	2
Weight	kg	2231	2251	2396	2656	3062	3267	3587	4026	4123	4263
Sound pressure (2)	dB(A)	73,1	73,1	73,1	73,2	73,2	75,9	75,9	76,2	78,0	78,0

Model		750	840	920	1020	1150	1240	1360	1410	1540
		V2.Y4	V2.Y4	V2.F10	V2.F10	V3.F12	V3.F14	V3.F16	V3.F16	V3.F16
Cooling capacity (1)	kW	746,0	846,0	920,0	1019,0	1147,0	1241,0	1356,0	1410,0	1537,0
Compressors	n.	2	2	2	2	3	3	3	3	3
Power input	kW	232,0	262,0	306,0	322,0	368,0	398,0	413,0	450,0	475,0
Gas circuits	n.	2	2	2	2	3	3	3	3	3
Weight	kg	5007	5433	7405	7545	9399	10313	11357	11617	11847
Sound pressure (2)	dB(A)	78,9	78,7	78,7	78,7	79,7	79,9	79,9	80,0	80,0

(1) Referred to chilled water temperature 12/7°C and air to the condenser at 35°C

(2) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50



Model		200	240	280	350	390	450	520	590	680	730
		V2.N8	V2.N8	V2.N8	V2.Y2	V2.Y2	V2.Y2	V2.Y3	V2.Y3	V2.Y4	V2.Y4
Cooling capacity (1)	kW	200,0	233,0	276,0	341,0	388,0	446,0	519,0	587,0	674,0	732,0
Compressors	n.	2	2	2	2	2	2	2	2	2	2
Power input	kW	54,3	68,7	83,8	99,7	109,0	127,0	147,0	163,0	188,0	198,0
Gas circuits	n.	2	2	2	2	2	2	2	2	2	2
Weight	kg	2231	2386	2396	2862	3062	3387	3961	4166	4507	4777
Sound pressure (2)	dB(A)	73,1	73,1	73,1	73,0	73,9	75,9	76,2	76,2	78,1	78,1

Model		780	880	950	1020	1090	1210	1300	1410	1500	1610
		V2.Y4	V2.F10	V2.F12	V2.F14	V2.F14	V3.F16	V3.F16	V3.F18	V3.F20	V3.F20
Cooling capacity (1)	kW	776,0	877,0	947,0	1016,0	1089,0	1213,0	1297,0	1409,0	1495,0	1613,0
Compressors	n.	2	2	2	2	2	3	3	3	3	3
Power input	kW	225,0	253,0	268,0	278,0	298,0	342,0	383,0	400,0	420,0	454,0
Gas circuits	n.	2	2	2	2	2	3	3	3	3	3
Weight	kg	5395	7425	8069	8913	9013	10807	11327	12176	13150	13300
Sound pressure (2)	dB(A)	78,9	78,7	78,7	78,9	78,9	79,8	79,9	80,0	80,1	80,1

(1) Referred to chilled water temperature 12/7°C and air to the condenser at 35°C

(2) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50

## TECHNICAL DATA AND NOMINAL PERFORMANCES



### GLIDER.ELN extra low noise

Model		200	230	280	350	390	450	520	570	660	690
		V2.N8	V2.N8	V2.N9	V2.Y2	V2.Y2	V2.Y3	V2.Y3	V2.Y3	V2.Y4	V2.Y4
Cooling capacity (1)	kW	193,0	227,0	278,0	344,0	383,0	450,0	510,0	564,0	651,0	689,0
Compressors	n.	2	2	2	2	2	2	2	2	2	2
Power input	kW	61,4	74,0	87,9	104,0	122,0	133,0	164,0	182,0	208,0	227,0
Gas circuits	n.	2	2	2	2	2	2	2	2	2	2
Weight	kg	2321	2341	2794	3012	3397	3911	4156	4316	4657	4757
Sound pressure (2)	dB(A)	64,1	64,1	64,6	63,3	63,3	64,4	64,4	64,4	65,5	65,5

