



## Engineering Data SRHT 15 - Air Cooled

PERFORMANCE DATA			
Pressure Dew Point (°F)	41	50	59
Airflow Capacity (Scfm @ 68°F)	12,3	15,0	18,1
Air Pressure Drop (psi)	1,66	2,39	3,40
Air Temperature at Dryer Outlet (°F)	83,0	87,2	91,7
Compressor Absorbed Power (kW)	0,22	0,25	0,27
Condenser Heat Rejected (kW)	0,38	0,44	0,49
REFERENCE DATA			
Working Pressure (psig)		125	
Inlet Air Temperature (°F)		180	
Ambient Temperature (°F)		95	
Relative Humidity (%)		60	
GENERAL DATA			
Condenser Airflow (cfm) / number of fans		58,3 / 1	
Maximum Operating Pressure (psig)		232	
Sound Pressure Level (dBA) (1 m free field )*		55	
Refrigerant Type		R134a	
Fridge Compressor Type / n°		Hermetic Pistons / 1	
Refrigerant Quantity (lb)		0,29	
Capacity Control		Automatic Expansion Valve	
Expansion System		Automatic Expansion Valve	
Air-to-air Heat Exchanger		Copper Tube in Tube	
Air-to-refrigerant Heat Exchanger		Copper Tube in Tube	
Number of Heat Exchangers		1	
Separator Type		Demister	
Drain Type		Afloat Drain	
Aftercooler Exchanger		Copper Tubes with Aluminium Fins	
Aftercooler		353,1	
Prefilter (3 micron) Model		HFN010/Q	
PIPING CONNECTIONS			
Air Inlet / Outlet		3/8" NPT - F	
Condensate Drain Outlet		½" NPT - M	
DIMENSIONS + WEIGHT			
Width (inch)		7,8	
Height (inch)		32	
Depth (inch)		17,7	
Weight (lb)		55	
ELECTRICAL DATA			
Electrical Supply (+/- 10%) (AC)		115V / 1ph / 60Hz	
L.R.A. Current (Amps)		17,15	
F.L.A. Current (Amps)		3,7	
Total Installed Power (kW)		0,30	
Control Type		Electromechanical	
Electrical Protection Class (Std.)		IP20	

\*Sound pressure level in accordance with ISO 3746

Operating limits:  
Max / Min Ambient Temperature (°F): 115 / 41  
Max / Min Air Inlet Temperature (°F): 200 / 41



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## Engineering Data SRHT 25 - Air Cooled

PERFORMANCE DATA			
Pressure Dew Point (°F)	41	50	59
Airflow Capacity (Scfm @ 68°F)	19,6	25,0	31,7
Air Pressure Drop (psi)	1,31	2,05	3,16
Air Temperature at Dryer Outlet (°F)	74,5	78,7	83,4
Compressor Absorbed Power (kW)	0,26	0,29	0,32
Condenser Heat Rejected (kW)	0,52	0,60	0,68
REFERENCE DATA			
Working Pressure (psig)		125	
Inlet Air Temperature (°F)		180	
Ambient Temperature (°F)		95	
Relative Humidity (%)		60	
GENERAL DATA			
Condenser Airflow (cfm) / number of fans		147,1 / 1	
Maximum Operating Pressure (psig)		232	
Sound Pressure Level (dBA) (1 m free field )*		60	
Refrigerant Type		R134a	
Fridge Compressor Type / n°		Hermetic Pistons / 1	
Refrigerant Quantity (lb)		0,43	
Capacity Control		Automatic Expansion Valve	
Expansion System		Automatic Expansion Valve	
Air-to-air Heat Exchanger		Copper Tube in Tube	
Air-to-refrigerant Heat Exchanger		Copper Tube in Tube	
Number of Heat Exchangers		1	
Separator Type		Demister	
Drain Type		Afloat Drain	
Aftercooler Exchanger		Copper Tubes with Aluminium Fins	
Aftercooler		353,1	
Prefilter (3 micron) Model		HFN018/Q	
PIPING CONNECTIONS			
Air Inlet / Outlet		½" NPT - F	
Condensate Drain Outlet		½" NPT - M	
DIMENSIONS + WEIGHT			
Width (inch)		11,1	
Height (inch)		39	
Depth (inch)		23,6	
Weight (lb)		93	
ELECTRICAL DATA			
Electrical Supply (+/- 10%) (AC)		115V / 1ph / 60Hz	
L.R.A. Current (Amps)		31,45	
F.L.A. Current (Amps)		5,6	
Total Installed Power (kW)		0,39	
Control Type		Electromechanical	
Electrical Protection Class (Std.)		IP20	

