



**Engineering Data**  
Rev 03 - 7/31/2007

## Engineering Data SRL-200 - Air Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68°F)	200
Air Pressure Drop (psi)	1,12
Air Temperature at Dryer Outlet (°F)	85,6
Compressor Absorbed Power (kW)	0,92
Condenser Heat Rejected (kW)	3,19
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (°F)	100
Ambient Temperature (°F)	100
Relative Humidity (%)	100
GENERAL DATA	
Condenser Airflow (cfm) / number of fans	1500 / 1
Maximum Operating Pressure (psi g)	203 (*)
Sound Pressure Level (dBA) (1 m free field) *	55
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Rotary / 1
Refrigerant Quantity (lb)	2,87
Capacity Control	Hot Gas by-pass
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	1
Separator Type	Demister
Drain Type	Timed or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	1½" BSP - F with adaptor 1½" NPT - F
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	27,7
Height (inch)	37,2
Depth (inch)	22,1
Weight (lb)	183
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	230V/1ph/60Hz
Compressor R.L.A. Current (Amp)	5,8
Compressor L.R.A. Current (Amp)	30
Fan F.L.A. (Amp)	0,53
Electrical power - 1 Fan	0,19
MIN Circuit Ampacity (Amp)	7,78
HACR Max Protective Device Rating	10
Total Installed Power (kW)	1,77
Control Type	Electronic
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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**Engineering Data**  
Rev 03 - 7/31/2007

## Engineering Data SRL-250 - Air Cooled

PERFORMANCE DATA			
Airflow Capacity (Scfm @ 68°F)	250		
Air Pressure Drop (psi)	1,78		
Air Temperature at Dryer Outlet (°F)	84,67		
Compressor Absorbed Power (kW)	1,46		
Condenser Heat Rejected (kW)	4,38		
REFERENCE DATA			
Working Pressure (psi g)	100		
Inlet Air Temperature (°F)	100		
Ambient Temperature (°F)	100		
Relative Humidity (%)	100		
GENERAL DATA			
Condenser Airflow (cfm) / number of fans	1500 / 1		
Maximum Operating Pressure (psi g)	203 (*)		
Sound Pressure Level (dBA) (1 m free field) *	58		
Refrigerant Type	R407C		
Fridge Compressor Type / n°	Hermetic Pistons / 1		
Refrigerant Quantity (lb)	3,26		
Capacity Control	Hot Gas by-pass		
Expansion System	Capillary Tube		
Air-to-air Heat Exchanger	Aluminium plate fins		
Air-to-refrigerant Heat Exchanger	Aluminium plate fins		
Number of Heat Exchangers	1		
Separator Type	Demister		
Drain Type	Timed or Electronic		
PIPING CONNECTIONS			
Air Inlet / Outlet	1½" BSP - F with adaptor 1½" NPT - F		
Condensate Drain Inlet	½" NPT - F		
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F		
DIMENSIONS + WEIGHT			
Width (inch)	27,8		
Height (inch)	41,9		
Depth (inch)	41,2		
Weight (lb)	287		
ELECTRICAL DATA			
Electrical Supply (+/- 10%) (AC)	230V/1ph/60Hz	230V/3ph/60Hz	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	8,91	7,1	3,28
Compressor L.R.A. Current (Amp)	51	38	20
Fan F.L.A. (Amp)	0,53	0,53	0,53
Electrical power - 1 Fan	0,19	0,19	0,19
MIN Circuit Ampacity (Amp)	11,67	9,41	4,63
HACR Max Protective Device Rating	15	15	10
Total Installed Power (kW)	2,29	7,63	2,29
Control Type	Microprocessor		
Electrical Protection Class (Std.)	IP44		

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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**Engineering Data**  
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## Engineering Data SRL-325 - Air Cooled

PERFORMANCE DATA		
Airflow Capacity (Scfm @ 68°F)	325	
Air Pressure Drop (psi)	1,14	
Air Temperature at Dryer Outlet (°F)	85,13	
Compressor Absorbed Power (kW)	1,67	
Condenser Heat Rejected (kW)	5,39	
REFERENCE DATA		
Working Pressure (psi g)	100	
Inlet Air Temperature (°F)	100	
Ambient Temperature (°F)	100	
Relative Humidity (%)	100	
GENERAL DATA		
Condenser Airflow (cfm) / number of fans	3100 / 1	
Maximum Operating Pressure (psi g)	203 (*)	
Sound Pressure Level (dBA) (1 m free field) *	58	
Refrigerant Type	R407C	
Fridge Compressor Type / n°	Hermetic Scroll / 1	
Refrigerant Quantity (lb)	7,10	
Capacity Control	Cycling	
Expansion System	Capillary Tube	
Air-to-air Heat Exchanger	Aluminium plate fins	
Air-to-refrigerant Heat Exchanger	Aluminium plate fins	
Number of Heat Exchangers	1	
Separator Type	Demister	
Drain Type	Integrated or Electronic	
PIPING CONNECTIONS		
Air Inlet / Outlet	2" BSP - F with adaptor 2" NPT - F	
Condensate Drain Inlet	½" NPT - F	
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F	
DIMENSIONS + WEIGHT		
Width (inch)	27,8	
Height (inch)	41,9	
Depth (inch)	41,2	
Weight (lb)	320	
ELECTRICAL DATA		
Electrical Supply (+/- 10%) (AC)	230V/3ph/60Hz	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	7,1	3,28
Compressor L.R.A. Current (Amp)	38	20
Fan F.L.A. (Amp)	0,61	0,61
Electrical power - 1 Fan	0,59	0,59
MIN Circuit Ampacity (Amp)	8,88	4,84
HACR Max Protective Device Rating	10	6
Total Installed Power (kW)	2,58	2,58
Control Type	Microprocessor	
Electrical Protection Class (Std.)	IP44	

