

ENGINEERING DATA

Website: www.zeks.com
Date: October 1, 2014

1302 Goshen Parkway
West Chester, PA 19380

ZEKS Heatsink™ Cycling Air Dryer 500 to 800 SCFM Air Cooled

Model Name	500HSF	600HSF	700HSF	800HSF
Performance Data				
Conditions	Specified in accordance with ISO 7183, Table 2, A2 100 PSIG/100°F Inlet/100°F Ambient/100% Relative Humidity			
Rated Flow (SCFM)	500	600	700	800
Pressure Drop (PSIG)	2.90	3.00	2.70	2.90
Electrical Data				
Operating kW	5.0	5.0	6.1	6.7
Electrical Supply	208/3/60			
Minimum Circuit Ampacity (amps)	22.30	22.70	25.00	29.50
Maximum Fuse Size (amps)	35.00	35.00	40.00	45.00
Electrical Protection Class	NEMA 1 (Optional NEMA 4)			
Weights & Dimenensions				
Width (in)	42	42	42	42
Depth (in)	40	40	40	40
Height (in)	62	62	62	62
Shipping Weight (lbs)	1105	1275	1320	1415
General Data				
Air Inlet / Outlet Connections (in)	3	3	3	3
Air Connection Type	MPT			
Max Operating Ambient Temp (°F)	113			
Max Operating Inlet Temp (°F)	120			
Min Operating Ambient Temp (°F)	35			
Max Operating Pressure (PSIG)	300			
Sound Level (dBA)	<85			
Condensate Drain Connection	1/4" OD Nylon Tube			
Condenser Airflow (cfm)	1,800	1,800	3,600	3,100
Heat Rejection	39,596	39,596	46,603	52,498
Refrigerant Compressor (HP)	4	4	4.5	5
Refrigerant Type	R404A	R404A	R404A	R404A
Refrigerant Charge (lb-oz)	5-8	6-0	6-0	8-0
Water Cooled Data (Minimum Water Pressure 30 PSIG)				
Water Flow (GPM)	N/A	N/A	N/A	N/A
Water Pressure Drop (PSIG)	N/A	N/A	N/A	N/A
Design Inlet Cooling Water Temperature (°F)	N/A	N/A	N/A	N/A
Max/Min Inlet Cooling Water Temperature (°F)	N/A	N/A	N/A	N/A
Condensing Temperature (°F)	N/A	N/A	N/A	N/A
Inlet/Outlet Water Connection (NPT)	N/A	N/A	N/A	N/A



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Model Name	500HSF	600HSF	700HSF	800HSF
Performance Data				
Conditions	Specified in accordance with ISO 7183, Table 2, A2 100 PSIG / 100°F Inlet / 100°F Ambient / 100% Relative Humidity			
Rated Flow (SCFM)	500	600	700	800
Pressure Drop (PSIG)	2.90	3.00	2.70	2.90
Electrical Data				
Operating kW	5.0	5.0	6.1	6.7
Electrical Supply	230/3/60			
Minimum Circuit Ampacity (amps)	22.10	22.10	24.90	29.40
Maximum Fuse Size (amps)	35.00	35.00	40.00	45.00
Electrical Protection Class	NEMA 1 (Optional NEMA 4)			
Weights & Dimenensions				
Width (in)	42	42	42	42
Depth (in)	40	40	40	40
Height (in)	62	62	62	62
Shipping Weight (lbs)	1105	1275	1320	1415
General Data				
Air Inlet / Outlet Connections (in)	3	3	3	3
Air Connection Type	MPT			
Max Operating Ambient Temp (°F)	113			
Max Operating Inlet Temp (°F)	120			
Min Operating Ambient Temp (°F)	35			
Max Operating Pressure (PSIG)	300			
Sound Level (dBA)	<85			
Condensate Drain Connection	1/4" OD Nylon Tube			
Condenser Airflow (cfm)	1,800	1,800	3,600	3,100
Heat Rejection	39,596	39,596	46,603	52,498
Refrigerant Compressor (HP)	4	4	4.5	5
Refrigerant Type	R404A	R404A	R404A	R404A
Refrigerant Charge (lb-oz)	5-8	6-0	6-0	8-0
Water Cooled Data (Minimum Water Pressure 30 PSIG)				
Water Flow (GPM)	N/A	N/A	N/A	N/A
Water Pressure Drop (PSIG)	N/A	N/A	N/A	N/A
Design Inlet Cooling Water Temperature (°F)	N/A	N/A	N/A	N/A
Max/Min Inlet Cooling Water Temperature (°F)	N/A	N/A	N/A	N/A
Condensing Temperature (°F)	N/A	N/A	N/A	N/A
Inlet/Outlet Water Connection (NPT)	N/A	N/A	N/A	N/A