\*Sound pressure level in accordance with ISO 3746

Operating limits:  
Max / Min Ambient Temperature (°F): 115 / 41  
Max / Min Air Inlet Temperature (°F): 200 / 41



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## Engineering Data SRHT 35 - Air Cooled

PERFORMANCE DATA			
Pressure Dew Point (°F)	41	50	59
Airflow Capacity (Scfm @ 68°F)	28,2	35,0	42,7
Air Pressure Drop (psi)	2,53	3,76	5,43
Air Temperature at Dryer Outlet (°F)	75,3	80,2	85,2
Compressor Absorbed Power (kW)	0,39	0,44	0,49
Condenser Heat Rejected (kW)	0,79	0,90	1,02
REFERENCE DATA			
Working Pressure (psig)		125	
Inlet Air Temperature (°F)		180	
Ambient Temperature (°F)		95	
Relative Humidity (%)		60	
GENERAL DATA			
Condenser Airflow (cfm) / number of fans		147,1 / 1	
Maximum Operating Pressure (psig)		232	
Sound Pressure Level (dBA) (1 m free field )*		60	
Refrigerant Type		R134a	
Fridge Compressor Type / n°		Hermetic Pistons / 1	
Refrigerant Quantity (lb)		0,44	
Capacity Control		Automatic Expansion Valve	
Expansion System		Automatic Expansion Valve	
Air-to-air Heat Exchanger		Copper Tube in Tube	
Air-to-refrigerant Heat Exchanger		Copper Tube in Tube	
Number of Heat Exchangers		1	
Separator Type		Demister	
Drain Type		Afloat Drain	
Aftercooler Exchanger		Copper Tubes with Aluminium Fins	
Aftercooler		882,9	
Prefilter (3 micron) Model		HFN018/Q	
PIPING CONNECTIONS			
Air Inlet / Outlet		½" NPT - F	
Condensate Drain Outlet		½" NPT - M	
DIMENSIONS + WEIGHT			
Width (inch)		11,1	
Height (inch)		39	
Depth (inch)		23,6	
Weight (lb)		95	
ELECTRICAL DATA			
Electrical Supply (+/- 10%) (AC)		115V / 1ph / 60Hz	
L.R.A. Current (Amps)		36,45	
F.L.A. Current (Amps)		7,0	
Total Installed Power (kW)		0,54	
Control Type		Electromechanical	
Electrical Protection Class (Std.)		IP20	

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Operating limits:  
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## Engineering Data SRHT 50 - Air Cooled

PERFORMANCE DATA			
Pressure Dew Point (°F)	41	50	59
Airflow Capacity (Scfm @ 68°F)	40,0	50,1	60,6
Air Pressure Drop (psi)	2,17	3,27	4,66
Air Temperature at Dryer Outlet (°F)	73,2	77,8	82,8
Compressor Absorbed Power (kW)	0,56	0,64	0,69
Condenser Heat Rejected (kW)	1,09	1,26	1,38
REFERENCE DATA			
Working Pressure (psig)		125	
Inlet Air Temperature (°F)		180	
Ambient Temperature (°F)		95	
Relative Humidity (%)		60	
GENERAL DATA			
Condenser Airflow (cfm) / number of fans		176,6 / 1	
Maximum Operating Pressure (psig)		232	
Sound Pressure Level (dBA) (1 m free field )*		60	
Refrigerant Type		R134a	
Fridge Compressor Type / n°		Hermetic Pistons / 1	
Refrigerant Quantity (lb)		0,53	
Capacity Control		Automatic Expansion Valve	
Expansion System		Automatic Expansion Valve	
Air-to-air Heat Exchanger		Copper Tube in Tube	
Air-to-refrigerant Heat Exchanger		Copper Tube in Tube	
Number of Heat Exchangers		1	
Separator Type		Demister	
Drain Type		Afloat Drain	
Aftercooler Exchanger		Copper Tubes with Aluminium Fins	
Aftercooler		882,9	
Prefilter (3 micron) Model		HFN022/Q	
PIPING CONNECTIONS			
Air Inlet / Outlet		¾" NPT - F	
Condensate Drain Outlet		½" NPT - M	
DIMENSIONS + WEIGHT			
Width (inch)		13,9	
Height (inch)		47,7	
Depth (inch)		27,6	
Weight (lb)		134	
ELECTRICAL DATA			
Electrical Supply (+/- 10%) (AC)		115V / 1ph / 60Hz	
L.R.A. Current (Amps)		43,45	
F.L.A. Current (Amps)		8,8	
Total Installed Power (kW)		0,72	
Control Type		Electromechanical	
Electrical Protection Class (Std.)		IP20	