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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## Engineering Data SRL-400 - Air Cooled

PERFORMANCE DATA		
Airflow Capacity (Scfm @ 68°F)	400	
Air Pressure Drop (psi)	1,80	
Air Temperature at Dryer Outlet (°F)	84,27	
Compressor Absorbed Power (kW)	1,91	
Condenser Heat Rejected (kW)	6,59	
REFERENCE DATA		
Working Pressure (psi g)	100	
Inlet Air Temperature (°F)	100	
Ambient Temperature (°F)	100	
Relative Humidity (%)	100	
GENERAL DATA		
Condenser Airflow (cfm) / number of fans	3100 / 1	
Maximum Operating Pressure (psi g)	203 (*)	
Sound Pressure Level (dBA) (1 m free field) *	58	
Refrigerant Type	R407C	
Fridge Compressor Type / n°	Hermetic Scroll / 1	
Refrigerant Quantity (lb)	5,29	
Capacity Control	Cycling	
Expansion System	Capillary Tube	
Air-to-air Heat Exchanger	Aluminium plate fins	
Air-to-refrigerant Heat Exchanger	Aluminium plate fins	
Number of Heat Exchangers	1	
Separator Type	Demister	
Drain Type	Integrated or Electronic	
PIPING CONNECTIONS		
Air Inlet / Outlet	2" BSP - F with adaptor 2" NPT - F	
Condensate Drain Inlet	½" NPT - F	
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F	
DIMENSIONS + WEIGHT		
Width (inch)	27,8	
Height (inch)	41,9	
Depth (inch)	41,2	
Weight (lb)	320	
ELECTRICAL DATA		
Electrical Supply (+/- 10%) (AC)	230V/3ph/60Hz	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	7,9	4,2
Compressor L.R.A. Current (Amp)	45	22,4
Fan F.L.A. (Amp)	0,61	0,61
Electrical power - 1 Fan	0,59	0,59
MIN Circuit Ampacity (Amp)	9,88	5,62
HACR Max Protective Device Rating	15	10
Total Installed Power (kW)	2,85	2,85
Control Type	Microprocessor	
Electrical Protection Class (Std.)	IP44	

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
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**Engineering Data**  
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## Engineering Data SRL-500 - Air Cooled

PERFORMANCE DATA		
Airflow Capacity (Scfm @ 68°F)	500	
Air Pressure Drop (psi)	1,62	
Air Temperature at Dryer Outlet (°F)	85,09	
Compressor Absorbed Power (kW)	2,88	
Condenser Heat Rejected (kW)	8,64	
REFERENCE DATA		
Working Pressure (psi g)	100	
Inlet Air Temperature (°F)	100	
Ambient Temperature (°F)	100	
Relative Humidity (%)	100	
GENERAL DATA		
Condenser Airflow (cfm) / number of fans	3100 / 1	
Maximum Operating Pressure (psi g)	203 (*)	
Sound Pressure Level (dBA) (1 m free field) *	58	
Refrigerant Type	R407C	
Fridge Compressor Type / n°	Hermetic Scroll / 1	
Refrigerant Quantity (lb)	6,39	
Capacity Control	Cycling	
Expansion System	Capillary Tube	
Air-to-air Heat Exchanger	Aluminium plate fins	
Air-to-refrigerant Heat Exchanger	Aluminium plate fins	
Number of Heat Exchangers	1	
Separator Type	Demister	
Drain Type	Integrated or Electronic	
PIPING CONNECTIONS		
Air Inlet / Outlet	2" BSP - F with adaptor 2" NPT - F	
Condensate Drain Inlet	½" NPT - F	
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F	
DIMENSIONS + WEIGHT		
Width (inch)	27,8	
Height (inch)	41,9	
Depth (inch)	41,2	
Weight (lb)	342	
ELECTRICAL DATA		
Electrical Supply (+/- 10%) (AC)	230V/3ph/60Hz	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	10	5
Compressor L.R.A. Current (Amp)	63	31
Fan F.L.A. (Amp)	0,61	0,61
Electrical power - 1 Fan	0,59	0,59
MIN Circuit Ampacity (Amp)	12,5	6,99
HACR Max Protective Device Rating	15	10
Total Installed Power (kW)	3,53	3,53
Control Type	Microprocessor	
Electrical Protection Class (Std.)	IP44	

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
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Max / Min Air Inlet Temperature (°F): 140 / 41  
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**Engineering Data**  
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## Engineering Data SRL-700 - Air Cooled