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Performance Data				
Conditions	Specified in accordance with ISO 7183, Table 2, A2 100 PSIG/100°F Inlet/100°F Ambient/100% Relative Humidity			
Rated Flow (SCFM)	500	600	700	800
Pressure Drop (PSIG)	2.90	3.00	2.70	2.90
Electrical Data				
Operating kW	5.0	5.0	6.1	6.7
Electrical Supply	460/3/60			
Minimum Circuit Ampacity (amps)	9.70	9.60	12.60	12.60
Maximum Fuse Size (amps)	15.00	15.00	20.00	20.00
Electrical Protection Class	NEMA 1 (Optional NEMA 4)			
Weights & Dimenensions				
Width (in)	42	42	42	42
Depth (in)	40	40	40	40
Height (in)	62	62	62	62
Shipping Weight (lbs)	1105	1275	1320	1415
General Data				
Air Inlet / Outlet Connections (in)	3	3	3	3
Air Connection Type	MPT			
Max Operating Ambient Temp (°F)	113			
Max Operating Inlet Temp (°F)	120			
Min Operating Ambient Temp (°F)	35			
Max Operating Pressure (PSIG)	300			
Sound Level (dBA)	<85			
Condensate Drain Connection	1/4" OD Nylon Tube			
Condenser Airflow (cfm)	1,800	1,800	3,600	3,100
Heat Rejection	39,596	39,596	46,603	52,498
Refrigerant Compressor (HP)	4.0	4.0	4.5	5.0
Refrigerant Type	R404A	R404A	R404A	R404A
Refrigerant Charge (lb-oz)	5-8	6-0	6-0	8-0
Water Cooled Data (Minimum Water Pressure 30 PSIG)				
Water Flow (GPM)	N/A	N/A	N/A	N/A
Water Pressure Drop (PSIG)	N/A	N/A	N/A	N/A
Design Inlet Cooling Water Temperature (°F)	N/A	N/A	N/A	N/A
Max/Min Inlet Cooling Water Temperature (°F)	N/A	N/A	N/A	N/A
Condensing Temperature (°F)	N/A	N/A	N/A	N/A
Inlet/Outlet Water Connection (NPT)	N/A	N/A	N/A	N/A