Model		740	820	900	940	1030	1170	1240	1300	1400	1540
		V2.Y4	V2.F10	V2.F12	V2.F12	V2.F12	V3.F16	V3.F16	V3.F16	V3.F18	V3.F20
Cooling capacity (1)	kW	734,0	813,0	893,0	939,0	1021,0	1169,0	1235,0	1299,0	1397,0	1538,0
Compressors	n.	2	2	2	2	2	3	3	3	3	3
Power input	kW	250,0	291,0	295,0	323,0	340,0	380,0	424,0	462,0	483,0	503,0
Gas circuits	n.	2	2	2	2	2	3	3	3	3	3
Weight	kg	5327	7433	8137	8279	8499	10957	11247	11507	12416	13450
Sound pressure (2)	dB(A)	65,8	67,6	67,7	67,8	67,8	68,5	68,6	68,6	68,7	68,8

(1) Referred to chilled water temperature 12/7°C and air to the condenser at 35°C

(2) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50



### GLIDER.HP heat pump

Model		190	230	270	330	380	440	500
		V2.N8	V2.N8	V2.N8	V2.N8	V2.Y2	V2.Y2	V2.Y2
Cooling capacity (1)	kW	189,0	227,0	267,0	319,0	367,0	429,0	488,0
Heating capacity (2)	kW	187,0	246,0	288,0	348,0	395,0	454,0	530,0
Compressors	n.	2	2	2	2	2	2	2
Power input (1)	kW	58,4	68,0	86,5	107,0	116,0	131,0	154,0
Power input (2)	kW	54,2	69,2	76,0	91,4	104,0	119,0	144,0
Gas circuits	n.	2	2	2	2	2	2	2
Weight	kg	2381	2401	2546	2806	3382	3567	3887
Sound pressure (3)	dB(A)	73,1	73,1	73,1	73,2	73,2	75,9	75,9

Model		580	640	690	750	840	920	1020
		V2.Y3	V2.Y3	V2.Y3	V2.Y4	V2.Y4	V2.F10	V2.F10
Cooling capacity (1)	kW	552,0	609,0	657,0	725,0	815,0	899,0	990,0
Heating capacity (2)	kW	591,0	655,0	719,0	779,0	892,0	975,0	1078,0
Compressors	n.	2	2	2	2	2	2	2
Power input (1)	kW	166,0	198,0	209,0	229,0	259,0	303,0	318,0
Power input (2)	kW	158,0	177,0	195,0	222,0	241,0	265,0	279,0
Gas circuits	n.	2	2	2	2	2	2	2
Weight	kg	4326	4423	4663	5357	5803	7805	8045
Sound pressure (3)	dB(A)	76,2	78,0	78,0	78,9	78,7	78,7	78,7

(1) Referred to chilled water temperature 12/7°C and air to the condenser at 35°C

(2) Referred to hot water outlet temperature at 45°C and outdoor temperature at 7°C

(3) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50

## TECHNICAL DATA AND NOMINAL PERFORMANCES

### GLIDER FREE

Model		370 V2.Y2	430 V2.Y3	500 V2.Y3	560 V2.Y4	630 V2.Y4	770 V2.F10	840 V2.F12
Cooling capacity (1)	kW	353,0	415,0	484,0	545,0	608,0	755,0	823,0
Free Cooling capacity (2)	kW	353,0	364,0	421,0	531,0	553,0	670,0	802,0
Compressors	n.	2	2	2	2	2	2	2
Power input	kW	111,0	127,0	151,0	162,0	193,0	213,0	251,0
Gas circuits	n.	2	2	2	2	2	2	2
Weight	kg	3822	4471	4716	5310	5407	7685	9027
Sound pressure (3)	dB(A)	75,9	75,9	76,2	78,7	78,7	78,7	78,7