PERFORMANCE DATA		
Airflow Capacity (Scfm @ 68°F)	700	
Air Pressure Drop (psi)	1,10	
Air Temperature at Dryer Outlet (°F)	88,14	
Compressor Absorbed Power (kW)	3,66	
Condenser Heat Rejected (kW)	11,00	
REFERENCE DATA		
Working Pressure (psi g)	100	
Inlet Air Temperature (°F)	100	
Ambient Temperature (°F)	100	
Relative Humidity (%)	100	
GENERAL DATA		
Condenser Airflow (cfm) / number of fans	3900 / 1	
Maximum Operating Pressure (psi g)	203 (*)	
Sound Pressure Level (dBA) (1 m free field) *	58	
Refrigerant Type	R407C	
Fridge Compressor Type / n°	Hermetic Scroll / 1	
Refrigerant Quantity (lb)	9,92	
Capacity Control	Cycling	
Expansion System	Capillary Tube	
Air-to-air Heat Exchanger	Aluminium plate fins	
Air-to-refrigerant Heat Exchanger	Aluminium plate fins	
Number of Heat Exchangers	1	
Separator Type	Demister	
Drain Type	Integrated or Electronic	
PIPING CONNECTIONS		
Air Inlet / Outlet	2½" BSP - F with adaptor 3" NPT - M	
Condensate Drain Inlet	½" NPT - F	
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F	
DIMENSIONS + WEIGHT		
Width (inch)	31,7	
Height (inch)	51,8	
Depth (inch)	45,9	
Weight (lb)	529	
ELECTRICAL DATA		
Electrical Supply (+/- 10%) (AC)	230V/3ph/60Hz	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	13,9	6,4
Compressor L.R.A. Current (Amp)	88	44
Fan F.L.A. (Amp)	2,2	1,25
Electrical power - 1 Fan	1,07	1,07
MIN Circuit Ampacity (Amp)	19,5	9,3
HACR Max Protective Device Rating	20	15
Total Installed Power (kW)	5,57	5,57
Control Type	Microprocessor	
Electrical Protection Class (Std.)	IP44	

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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**Engineering Data**  
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## Engineering Data SRL-800 - Air Cooled

PERFORMANCE DATA		
Airflow Capacity (Scfm @ 68°F)	800	
Air Pressure Drop (psi)	1,51	
Air Temperature at Dryer Outlet (°F)	87,41	
Compressor Absorbed Power (kW)	3,82	
Condenser Heat Rejected (kW)	12,39	
REFERENCE DATA		
Working Pressure (psi g)	100	
Inlet Air Temperature (°F)	100	
Ambient Temperature (°F)	100	
Relative Humidity (%)	100	
GENERAL DATA		
Condenser Airflow (cfm) / number of fans	3900 / 1	
Maximum Operating Pressure (psi g)	203 (*)	
Sound Pressure Level (dBA) (1 m free field) *	58	
Refrigerant Type	R407C	
Fridge Compressor Type / n°	Hermetic Scroll / 1	
Refrigerant Quantity (lb)	9,92	
Capacity Control	Cycling	
Expansion System	Capillary Tube	
Air-to-air Heat Exchanger	Aluminium plate fins	
Air-to-refrigerant Heat Exchanger	Aluminium plate fins	
Number of Heat Exchangers	1	
Separator Type	Demister	
Drain Type	Integrated or Electronic	
PIPING CONNECTIONS		
Air Inlet / Outlet	2½" BSP - F with adaptor 3" NPT - M	
Condensate Drain Inlet	½" NPT - F	
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F	
DIMENSIONS + WEIGHT		
Width (inch)	31,7	
Height (inch)	51,8	
Depth (inch)	45,9	
Weight (lb)	529	
ELECTRICAL DATA		
Electrical Supply (+/- 10%) (AC)	230V/3ph/60Hz	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	13,9	6,4
Compressor L.R.A. Current (Amp)	88	44
Fan F.L.A. (Amp)	2,2	1,25
Electrical power - 1 Fan	1,07	1,07
MIN Circuit Ampacity (Amp)	19,5	9,3
HACR Max Protective Device Rating	20	15
Total Installed Power (kW)	5,57	5,57
Control Type	Microprocessor	
Electrical Protection Class (Std.)	IP44	

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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**Engineering Data**  
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## Engineering Data SRL-1000 - Air Cooled

PERFORMANCE DATA			
Airflow Capacity (Scfm @ 68°F)	1000		
Air Pressure Drop (psi)	2,17		
Air Temperature at Dryer Outlet (°F)	86,53		
Compressor Absorbed Power (kW)	4,20		
Condenser Heat Rejected (kW)	15,15		
REFERENCE DATA			
Working Pressure (psi g)	100		
Inlet Air Temperature (°F)	100		
Ambient Temperature (°F)	100		
Relative Humidity (%)	100		
GENERAL DATA			
Condenser Airflow (cfm) / number of fans	3900 / 1		
Maximum Operating Pressure (psi g)	203 (*)		
Sound Pressure Level (dBA) (1 m free field) *	58		
Refrigerant Type	R407C		
Fridge Compressor Type / n°	Hermetic Scroll / 1		
Refrigerant Quantity (lb)	15,87		
Capacity Control	Cycling		
Expansion System	Capillary Tube		
Air-to-air Heat Exchanger	Aluminium plate fins		
Air-to-refrigerant Heat Exchanger	Aluminium plate fins		
Number of Heat Exchangers	1		
Separator Type	Demister		
Drain Type	Integrated or Electronic		
PIPING CONNECTIONS			
Air Inlet / Outlet	2½" BSP - F with adaptor 3" NPT - M		
Condensate Drain Inlet	½" NPT - F		
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F		
DIMENSIONS + WEIGHT			
Width (inch)	31,7		
Height (inch)	51,8		
Depth (inch)	45,9		
Weight (lb)	551		
ELECTRICAL DATA			
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz		
Compressor R.L.A. Current (Amp)	7,9		
Compressor L.R.A. Current (Amp)	50		
Fan F.L.A. (Amp)	1,25	1,25	
Electrical power - 1 Fan	1,07	1,07	
MIN Circuit Ampacity (Amp)	11,1	11,1	
HACR Max Protective Device Rating	15	15	
Total Installed Power (kW)	6,45		
Control Type	Microprocessor		
Electrical Protection Class (Std.)	IP44		