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Performance Data				
Conditions	Specified in accordance with ISO 7183, Table 2, A2 100 PSIG/100°F Inlet/100°F Ambient/100% Relative Humidity			
Rated Flow (SCFM)	500	600	700	800
Pressure Drop (PSIG)	2.90	3.00	2.70	2.90
Electrical Data				
Operating kW	5.0	5.0	6.1	6.7
Electrical Supply	575/3/60			
Minimum Circuit Ampacity (amps)	8.00	7.70	10.10	10.10
Maximum Fuse Size (amps)	12.00	12.00	12.00	12.00
Electrical Protection Class	NEMA 1 (Optional NEMA 4)			
Weights & Dimenensions				
Width (in)	42	42	42	42
Depth (in)	40	40	40	40
Height (in)	62	62	62	62
Shipping Weight (lbs)	1105	1275	1320	1415
General Data				
Air Inlet / Outlet Connections (in)	3	3	3	3
Air Connection Type	MPT			
Max Operating Ambient Temp (°F)	113			
Max Operating Inlet Temp (°F)	120			
Min Operating Ambient Temp (°F)	35			
Max Operating Pressure (PSIG)	300			
Sound Level (dBA)	<85			
Condensate Drain Connection	1/4" OD Nylon Tube			
Condenser Airflow (cfm)	1,800	1,800	3,600	3,100
Heat Rejection	39,596	39,596	46,603	52,498
Refrigerant Compressor (HP)	4.0	4.0	4.5	5.0
Refrigerant Type	R404A	R404A	R404A	R404A
Refrigerant Charge (lb-oz)	5-8	6-0	6-0	8-0
Water Cooled Data (Minimum Water Pressure 30 PSIG)				
Water Flow (GPM)	N/A	N/A	N/A	N/A
Water Pressure Drop (PSIG)	N/A	N/A	N/A	N/A
Design Inlet Cooling Water Temperature (°F)	N/A	N/A	N/A	N/A
Max/Min Inlet Cooling Water Temperature (°F)	N/A	N/A	N/A	N/A
Condensing Temperature (°F)	N/A	N/A	N/A	N/A
Inlet/Outlet Water Connection (NPT)	N/A	N/A	N/A	N/A

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Performance Data				
Conditions	Specified in accordance with ISO 7183, Table 2, A2 100 PSIG/100°F Inlet/100°F Ambient/100% Relative Humidity			
Rated Flow (SCFM)	500	600	700	800
Pressure Drop (PSIG)	2.90	3.00	2.70	2.90
Electrical Data				
Operating kW	5.0	5.0	6.1	6.7
Electrical Supply	220/3/50			
Minimum Circuit Ampacity (amps)	CF	CF	CF	CF
Maximum Fuse Size (amps)	CF	CF	CF	CF
Electrical Protection Class	NEMA 1 (Optional NEMA 4)			
Weights & Dimensions				
Width (in)	42	42	42	42
Depth (in)	40	40	40	40
Height (in)	62	62	62	62
Shipping Weight (lbs)	1105	1275	1320	1415
General Data				
Air Inlet / Outlet Connections (in)	3	3	3	3
Air Connection Type	MPT			
Max Operating Ambient Temp (°F)	113			
Max Operating Inlet Temp (°F)	120			
Min Operating Ambient Temp (°F)	35			
Max Operating Pressure (PSIG)	300			
Sound Level (dBA)	<85			
Condensate Drain Connection	1/4" OD Nylon Tube			
Condenser Airflow (cfm)	1,800	1,800	3,600	3,100
Heat Rejection	CF	CF	CF	CF
Refrigerant Compressor (HP)	CF	CF	CF	CF
Refrigerant Type	R404A	R404A	R404A	R404A
Refrigerant Charge (lb-oz)	5-8	6-0	6-0	8-0
Water Cooled Data (Minimum Water Pressure 30 PSIG)				
Water Flow (GPM)	N/A	N/A	N/A	N/A
Water Pressure Drop (PSIG)	N/A	N/A	N/A	N/A
Design Inlet Cooling Water Temperature (°F)	N/A	N/A	N/A	N/A
Max/Min Inlet Cooling Water Temperature (°F)	N/A	N/A	N/A	N/A
Condensing Temperature (°F)	N/A	N/A	N/A	N/A
Inlet/Outlet Water Connection (NPT)	N/A	N/A	N/A	N/A