Model		900 V2.F12	970 V2.F14	1030 V2.F14	1180 V2.F16	1320 V2.F18	1380 V2.F20
Cooling capacity (1)	kW	877,0	950,0	1008,0	1151,0	1290,0	1352,0
Free Cooling capacity (2)	kW	815,0	948,0	962,0	1111,0	1216,0	1296,0
Compressors	n.	2	2	2	2	2	2
Power input	kW	272,0	282,0	317,0	353,0	403,0	421,0
Gas circuits	n.	2	2	2	2	2	2
Weight	kg	9087	10009	10849	12461	13418	14330
Sound pressure (3)	dB(A)	78,7	78,9	78,9	78,9	79,0	79,1

(1) Referred to chilled water temperature 12/7°C / 20% glycol and air to the condenser at 35°C

(2) Referred to water inlet temperature at 15°C / 20% glycol and outdoor temperature at 3°C

(3) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50+N

### GLIDER FREE.ELN extra low noise

Model		390 V2.Y3	450 V2.Y4	500 V2.Y4	560 V2.F10	640 V2.F12	770 V2.F12
Cooling capacity (1)	kW	378,0	435,0	490,0	546,0	620,0	758,0
Free Cooling capacity (2)	kW	317,0	405,0	422,0	438,0	530,0	554,0
Compressors	n.	2	2	2	2	2	2
Power input	kW	114,0	127,0	156,0	169,0	188,0	222,0
Gas circuits	n.	2	2	2	2	2	2
Weight	kg	4646	5240	5517	7497	8379	8757
Sound pressure (3)	dB(A)	64,4	65,5	65,5	67,6	67,7	67,7

Model		840 V2.F14	940 V2.F16	1020 V2.F18	1190 V2.F20	1290 V2.F20
Cooling capacity (1)	kW	826,0	917,0	1002,0	1168,0	1258,0
Free Cooling capacity (2)	kW	646,0	441,0	809,0	891,0	890,0
Compressors	n.	2	2	2	2	2
Power input	kW	265,0	294,0	319,0	366,0	415,0
Gas circuits	n.	2	2	2	2	2
Weight	kg	10079	11511	13138	14380	14580
Sound pressure (3)	dB(A)	67,9	68,5	68,7	68,8	68,8

(1) Referred to chilled water temperature 12/7°C / 20% glycol and air to the condenser at 35°C

(2) Referred to water inlet temperature at 15°C / 20% glycol and outdoor temperature at 3°C

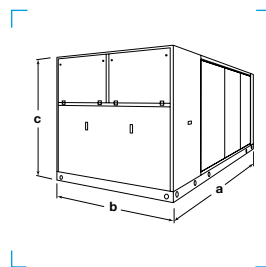
(3) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50+N

## DIMENSIONS (mm)

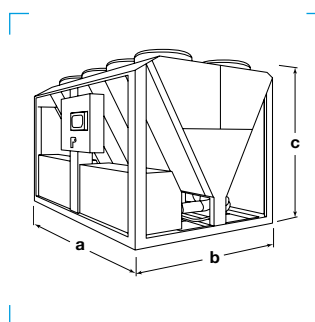
### GLIDER "N"

Size	a	b	c
V2.N8	4.400	1.800	1.990
V2.N9	5.400	1.800	1.990



### GLIDER "Y"

Size	a	b	c
V2.Y2	3.756	2.310	2.490
V2.Y3	4.900	2.310	2.490
V2.Y4	6.056	2.310	2.490



### GLIDER "F"

Size	a	b	c
V2.F10	6.790	2.320	2.560
V2.F12	7.860	2.320	2.560
V2.F14	8.930	2.320	2.560
V2.F16	8.930	2.320	2.560
V2.F18	8.930	2.320	2.560
V2.F20	8.930	2.320	2.560
V3.F12	8.410	2.320	2.560
V3.F14	9.480	2.320	2.560
V3.F16	10.550	2.320	2.560
V3.F18	11.620	2.320	2.560
V3.F20	12.690	2.320	2.560

