

Engineering Data ATT 060W - Water Cooled

PERFORMANCE DATA		
Pressure Dew Point (°C)		-40
Inlet Airflow Capacity (m³/h FAD 20°C)		360
Outlet Airflow Capacity (m³/h FAD 20°C)		342
Air Pressure Drop (bar)		0,52
Purge Airflow (m³/h FAD 20°C)		18
Medium Purge Airflow (m³/h FAD 20°C)		14,2
Air Temperature at Dryer Outlet (°C)		25
Compressor Absorbed Power (kW)		0,9
Condenser Heat Rejected (kW)		3,9
Electrical heater Adsorbed Power (kW)		0,91
REFERENCE DATA		
Working Pressure (bar g)		7
Inlet Air Temperature (°C)		35
Ambient Temperature (°C)		25
Relative Humidity (%)		60
GENERAL DATA		
Water Flow (m³/h)		0,4
Condensing Temperature (°C)		40
Max / Min Inlet Condenser Water Temperature (°C)		48/10
Maximum Operating Pressure (bar g)		12
Sound Pressure Level (dBA) (1 m free field)*		< 75
Refrigerant Type		R407c
Fridge Compressor Type / n°		Hermetic Pistons / 1
Refrigerant Quantity (kg)		n.a.
Capacity Control		Hot Gas by-pass
Expansion System		Capillary Tube
Air-to-air and Air-to-refrigerant Heat Exchanger		Aluminium Plate in Vessel
Dessicant Material Type		Silical Gel WS
Total Dessicant Material Quantity (kg)		16
Prefilter-Oil Filter-Dust Filter		GL11ZL-GL11XL-GL11ZL
Drain Type		Integral Timed
PIPING CONNECTIONS		
Air Inlet / Outlet		1 1/2" BSP-T
Water Connections Inlet / Outlet		3/8" BSP-F
Condensate Drain Outlet**		3/8" BSP-F
DIMENSIONS + WEIGHT		
Width (mm)		806
Height (mm)		1316
Depth (mm)		1416
Weight (kg)		295
ELECTRICAL DATA		
Electrical Supply (+/- 10%) (AC)		230V/1ph/50Hz
L.R.A. Current (Amps)		30
F.L.A. Current (Amps)		13,26
Total Installed Power (kW)		2,8
Control Type		Microprocessor
Electrical Protection Class (Std.)		IP44

PERFORMANCE IN ACCORDANCE WITH ISO 7183
*Sound pressure level in accordance with ISO 3746

Operating limits:
Max / Min Ambient Temperature (°C): 50 / 5
Max / Min Air Inlet Temperature (°C): 65/5

Engineering Data ATT 090W - Water Cooled

PERFORMANCE DATA		
Pressure Dew Point (°C)	-40	
Inlet Airflow Capacity (m³/h FAD 20°C)	540	
Outlet Airflow Capacity (m³/h FAD 20°C)	513	
Air Pressure Drop (bar)	0,68	
Purge Airflow (m³/h FAD 20°C)	27	
Medium Purge Airflow (m³/h FAD 20°C)	16,4	
Air Temperature at Dryer Outlet (°C)	27	
Compressor Absorbed Power (kW)	1,38	
Condenser Heat Rejected (kW)	5,0	
Electrical heater Adsorbed Power (kW)	1,36	
REFERENCE DATA		
Working Pressure (bar g)	7	
Inlet Air Temperature (°C)	35	
Ambient Temperature (°C)	25	
Relative Humidity (%)	60	
GENERAL DATA		
Water Flow (m³/h)	0,5	
Condensing Temperature (°C)	40	
Max / Min Inlet Condenser Water Temperature (°C)	48/10	
Maximum Operating Pressure (bar g)	12	
Sound Pressure Level (dBA) (1 m free field)*	< 75	
Refrigerant Type	R407c	
Fridge Compressor Type / n°	Hermetic Pistons / 1	
Refrigerant Quantity (kg)	n.a.	
Capacity Control	Hot Gas by-pass	
Expansion System	Capillary Tube	
Air-to-air and Air-to-refrigerant Heat Exchanger	Aluminium Plate in Vessel	
Dessicant Material Type	Silical Gel WS	
Total Dessicant Material Quantity (kg)	22	
Prefilter-Oil Filter-Dust Filter	GL12ZL-GL12XL-GL12ZL	
Drain Type	Integral Timed	
PIPING CONNECTIONS		
Air Inlet / Outlet	1 1/2" BSP-T	
Water Connections Inlet / Outlet	3/8" BSP-F	
Condensate Drain Outlet**	3/8" BSP-F	
DIMENSIONS + WEIGHT		
Width (mm)	806	
Height (mm)	1316	
Depth (mm)	1416	
Weight (kg)	335	
ELECTRICAL DATA		
Electrical Supply (+/- 10%) (AC)	230V/1ph/50Hz	400V/3ph/50Hz
L.R.A. Current (Amps)	43	20
F.L.A. Current (Amps)	20,9	8,08
Total Installed Power (kW)	4,48	4,84
Control Type	Microprocessor	
Electrical Protection Class (Std.)	IP44	IP44