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Performance Data				
Conditions	Specified in accordance with ISO 7183, Table 2, A2 100 PSIG/100°F Inlet/100°F Ambient/100% Relative Humidity			
Rated Flow (SCFM)	500	600	700	800
Pressure Drop (PSIG)	2.90	3.00	2.70	2.90
Electrical Data				
Operating kW	5.0	5.0	6.1	6.7
Electrical Supply	380/3/50			
Minimum Circuit Ampacity (amps)	11.80	11.90	12.70	15.40
Maximum Fuse Size (amps)	20.00	20.00	20.00	25.00
Electrical Protection Class	NEMA 1 (Optional NEMA 4)			
Weights & Dimensions				
Width (in)	42	42	42	42
Depth (in)	40	40	40	40
Height (in)	62	62	62	62
Shipping Weight (lbs)	1105	1275	1320	1415
General Data				
Air Inlet / Outlet Connections (in)	3	3	3	3
Air Connection Type	MPT			
Max Operating Ambient Temp (°F)	113			
Max Operating Inlet Temp (°F)	120			
Min Operating Ambient Temp (°F)	35			
Max Operating Pressure (PSIG)	300			
Sound Level (dBA)	<85			
Condensate Drain Connection	1/4" OD Nylon Tube			
Condenser Airflow (cfm)	1,800	1,800	3,600	3,100
Heat Rejection	32,228	32,228	40,797	53,753
Refrigerant Compressor (HP)	4.0	4.0	4.5	6.0
Refrigerant Type	R404A	R404A	R404A	R404A
Refrigerant Charge (lb-oz)	5-8	6-0	6-0	8-0
Water Cooled Data (Minimum Water Pressure 30 PSIG)				
Water Flow (GPM)	N/A	N/A	N/A	N/A
Water Pressure Drop (PSIG)	N/A	N/A	N/A	N/A
Design Inlet Cooling Water Temperature (°F)	N/A	N/A	N/A	N/A
Max/Min Inlet Cooling Water Temperature (°F)	N/A	N/A	N/A	N/A
Condensing Temperature (°F)	N/A	N/A	N/A	N/A
Inlet/Outlet Water Connection (NPT)	N/A	N/A	N/A	N/A

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ZEKS Heatsink™ Cycling Air Dryer 500 to 800 SCFM Water Cooled

Model Name	500HSF	600HSF	700HSF	800HSF
Performance Data				
Conditions	Specified in accordance with ISO 7183, Table 2, A2 100 PSIG/100°F Inlet/100°F Ambient/100% Relative Humidity			
Rated Flow (SCFM)	500	600	700	800
Pressure Drop (PSIG)	2.90	3.00	2.70	2.90
Electrical Data				
Operating kW	3.2	3.2	3.6	4.2
Electrical Supply	208/3/60			
Minimum Circuit Ampacity (amps)	19.60	CF	CF	CF
Maximum Fuse Size (amps)	35.00	CF	CF	CF
Electrical Protection Class	NEMA 1 (Optional NEMA 4)			
Weights & Dimenensions				
Width (in)	42	42	42	42
Depth (in)	40	40	40	40
Height (in)	62	62	62	62
Shipping Weight (lbs)	1120	1270	1300	1300
General Data				
Air Inlet / Outlet Connections (in)	3	3	3	3
Air Connection Type	MPT			
Max Operating Ambient Temp (°F)	113			
Max Operating Inlet Temp (°F)	120			
Min Operating Ambient Temp (°F)	35			
Max Operating Pressure (PSIG)	300			
Sound Level (dBA)	<75			
Condensate Drain Connection	1/4" OD Nylon Tube			
Condenser Airflow (cfm)	N/A	N/A	N/A	N/A
Heat Rejection	52,016	52,016	59,121	67,875
Refrigerant Compressor (HP)	4	4	4.5	5
Refrigerant Type	R404A	R404A	R404A	R404A
Refrigerant Charge (lb-oz)	5-8	6-0	7-0	7-0
Water Cooled Data (Minimum Water Pressure 30 PSIG)				
Water Flow (GPM)	10	10	12	13
Water Pressure Drop (PSIG)	23-28	23-28	10-15	15-20
Design Inlet Cooling Water Temperature (°F)	85	85	85	85
Max/Min Inlet Cooling Water Temperature (°F)	85 / 55	85 / 55	85 / 55	85 / 55
Condensing Temperature (°F)	105	105	105	105
Inlet/Outlet Water Connection (NPT)	3/4" - 1/2" FPT	3/4" - 1/2" FPT	3/4"	3/4"