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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## Engineering Data SRL-1200 - Air Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68°F)	1200
Air Pressure Drop (psi)	0,92
Air Temperature at Dryer Outlet (°F)	88,60
Compressor Absorbed Power (kW)	5,46
Condenser Heat Rejected (kW)	17,77
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (°F)	100
Ambient Temperature (°F)	100
Relative Humidity (%)	100
GENERAL DATA	
Condenser Airflow (cfm) / number of fans	3900 / 1
Maximum Operating Pressure (psi g)	203 (*)
Sound Pressure Level (dBA) (1 m free field) *	58
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	16,53
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	1
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	2½" BSP - F with adaptor 3" NPT - M
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	66,5
Depth (inch)	43,2
Weight (lb)	816
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	10
Compressor L.R.A. Current (Amp)	63
Fan F.L.A. (Amp)	1,25
Electrical power - 1 Fan	1,07
MIN Circuit Ampacity (Amp)	13,8
HACR Max Protective Device Rating	15
Total Installed Power (kW)	7,6
Control Type	Microprocessor
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
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**Engineering Data**  
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## Engineering Data SRL-1400 - Air Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68°F)	1400
Air Pressure Drop (psi)	1,36
Air Temperature at Dryer Outlet (°F)	88,14
Compressor Absorbed Power (kW)	5,57
Condenser Heat Rejected (kW)	20,17
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (°F)	100
Ambient Temperature (°F)	100
Relative Humidity (%)	100
GENERAL DATA	
Condenser Airflow (cfm) / number of fans	3900 / 1
Maximum Operating Pressure (psi g)	203 (*)
Sound Pressure Level (dBA) (1 m free field) *	58
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	19,84
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	2
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	4" ANSI 150 LBS
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	66,5
Depth (inch)	49,0
Weight (lb)	1080
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	10
Compressor L.R.A. Current (Amp)	63
Fan F.L.A. (Amp)	1,25
Electrical power - 1 Fan	1,07
MIN Circuit Ampacity (Amp)	13,8
HACR Max Protective Device Rating	15
Total Installed Power (kW)	7,6
Control Type	Microprocessor
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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**Engineering Data**  
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## Engineering Data SRL-1600 - Air Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68°F)	1600
Air Pressure Drop (psi)	1,75
Air Temperature at Dryer Outlet (°F)	87,22
Compressor Absorbed Power (kW)	6,03
Condenser Heat Rejected (kW)	23,23
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (°F)	100
Ambient Temperature (°F)	100
Relative Humidity (%)	100
GENERAL DATA	
Condenser Airflow (cfm) / number of fans	7982 / 2
Maximum Operating Pressure (psi g)	203 (*)
Sound Pressure Level (dBA) (1 m free field) *	58
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	22,04
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	2
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	4" ANSI 150 LBS
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	67,8
Depth (inch)	71,1
Weight (lb)	1279
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	10
Compressor L.R.A. Current (Amp)	75
Fan F.L.A. (Amp)	1,25
Electrical power - 1 Fan	1,07
MIN Circuit Ampacity (Amp)	15
HACR Max Protective Device Rating	20
Total Installed Power (kW)	9,5
Control Type	Microprocessor
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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**Engineering Data**  
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## Engineering Data SRL-2000 - Air Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68°F)	2000
Air Pressure Drop (psi)	2,70
Air Temperature at Dryer Outlet (°F)	86,76
Compressor Absorbed Power (kW)	7,83
Condenser Heat Rejected (kW)	29,51
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (°F)	100
Ambient Temperature (°F)	100
Relative Humidity (%)	100
GENERAL DATA	
Condenser Airflow (cfm) / number of fans	10200 / 2
Maximum Operating Pressure (psi g)	203 (*)
Sound Pressure Level (dBA) (1 m free field) *	69
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	27,12
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	2
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	6" ANSI 150 LBS
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	67,8
Depth (inch)	71,1
Weight (lb)	1477
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	12,8
Compressor L.R.A. Current (Amp)	99
Fan F.L.A. (Amp)	1,9
Electrical power - 1 Fan	1,54
MIN Circuit Ampacity (Amp)	19,8
HACR Max Protective Device Rating	20
Total Installed Power (kW)	13,2
Control Type	Microprocessor
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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**Engineering Data**  
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## Engineering Data SRL-2400 - Air Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68°F)	2400
Air Pressure Drop (psi)	1,62
Air Temperature at Dryer Outlet (°F)	87,68
Compressor Absorbed Power (kW)	10,26
Condenser Heat Rejected (kW)	35,53
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (°F)	100
Ambient Temperature (°F)	100
Relative Humidity (%)	100
GENERAL DATA	
Condenser Airflow (cfm) / number of fans	10200 / 2
Maximum Operating Pressure (psi g)	203 (*)
Sound Pressure Level (dBA) (1 m free field) *	69
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	25,35