PERFORMANCE IN ACCORDANCE WITH ISO 7183
*Sound pressure level in accordance with ISO 3746

Operating limits:
Max / Min Ambient Temperature (°C): 50 / 5
Max / Min Air Inlet Temperature (°C): 65/5

Engineering Data ATT 140W - Water Cooled

PERFORMANCE DATA	
Pressure Dew Point (°C)	-40
Inlet Airflow Capacity (m³/h FAD 20°C)	840
Outlet Airflow Capacity (m³/h FAD 20°C)	798
Air Pressure Drop (bar)	0,53
Purge Airflow (m³/h FAD 20°C)	42
Medium Purge Airflow (m³/h FAD 20°C)	25,6
Air Temperature at Dryer Outlet (°C)	24
Compressor Absorbed Power (kW)	1,1
Condenser Heat Rejected (kW)	6,7
Electrical heater Adsorbed Power (kW)	2,11
REFERENCE DATA	
Working Pressure (bar g)	7
Inlet Air Temperature (°C)	35
Ambient Temperature (°C)	25
Relative Humidity (%)	60
GENERAL DATA	
Water Flow (m³/h)	0,6
Condensing Temperature (°C)	40
Max / Min Inlet Condenser Water Temperature (°C)	48/10
Maximum Operating Pressure (bar g)	12
Sound Pressure Level (dBA) (1 m free field)*	< 75
Refrigerant Type	R407c
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (kg)	n.a.
Capacity Control	Hot Gas by-pass
Expansion System	Capillary Tube
Air-to-air and Air-to-refrigerant Heat Exchanger	Aluminium Plate in Vessel
Dessicant Material Type	Silical Gel WS
Total Dessicant Material Quantity (kg)	36
Prefilter-Oil Filter-Dust Filter	GL14ZL-GL14XL-GL14ZL
Drain Type	Integral Electronic Capacitive
PIPING CONNECTIONS	
Air Inlet / Outlet	2" BSP-T
Water Connections Inlet / Outlet	3/8" BSP-F
Condensate Drain Outlet**	3/8" BSP-F
DIMENSIONS + WEIGHT	
Width (mm)	1007
Height (mm)	1586
Depth (mm)	1345
Weight (kg)	490
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	400V/3ph/50Hz
L.R.A. Current (Amps)	45
F.L.A. Current (Amps)	9,46
Total Installed Power (kW)	8,04
Control Type	Microprocessor
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ISO 7183
*Sound pressure level in accordance with ISO 3746

Operating limits:
Max / Min Ambient Temperature (°C): 50 / 5
Max / Min Air Inlet Temperature (°C): 65/5