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Model Name	500HSF	600HSF	700HSF	800HSF
Performance Data				
Conditions	Specified in accordance with ISO 7183, Table 2, A2 100 PSIG/100°F Inlet/100°F Ambient/100% Relative Humidity			
Rated Flow (SCFM)	500	600	700	800
Pressure Drop (PSIG)	2.90	3.00	2.70	2.90
Electrical Data				
Operating kW	3.2	3.2	3.6	4.2
Electrical Supply	230/3/60			
Minimum Circuit Ampacity (amps)	20.20	CF	CF	CF
Maximum Fuse Size (amps)	35.00	CF	CF	CF
Electrical Protection Class	NEMA 1 (Optional NEMA 4)			
Weights & Dimensions				
Width (in)	42	42	42	42
Depth (in)	40	40	40	40
Height (in)	62	62	62	62
Shipping Weight (lbs)	1120	1270	1300	1300
General Data				
Air Inlet / Outlet Connections (in)	3	3	3	3
Air Connection Type	MPT			
Max Operating Ambient Temp (°F)	113			
Max Operating Inlet Temp (°F)	120			
Min Operating Ambient Temp (°F)	35			
Max Operating Pressure (PSIG)	300			
Sound Level (dBA)	<75			
Condensate Drain Connection	1/4" OD Nylon Tube			
Condenser Airflow (cfm)	N/A	N/A	N/A	N/A
Heat Rejection	52,016	52,016	59,121	67,875
Refrigerant Compressor (HP)	4	CF	CF	CF
Refrigerant Type	R404A	R404A	R404A	R404A
Refrigerant Charge (lb-oz)	5-8	6-0	7-0	7-0
Water Cooled Data (Minimum Water Pressure 30 PSIG)				
Water Flow (GPM)	10	10	12	13
Water Pressure Drop (PSIG)	23-28	23-28	10-15	15-20
Design Inlet Cooling Water Temperature (°F)	85	85	85	85
Max/Min Inlet Cooling Water Temperature (°F)	85 / 55	85 / 55	85 / 55	85 / 55
Condensing Temperature (°F)	105	105	105	105
Inlet/Outlet Water Connection (NPT)	3/4" - 1/2" FPT	3/4" - 1/2" FPT	3/4"	3/4"

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Model Name	500HSF	600HSF	700HSF	800HSF
Performance Data				
Conditions	Specified in accordance with ISO 7183, Table 2, A2 100 PSIG/100°F Inlet/100°F Ambient/100% Relative Humidity			
Rated Flow (SCFM)	500	600	700	800
Pressure Drop (PSIG)	2.90	3.00	2.70	2.90
Electrical Data				
Operating kW	3.2	3.2	3.6	4.2
Electrical Supply	460/3/60			
Minimum Circuit Ampacity (amps)	8.90	8.80	11.00	11.00
Maximum Fuse Size (amps)	15.00	15.00	15.00	15.00
Electrical Protection Class	NEMA 1 (Optional NEMA 4)			
Weights & Dimensions				
Width (in)	42	42	42	42
Depth (in)	40	40	40	40
Height (in)	62	62	62	62
Shipping Weight (lbs)	1120	1270	1300	1300
General Data				
Air Inlet / Outlet Connections (in)	3	3	3	3
Air Connection Type	MPT			
Max Operating Ambient Temp (°F)	113			
Max Operating Inlet Temp (°F)	120			
Min Operating Ambient Temp (°F)	35			
Max Operating Pressure (PSIG)	300			
Sound Level (dBA)	<75			
Condensate Drain Connection	1/4" OD Nylon Tube			
Condenser Airflow (cfm)	N/A	N/A	N/A	N/A
Heat Rejection	52,016	52,016	59,121	67,875
Refrigerant Compressor (HP)	4.0	4.0	4.5	5.0
Refrigerant Type	R404A	R404A	R404A	R404A
Refrigerant Charge (lb-oz)	5-8	6-0	7-0	7-0
Water Cooled Data (Minimum Water Pressure 30 PSIG)				
Water Flow (GPM)	10	10	12	13
Water Pressure Drop (PSIG)	23-28	23-28	10-15	15-20
Design Inlet Cooling Water Temperature (°F)	85	85	85	85
Max/Min Inlet Cooling Water Temperature (°F)	85 / 55	85 / 55	85 / 55	85 / 55
Condensing Temperature (°F)	105	105	105	105
Inlet/Outlet Water Connection (NPT)	3/4" - 1/2" FPT	3/4" - 1/2" FPT	3/4"	3/4"