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	3
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	6" ANSI 150 LBS
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	67,8
Depth (inch)	71,1
Weight (lb)	1521
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	15,1
Compressor L.R.A. Current (Amp)	125
Fan F.L.A. (Amp)	1,9
Electrical power - 1 Fan	1,54
MIN Circuit Ampacity (Amp)	22,7
HACR Max Protective Device Rating	30
Total Installed Power (kW)	15,5
Control Type	Microprocessor
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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**Engineering Data**  
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## Engineering Data SRL-3000 - Air Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68°F)	3000
Air Pressure Drop (psi)	2,43
Air Temperature at Dryer Outlet (°F)	86,53
Compressor Absorbed Power (kW)	14,19
Condenser Heat Rejected (kW)	47,08
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (°F)	100
Ambient Temperature (°F)	100
Relative Humidity (%)	100
GENERAL DATA	
Condenser Airflow (cfm) / number of fans	10200 / 2
Maximum Operating Pressure (psi g)	203 (*)
Sound Pressure Level (dBA) (1 m free field) *	69
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	40,78
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	3
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	6" ANSI 150 LBS
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	80,6
Depth (inch)	71,1
Weight (lb)	1609
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	19,7
Compressor L.R.A. Current (Amp)	158
Fan F.L.A. (Amp)	1,9
Electrical power - 1 Fan	1,54
MIN Circuit Ampacity (Amp)	28,4
HACR Max Protective Device Rating	30
Total Installed Power (kW)	21,5
Control Type	Microprocessor
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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**Engineering Data**  
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## Engineering Data SRL-3800 - Air Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68°F)	3800
Air Pressure Drop (psi)	2,33
Air Temperature at Dryer Outlet (°F)	86,88
Compressor Absorbed Power (kW)	17,73
Condenser Heat Rejected (kW)	59,06
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (°F)	100
Ambient Temperature (°F)	100
Relative Humidity (%)	100
GENERAL DATA	
Condenser Airflow (cfm) / number of fans	10200 / 2
Maximum Operating Pressure (psi g)	203 (*)
Sound Pressure Level (dBA) (1 m free field) *	69
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	42,99
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	4
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	6" ANSI 150 LBS
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	80,6
Depth (inch)	71,1
Weight (lb)	1830
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	24,1
Compressor L.R.A. Current (Amp)	187
Fan F.L.A. (Amp)	1,9
Electrical power - 1 Fan	1,54
MIN Circuit Ampacity (Amp)	33,9
HACR Max Protective Device Rating	40
Total Installed Power (kW)	25,2
Control Type	Microprocessor
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
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**Engineering Data**  
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## Engineering Data SRL-5000 - Air Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68°F)	5000
Air Pressure Drop (psi)	2,70
Air Temperature at Dryer Outlet (°F)	86,88
Compressor Absorbed Power (kW)	23,49
Condenser Heat Rejected (kW)	77,71
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (°F)	100
Ambient Temperature (°F)	100
Relative Humidity (%)	100
GENERAL DATA	
Condenser Airflow (cfm) / number of fans	15300/3
Maximum Operating Pressure (psi g)	203 (*)
Sound Pressure Level (dBA) (1 m free field) *	69
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	61,73
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	5
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	8" ANSI 150 LBS
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	86,9
Depth (inch)	88,9
Weight (lb)	2425
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	31,1
Compressor L.R.A. Current (Amp)	225
Fan F.L.A. (Amp)	1,9
Electrical power - 1 Fan	1,54
MIN Circuit Ampacity (Amp)	44,6
HACR Max Protective Device Rating	60
Total Installed Power (kW)	33,55
Control Type	Microprocessor
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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**Engineering Data**  
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## Engineering Data SRL-6000 - Air Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68°F)	6000
Air Pressure Drop (psi)	3,05
Air Temperature at Dryer Outlet (°F)	86,34
Compressor Absorbed Power (kW)	31,31
Condenser Heat Rejected (kW)	96,77
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (°F)	100
Ambient Temperature (°F)	100
Relative Humidity (%)	100
GENERAL DATA	
Condenser Airflow (cfm) / number of fans	15300/3
Maximum Operating Pressure (psi g)	203 (*)
Sound Pressure Level (dBA) (1 m free field) *	69
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	68,34
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	6
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	8" ANSI 150 LBS
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	86,9
Depth (inch)	88,9
Weight (lb)	2624
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	39
Compressor L.R.A. Current (Amp)	272
Fan F.L.A. (Amp)	1,9
Electrical power - 1 Fan	1,54
MIN Circuit Ampacity (Amp)	54,5
HACR Max Protective Device Rating	60
Total Installed Power (kW)	40,75
Control Type	Microprocessor
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998  
DEW POINT IN ACCORDANCE WITH CLASS 5 OF DIN ISO 8573-1  
Sound pressure level lower than 80 dB(A)  
\*With timed drain