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Operating limits:  
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Max / Min Air Inlet Temperature (°F): 200 / 41



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## Engineering Data SRHT 75 - Air Cooled

PERFORMANCE DATA			
Pressure Dew Point (°F)	41	50	59
Airflow Capacity (Scfm @ 68°F)	62,0	75,0	89,2
Air Pressure Drop (psi)	2,41	3,43	4,74
Air Temperature at Dryer Outlet (°F)	76,7	81,8	87,0
Compressor Absorbed Power (kW)	0,76	0,85	0,94
Condenser Heat Rejected (kW)	1,64	1,86	2,09
REFERENCE DATA			
Working Pressure (psig)		125	
Inlet Air Temperature (°F)		180	
Ambient Temperature (°F)		95	
Relative Humidity (%)		60	
GENERAL DATA			
Condenser Airflow (cfm) / number of fans		247,2 / 1	
Maximum Operating Pressure (psig)		232	
Sound Pressure Level (dBA) (1 m free field )*		60	
Refrigerant Type		R134a	
Fridge Compressor Type / n°		Hermetic Pistons / 1	
Refrigerant Quantity (lb)		0,71	
Capacity Control		Automatic Expansion Valve	
Expansion System		Automatic Expansion Valve	
Air-to-air Heat Exchanger		Copper Tube in Tube	
Air-to-refrigerant Heat Exchanger		Copper Tube in Tube	
Number of Heat Exchangers		1	
Separator Type		Demister	
Drain Type		Afloat Drain	
Aftercooler Exchanger		Copper Tubes with Aluminium Fins	
Aftercooler		882,9	
Prefilter (3 micron) Model		HFN030/Q	
PIPING CONNECTIONS			
Air Inlet / Outlet		¾" NPT - F	
Condensate Drain Outlet		½" NPT - M	
DIMENSIONS + WEIGHT			
Width (inch)		13,9	
Height (inch)		47,7	
Depth (inch)		27,6	
Weight (lb)		154	
ELECTRICAL DATA			
Electrical Supply (+/- 10%) (AC)		115V / 1ph / 60Hz	
L.R.A. Current (Amps)		54,45	
F.L.A. Current (Amps)		11,0	
Total Installed Power (kW)		0,99	
Control Type		Electromechanical	
Electrical Protection Class (Std.)		IP20	

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Operating limits:  
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Max / Min Air Inlet Temperature (°F): 200 / 41



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## Engineering Data SRHT 100 - Air Cooled

PERFORMANCE DATA			
Pressure Dew Point (°F)	41	50	59
Airflow Capacity (Scfm @ 68°F)	83,9	100,0	116,8
Air Pressure Drop (psi)	3,48	4,81	6,43
Air Temperature at Dryer Outlet (°F)	78,4	84,1	89,9
Compressor Absorbed Power (kW)	0,96	1,09	1,16
Condenser Heat Rejected (kW)	2,30	2,64	2,90
REFERENCE DATA			
Working Pressure (psig)		125	
Inlet Air Temperature (°F)		180	
Ambient Temperature (°F)		95	
Relative Humidity (%)		60	
GENERAL DATA			
Condenser Airflow (cfm) / number of fans		365 / 1	
Maximum Operating Pressure (psig)		232	
Sound Pressure Level (dBA) (1 m free field )*		60	
Refrigerant Type		R134a	
Fridge Compressor Type / n°		Hermetic Pistons / 1	
Refrigerant Quantity (lb)		0,71	
Capacity Control		Automatic Expansion Valve	
Expansion System		Automatic Expansion Valve	
Air-to-air Heat Exchanger		Copper Tube in Tube	
Air-to-refrigerant Heat Exchanger		Copper Tube in Tube	
Number of Heat Exchangers		1	
Separator Type		Demister	
Drain Type		Afloat Drain	
Aftercooler Exchanger		Copper Tubes with Aluminium Fins	
Aftercooler		882,9	
Prefilter (3 micron) Model		HFN030/Q	
PIPING CONNECTIONS			
Air Inlet / Outlet		¾" NPT - F	
Condensate Drain Outlet		½" NPT - M	
DIMENSIONS + WEIGHT			
Width (inch)		13,9	
Height (inch)		47,7	
Depth (inch)		27,6	
Weight (lb)		161	
ELECTRICAL DATA			
Electrical Supply (+/- 10%) (AC)		115V / 1ph / 60Hz	
L.R.A. Current (Amps)		58,25	
F.L.A. Current (Amps)		13,6	
Total Installed Power (kW)		1,22	
Control Type		Electromechanical	
Electrical Protection Class (Std.)		IP20	

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