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Performance Data				
Conditions	Specified in accordance with ISO 7183, Table 2, A2 100 PSIG / 100°F Inlet / 100°F Ambient / 100% Relative Humidity			
Rated Flow (SCFM)	500	600	700	800
Pressure Drop (PSIG)	2.90	3.00	2.70	2.90
Electrical Data				
Operating kW	3.2	3.2	3.6	4.2
Electrical Supply	575/3/60			
Minimum Circuit Ampacity (amps)	CF	7.10	CF	8.80
Maximum Fuse Size (amps)	CF	12.00	CF	15.00
Electrical Protection Class	NEMA 1 (Optional NEMA 4)			
Weights & Dimenensions				
Width (in)	42	42	42	42
Depth (in)	40	40	40	40
Height (in)	62	62	62	62
Shipping Weight (lbs)	1120	1270	1300	1300
General Data				
Air Inlet / Outlet Connections (in)	3	3	3	3
Air Connection Type	MPT			
Max Operating Ambient Temp (°F)	113			
Max Operating Inlet Temp (°F)	120			
Min Operating Ambient Temp (°F)	35			
Max Operating Pressure (PSIG)	300			
Sound Level (dBA)	<75			
Condensate Drain Connection	1/4" OD Nylon Tube			
Condenser Airflow (cfm)	N/A	N/A	N/A	N/A
Heat Rejection	52,016	52,016	59,121	67,875
Refrigerant Compressor (HP)	4.0	4.0	4.5	5.0
Refrigerant Type	R404A	R404A	R404A	R404A
Refrigerant Charge (lb-oz)	5-8	6-0	7-0	7-0
Water Cooled Data (Minimum Water Pressure 30 PSIG)				
Water Flow (GPM)	10	10	12	13
Water Pressure Drop (PSIG)	23-28	23-28	10-15	15-20
Design Inlet Cooling Water Temperature (°F)	85	85	85	85
Max/Min Inlet Cooling Water Temperature (°F)	85 / 55	85 / 55	85 / 55	85 / 55
Condensing Temperature (°F)	105	105	105	105
Inlet/Outlet Water Connection (NPT)	3/4" - 1/2" FPT	3/4" - 1/2" FPT	3/4"	3/4"