Operating limits:  
Max / Min Ambient Temperature (°F): 122 / 41  
Max / Min Air Inlet Temperature (°F): 140 / 41  
(\*) Models for Canada with CRN, max op. pressure is 174 psig



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**Engineering Data**  
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## Engineering Data SRL-700W - Water Cooled

PERFORMANCE DATA		
Airflow Capacity (Scfm @ 68F)	700	
Air Pressure Drop (psi)	1,10	
Air Temperature at Dryer Outlet (F)	87,7	
Compressor Absorbed Power (kW)	2,99	
Condenser Heat Rejected (kW)	10,4	
REFERENCE DATA		
Working Pressure (psi g)	100	
Inlet Air Temperature (F)	100	
Ambient Temperature (F)	100	
Relative Humidity (%)	100	
GENERAL DATA		
Water Flow (gal/min)	3,00	
Water Pressure Drop* (psi)	0,2	
Condensing Temperature (F)	110	
Max / Min Inlet Condenser Water Temperature (F)	1 18 / 50	
Maximum Operating Pressure (psi g)	203 (*)	
Refrigerant Type	R407C	
Fridge Compressor Type / n°	Hermetic Scroll / 1	
Refrigerant Quantity (lb)	9,26	
Capacity Control	Cycling	
Expansion System	Capillary Tube	
Air-to-air Heat Exchanger	Aluminium plate fins	
Air-to-refrigerant Heat Exchanger	Aluminium plate fins	
Number of Heat Exchangers	1	
Separator Type	Demister	
Drain Type	Integrated or Electronic	
PIPING CONNECTIONS		
Air Inlet / Outlet	2½" BSP - F with adaptor 3" NPT - M	
Water Connections Inlet / Outlet	¾" NPT-F	
Condensate Drain Inlet	½" NPT - F	
Condensate Drain Outlet**	¾" NPT-F with adaptor ¾" NPT-F	
DIMENSIONS + WEIGHT		
Width (inch)	31,7	
Height (inch)	47,8	
Depth (inch)	45,9	
Weight (lb)	529	
ELECTRICAL DATA		
Electrical Supply (+/- 10%) (AC)	230V/3ph/60Hz	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	13,9	6,4
Compressor L.R.A. Current (Amp)	88	44
Fan F.L.A. (Amp)	-	-
Electrical power - 1 Fan	-	-
MIN Circuit Ampacity (Amp)	17,4	8
HACR Max Protective Device Rating	20	15
Total Installed Power (kW)	4,77	4,77
Control Type	Microprocessor	



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## Engineering Data SRL-800W - Water Cooled

PERFORMANCE DATA		
Airflow Capacity (Scfm @ 68F)	800	
Air Pressure Drop (psi)	1,53	
Air Temperature at Dryer Outlet (F)	86,9	
Compressor Absorbed Power (kW)	2,99	
Condenser Heat Rejected (kW)	11,7	
REFERENCE DATA		
Working Pressure (psi g)	100	
Inlet Air Temperature (F)	100	
Ambient Temperature (F)	100	
Relative Humidity (%)	100	
GENERAL DATA		
Water Flow (gal/min)	3,57	
Water Pressure Drop* (psi)	0,3	
Condensing Temperature (F)	110	
Max / Min Inlet Condenser Water Temperature (F)	11 8 / 50	
Maximum Operating Pressure (psi g)	203 (*)	
Refrigerant Type	R407C	
Fridge Compressor Type / n°	Hermetic Scroll / 1	
Refrigerant Quantity (lb)	9,26	
Capacity Control	Cycling	
Expansion System	Capillary Tube	
Air-to-air Heat Exchanger	Aluminium plate fins	
Air-to-refrigerant Heat Exchanger	Aluminium plate fins	
Number of Heat Exchangers	1	
Separator Type	Demister	
Drain Type	Integrated or Electronic	
PIPING CONNECTIONS		
Air Inlet / Outlet	2½" BSP - F with adaptor 3" NPT - M	
Water Connections Inlet / Outlet	¾" NPT-F	
Condensate Drain Inlet	½" NPT - F	
Condensate Drain Outlet**	¾" NPT-F with adaptor ¾" NPT-F	
DIMENSIONS + WEIGHT		
Width (inch)	31,7	
Height (inch)	47,8	
Depth (inch)	45,9	
Weight (lb)	529	
ELECTRICAL DATA		
Electrical Supply (+/- 10%) (AC)	230V/3ph/60Hz	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	13,9	6,4
Compressor L.R.A. Current (Amp)	88	44
Fan F.L.A. (Amp)	-	-
Electrical power - 1 Fan	-	-
MIN Circuit Ampacity (Amp)	17,4	8
HACR Max Protective Device Rating	20	15
Total Installed Power (kW)	4,77	4,77
Control Type	Microprocessor	



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**Engineering Data**  
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## Engineering Data SRL-1000W - Water Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68F)	1000
Air Pressure Drop (psi)	2,19
Air Temperature at Dryer Outlet (F)	86,3
Compressor Absorbed Power (kW)	3,53
Condenser Heat Rejected (kW)	14,6
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (F)	100
Ambient Temperature (F)	100
Relative Humidity (%)	100
GENERAL DATA	
Water Flow (gal/min)	4,23
Water Pressure Drop* (psi)	0,2
Condensing Temperature (F)	110
Max / Min Inlet Condenser Water Temperature (F)	1 18 / 50
Maximum Operating Pressure (psi g)	203 (*)
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	7,72
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	1
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	2½" BSP - F with adaptor 3" NPT - M
Water Connections Inlet / Outlet	¾" NPT-F
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	31,7
Height (inch)	47,8
Depth (inch)	45,9
Weight (lb)	551
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	7,9
Compressor L.R.A. Current (Amp)	50
Fan F.L.A. (Amp)	-
Electrical power - 1 Fan	-
MIN Circuit Ampacity (Amp)	9,9
HACR Max Protective Device Rating	15
Total Installed Power (kW)	5,65
Control Type	Microprocessor