Engineering Data ATT 260W - Water Cooled

PERFORMANCE DATA	
Pressure Dew Point (°C)	-40
Inlet Airflow Capacity (m³/h FAD 20°C)	1560
Outlet Airflow Capacity (m³/h FAD 20°C)	1482
Air Pressure Drop (bar)	0,55
Purge Airflow (m³/h FAD 20°C)	78
Medium Purge Airflow (m³/h FAD 20°C)	47,5
Air Temperature at Dryer Outlet (°C)	27
Compressor Absorbed Power (kW)	2,41
Condenser Heat Rejected (kW)	13,5
Electrical heater Adsorbed Power (kW)	3,92
REFERENCE DATA	
Working Pressure (bar g)	7
Inlet Air Temperature (°C)	35
Ambient Temperature (°C)	25
Relative Humidity (%)	60
GENERAL DATA	
Water Flow (m³/h)	0,9
Condensing Temperature (°C)	40
Max / Min Inlet Condenser Water Temperature (°C)	48/10
Maximum Operating Pressure (bar g)	12
Sound Pressure Level (dBA) (1 m free field)*	< 75
Refrigerant Type	R407c
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (kg)	3,00
Capacity Control	Hot Gas by-pass
Expansion System	Capillary Tube
Air-to-air and Air-to-refrigerant Heat Exchanger	Aluminium Plate in Vessel
Dessicant Material Type	Silical Gel WS
Total Dessicant Material Quantity (kg)	68
Prefilter-Oil Filter-Dust Filter	GL19ZL-GL19XL-GL19ZL
Drain Type	Integral Electronic Capacitive
PIPING CONNECTIONS	
Air Inlet / Outlet	2 1/2" BSP-F
Water Connections Inlet / Outlet	3/8" BSP-F
Condensate Drain Outlet**	3/8" BSP-F
DIMENSIONS + WEIGHT	
Width (mm)	1007
Height (mm)	1720
Depth (mm)	2535
Weight (kg)	880
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	400V/3ph/50Hz
L.R.A. Current (Amps)	50
F.L.A. Current (Amps)	20,45
Total Installed Power (kW)	12,89
Control Type	Microprocessor
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ISO 7183
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Operating limits:
Max / Min Ambient Temperature (°C): 50 / 5
Max / Min Air Inlet Temperature (°C): 65/5

Engineering Data ATT 340W - Water Cooled

PERFORMANCE DATA	
Pressure Dew Point (°C)	-40
Inlet Airflow Capacity (m³/h FAD 20°C)	2040
Outlet Airflow Capacity (m³/h FAD 20°C)	1938
Air Pressure Drop (bar)	0,57
Purge Airflow (m³/h FAD 20°C)	102
Medium Purge Airflow (m³/h FAD 20°C)	62
Air Temperature at Dryer Outlet (°C)	24
Compressor Absorbed Power (kW)	3,1
Condenser Heat Rejected (kW)	16,2
Electrical heater Adsorbed Power (kW)	5,13
REFERENCE DATA	
Working Pressure (bar g)	7
Inlet Air Temperature (°C)	35
Ambient Temperature (°C)	25
Relative Humidity (%)	60
GENERAL DATA	
Water Flow (m³/h)	1,05
Condensing Temperature (°C)	40
Max / Min Inlet Condenser Water Temperature (°C)	48/10
Maximum Operating Pressure (bar g)	12
Sound Pressure Level (dBA) (1 m free field)*	< 75
Refrigerant Type	R407c
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (kg)	3,1
Capacity Control	Hot Gas by-pass
Expansion System	Capillary Tube
Air-to-air and Air-to-refrigerant Heat Exchanger	Aluminium Plate in Vessel
Dessicant Material Type	Silical Gel WS
Total Dessicant Material Quantity (kg)	86
Prefilter-Oil Filter-Dust Filter	GL19ZL-GL19XL-GL19ZL
Drain Type	Integral Electronic Capacitive
PIPING CONNECTIONS	
Air Inlet / Outlet	2 1/2" BSP-F
Water Connections Inlet / Outlet	3/8" BSP-F
Condensate Drain Outlet**	3/8" BSP-F
DIMENSIONS + WEIGHT	
Width (mm)	1007
Height (mm)	1720
Depth (mm)	2535
Weight (kg)	950
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	400V/3ph/50Hz
L.R.A. Current (Amps)	70
F.L.A. Current (Amps)	20,25
Total Installed Power (kW)	13,29
Control Type	Microprocessor
Electrical Protection Class (Std.)	IP44

PERFORMANCE IN ACCORDANCE WITH ISO 7183
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Operating limits:
Max / Min Ambient Temperature (°C): 50 / 5
Max / Min Air Inlet Temperature (°C): 65/5