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Performance Data				
Conditions	Specified in accordance with ISO 7183, Table 2, A2 100 PSIG/100°F Inlet/100°F Ambient/100% Relative Humidity			
Rated Flow (SCFM)	500	600	700	800
Pressure Drop (PSIG)	2.90	3.00	2.70	2.90
Electrical Data				
Operating kW	3.2	3.2	3.6	4.2
Electrical Supply	220/3/50			
Minimum Circuit Ampacity (amps)	CF	CF	CF	CF
Maximum Fuse Size (amps)	CF	CF	CF	CF
Electrical Protection Class	NEMA 1 (Optional NEMA 4)			
Weights & Dimensions				
Width (in)	42	42	42	42
Depth (in)	40	40	40	40
Height (in)	62	62	62	62
Shipping Weight (lbs)	1120	1270	1300	1300
General Data				
Air Inlet / Outlet Connections (in)	3	3	3	3
Air Connection Type	MPT			
Max Operating Ambient Temp (°F)	113			
Max Operating Inlet Temp (°F)	120			
Min Operating Ambient Temp (°F)	35			
Max Operating Pressure (PSIG)	300			
Sound Level (dBA)	<75			
Condensate Drain Connection	1/4" OD Nylon Tube			
Condenser Airflow (cfm)	N/A	N/A	N/A	N/A
Heat Rejection	CF	CF	CF	CF
Refrigerant Compressor (HP)	CF	CF	CF	CF
Refrigerant Type	R404A	R404A	R404A	R404A
Refrigerant Charge (lb-oz)	5-8	6-0	7-0	7-0
Water Cooled Data (Minimum Water Pressure 30 PSIG)				
Water Flow (GPM)	10	10	12	13
Water Pressure Drop (PSIG)	23-28	23-28	10-15	15-20
Design Inlet Cooling Water Temperature (°F)	85	85	85	85
Max/Min Inlet Cooling Water Temperature (°F)	85 / 55	85 / 55	85 / 55	85 / 55
Condensing Temperature (°F)	105	105	105	105
Inlet/Outlet Water Connection (NPT)	3/4" - 1/2" FPT	3/4" - 1/2" FPT	3/4"	3/4"

ENGINEERING DATA

Website: www.zeks.com
Date: October 1, 2014

1302 Goshen Parkway
West Chester, PA 19380

ZEKS Heatsink™ Cycling Air Dryer 500 to 800 SCFM Water Cooled

Model Name	500HSF	600HSF	700HSF	800HSF
Performance Data				
Conditions	Specified in accordance with ISO 7183, Table 2, A2 100 PSIG/100°F Inlet/100°F Ambient/100% Relative Humidity			
Rated Flow (SCFM)	500	600	700	800
Pressure Drop (PSIG)	2.90	3.00	2.70	2.90
Electrical Data				
Operating kW	3.2	3.2	3.6	4.2
Electrical Supply	380/3/50			
Minimum Circuit Ampacity (amps)	CF	CF	CF	CF
Maximum Fuse Size (amps)	CF	CF	CF	CF
Electrical Protection Class	NEMA 1 (Optional NEMA 4)			
Weights & Dimensions				
Width (in)	42	42	42	42
Depth (in)	40	40	40	40
Height (in)	62	62	62	62
Shipping Weight (lbs)	1120	1270	1300	1300
General Data				
Air Inlet / Outlet Connections (in)	3	3	3	3
Air Connection Type	MPT			
Max Operating Ambient Temp (°F)	113			
Max Operating Inlet Temp (°F)	120			
Min Operating Ambient Temp (°F)	35			
Max Operating Pressure (PSIG)	300			
Sound Level (dBA)	<75			
Condensate Drain Connection	1/4" OD Nylon Tube			
Condenser Airflow (cfm)	N/A	N/A	N/A	N/A
Heat Rejection	CF	CF	CF	CF
Refrigerant Compressor (HP)	CF	CF	CF	CF
Refrigerant Type	R404A	R404A	R404A	R404A
Refrigerant Charge (lb-oz)	5-8	6-0	7-0	7-0
Water Cooled Data (Minimum Water Pressure 30 PSIG)				
Water Flow (GPM)	10	10	12	13
Water Pressure Drop (PSIG)	23-28	23-28	10-15	15-20
Design Inlet Cooling Water Temperature (°F)	85	85	85	85
Max/Min Inlet Cooling Water Temperature (°F)	85 / 55	85 / 55	85 / 55	85 / 55
Condensing Temperature (°F)	105	105	105	105
Inlet/Outlet Water Connection (NPT)	3/4" - 1/2" FPT	3/4" - 1/2" FPT	3/4"	3/4"