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**Engineering Data**  
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## Engineering Data SRL-1200W - Water Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68F)	1200
Air Pressure Drop (psi)	0,93
Air Temperature at Dryer Outlet (F)	88,1
Compressor Absorbed Power (kW)	4,52
Condenser Heat Rejected (kW)	17,1
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (F)	100
Ambient Temperature (F)	100
Relative Humidity (%)	100
GENERAL DATA	
Water Flow (gal/min)	5,11
Water Pressure Drop* (psi)	0,3
Condensing Temperature (F)	110
Max / Min Inlet Condenser Water Temperature (F)	118 / 50
Maximum Operating Pressure (psi g)	203 (*)
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	13,00
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	1
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	2½" BSP - F with adaptor 3" NPT - M
Water Connections Inlet / Outlet	1" NPT-F
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	62,4
Depth (inch)	43,2
Weight (lb)	816
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	10
Compressor L.R.A. Current (Amp)	63
Fan F.L.A. (Amp)	-
Electrical power - 1 Fan	-
MIN Circuit Ampacity (Amp)	12,5
HACR Max Protective Device Rating	15
Total Installed Power (kW)	6,8
Control Type	Microprocessor



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## Engineering Data SRL-1400W - Water Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68F)	1400
Air Pressure Drop (psi)	1,36
Air Temperature at Dryer Outlet (F)	87,7
Compressor Absorbed Power (kW)	4,43
Condenser Heat Rejected (kW)	19,3
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (F)	100
Ambient Temperature (F)	100
Relative Humidity (%)	100
GENERAL DATA	
Water Flow (gal/min)	5,55
Water Pressure Drop* (psi)	0,7
Condensing Temperature (F)	110
Max / Min Inlet Condenser Water Temperature (F)	1 18 / 50
Maximum Operating Pressure (psi g)	203 (*)
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	15,43
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	2
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	4" ANSI 150 LBS
Water Connections Inlet / Outlet	1" NPT-F
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	62,4
Depth (inch)	49,0
Weight (lb)	1080
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	10
Compressor L.R.A. Current (Amp)	63
Fan F.L.A. (Amp)	-
Electrical power - 1 Fan	-
MIN Circuit Ampacity (Amp)	12,5
HACR Max Protective Device Rating	15
Total Installed Power (kW)	6,8
Control Type	Microprocessor



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## Engineering Data SRL-1600W - Water Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68F)	1600
Air Pressure Drop (psi)	1,75
Air Temperature at Dryer Outlet (F)	87,2
Compressor Absorbed Power (kW)	5,10
Condenser Heat Rejected (kW)	22,4
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (F)	100
Ambient Temperature (F)	100
Relative Humidity (%)	100
GENERAL DATA	
Water Flow (gal/min)	6,60
Water Pressure Drop* (psi)	1,0
Condensing Temperature (F)	110
Max / Min Inlet Condenser Water Temperature (F)	118 / 50
Maximum Operating Pressure (psi g)	203 (*)
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	13,23
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	2
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	4" ANSI 150 LBS
Water Connections Inlet / Outlet	1" NPT-F
Condensate Drain Inlet	½" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	62,4
Depth (inch)	49,0
Weight (lb)	1279
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	10
Compressor L.R.A. Current (Amp)	75
Fan F.L.A. (Amp)	-
Electrical power - 1 Fan	-
MIN Circuit Ampacity (Amp)	12,5
HACR Max Protective Device Rating	15
Total Installed Power (kW)	7,9
Control Type	Microprocessor



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## Engineering Data SRL-2000W - Water Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68F)	2000
Air Pressure Drop (psi)	2,71
Air Temperature at Dryer Outlet (F)	86,5
Compressor Absorbed Power (kW)	6,63
Condenser Heat Rejected (kW)	28,6
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (F)	100
Ambient Temperature (F)	100
Relative Humidity (%)	100
GENERAL DATA	
Water Flow (gal/min)	9,29
Water Pressure Drop* (psi)	1,9
Condensing Temperature (F)	110
Max / Min Inlet Condenser Water Temperature (F)	1 18 / 50
Maximum Operating Pressure (psi g)	203 (*)
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	18,52
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	2
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	6" ANSI 150 LBS
Water Connections Inlet / Outlet	1 1/2" NPT-F
Condensate Drain Inlet	1/2" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	62,4
Depth (inch)	71,1
Weight (lb)	1477
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	12,8
Compressor L.R.A. Current (Amp)	99
Fan F.L.A. (Amp)	-
Electrical power - 1 Fan	-
MIN Circuit Ampacity (Amp)	16
HACR Max Protective Device Rating	20
Total Installed Power (kW)	10,9
Control Type	Microprocessor



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## Engineering Data SRL-2400W - Water Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68F)	2400
Air Pressure Drop (psi)	1,64
Air Temperature at Dryer Outlet (F)	87,2
Compressor Absorbed Power (kW)	8,14
Condenser Heat Rejected (kW)	34,1
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (F)	100
Ambient Temperature (F)	100
Relative Humidity (%)	100
GENERAL DATA	
Water Flow (gal/min)	9,69
Water Pressure Drop* (psi)	0,6
Condensing Temperature (F)	110
Max / Min Inlet Condenser Water Temperature (F)	118 / 50
Maximum Operating Pressure (psi g)	203 (*)
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	21,40
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	3
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	6" ANSI 150 LBS
Water Connections Inlet / Outlet	1 1/2" NPT-F
Condensate Drain Inlet	1/2" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	62,4
Depth (inch)	71,1
Weight (lb)	1521
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	15,1
Compressor L.R.A. Current (Amp)	125
Fan F.L.A. (Amp)	-
Electrical power - 1 Fan	-
MIN Circuit Ampacity (Amp)	18,9
HACR Max Protective Device Rating	20
Total Installed Power (kW)	13,2
Control Type	Microprocessor



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## Engineering Data SRL-3000W - Water Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68F)	3000
Air Pressure Drop (psi)	2,44
Air Temperature at Dryer Outlet (F)	86,3
Compressor Absorbed Power (kW)	11,63
Condenser Heat Rejected (kW)	44,8
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (F)	100
Ambient Temperature (F)	100
Relative Humidity (%)	100
GENERAL DATA	
Water Flow (gal/min)	13,52
Water Pressure Drop* (psi)	1,2
Condensing Temperature (F)	110
Max / Min Inlet Condenser Water Temperature (F)	1 18 / 50
Maximum Operating Pressure (psi g)	203 (*)
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	19,40
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	3
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	6" ANSI 150 LBS
Water Connections Inlet / Outlet	1 1/2" NPT-F
Condensate Drain Inlet	1/2" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	62,4
Depth (inch)	71,1
Weight (lb)	1609
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	19,7
Compressor L.R.A. Current (Amp)	158
Fan F.L.A. (Amp)	-
Electrical power - 1 Fan	-
MIN Circuit Ampacity (Amp)	24,6
HACR Max Protective Device Rating	30
Total Installed Power (kW)	19,2
Control Type	Microprocessor



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## Engineering Data SRL-3800W - Water Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68F)	3800
Air Pressure Drop (psi)	2,31
Air Temperature at Dryer Outlet (F)	86,4
Compressor Absorbed Power (kW)	13,26
Condenser Heat Rejected (kW)	55,1
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (F)	100
Ambient Temperature (F)	100
Relative Humidity (%)	100
GENERAL DATA	
Water Flow (gal/min)	18,18
Water Pressure Drop* (psi)	2,1
Condensing Temperature (F)	110
Max / Min Inlet Condenser Water Temperature (F)	118 / 50
Maximum Operating Pressure (psi g)	203 (*)
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	25,35
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	4
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	6" ANSI 150 LBS
Water Connections Inlet / Outlet	1 1/2" NPT-F
Condensate Drain Inlet	1/2" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	62,4
Depth (inch)	71,1
Weight (lb)	1830
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	24,1
Compressor L.R.A. Current (Amp)	187
Fan F.L.A. (Amp)	-
Electrical power - 1 Fan	-
MIN Circuit Ampacity (Amp)	30,1
HACR Max Protective Device Rating	40
Total Installed Power (kW)	22,9
Control Type	Microprocessor



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## Engineering Data SRL-5000W - Water Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68F)	5000
Air Pressure Drop (psi)	2,71
Air Temperature at Dryer Outlet (F)	86,2
Compressor Absorbed Power (kW)	18,43
Condenser Heat Rejected (kW)	74,1
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (F)	100
Ambient Temperature (F)	100
Relative Humidity (%)	100
GENERAL DATA	
Water Flow (gal/min)	22,81
Water Pressure Drop* (psi)	1,3
Condensing Temperature (F)	110
Max / Min Inlet Condenser Water Temperature (F)	1 18 / 50
Maximum Operating Pressure (psi g)	203 (*)
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	37,48
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	5
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	8" ANSI 150 LBS
Water Connections Inlet / Outlet	1 1/2" NPT-F
Condensate Drain Inlet	1/2" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	63,6
Depth (inch)	88,9
Weight (lb)	2425
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	31,1
Compressor L.R.A. Current (Amp)	225
Fan F.L.A. (Amp)	-
Electrical power - 1 Fan	-
MIN Circuit Ampacity (Amp)	38,9
HACR Max Protective Device Rating	40
Total Installed Power (kW)	30,1
Control Type	Microprocessor



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## Engineering Data SRL-6000W - Water Cooled

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68F)	6000
Air Pressure Drop (psi)	3,09
Air Temperature at Dryer Outlet (F)	86,3
Compressor Absorbed Power (kW)	22,54
Condenser Heat Rejected (kW)	89,0
REFERENCE DATA	
Working Pressure (psi g)	100
Inlet Air Temperature (F)	100
Ambient Temperature (F)	100
Relative Humidity (%)	100
GENERAL DATA	
Water Flow (gal/min)	30,03
Water Pressure Drop* (psi)	2,2
Condensing Temperature (F)	110
Max / Min Inlet Condenser Water Temperature (F)	118 / 50
Maximum Operating Pressure (psi g)	203 (*)
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	45,19
Capacity Control	Cycling
Expansion System	Capillary Tube
Air-to-air Heat Exchanger	Aluminium plate fins
Air-to-refrigerant Heat Exchanger	Aluminium plate fins
Number of Heat Exchangers	6
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	8" ANSI 150 LBS
Water Connections Inlet / Outlet	1 1/2" NPT-F
Condensate Drain Inlet	1/2" NPT - F
Condensate Drain Outlet**	3/8" NPT-F with adaptor 3/8" NPT-F
DIMENSIONS + WEIGHT	
Width (inch)	39,6
Height (inch)	63,6
Depth (inch)	88,9
Weight (lb)	2624
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Compressor R.L.A. Current (Amp)	39
Compressor L.R.A. Current (Amp)	272
Fan F.L.A. (Amp)	-
Electrical power - 1 Fan	-
MIN Circuit Ampacity (Amp)	48,8
HACR Max Protective Device Rating	60
Total Installed Power (kW)	37,3
Control Type	Microprocessor



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