

Engineering Data ATT+ 060 Air cooled 50Hz

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)	0,42
Purge Airflow (m³/h FAD 20°C)	18
Average Purge Airflow (m³/h FAD 20°C)	10,8
Air Temperature at Dryer Outlet (°C)	25
Fridge Absorbed power (kW)	1,4
Condenser Heat Rejected (kW)	3,7
Average Electrical Heater Absorbed Power (kW)	0,5
REFERENCE DATA	
Working Pressure (bar g)	7
Inlet Air Temperature (°C)	35
Ambient Temperature (°C)	25
Relative Humidity (%)	100
GENERAL DATA	
Cond. Airflow (m³/h) / n.° of fans	1295 / 1
Maximum Operating Pressure (bar g)	12
Sound Pressure Level (dBA) (1 m free field)*	<75
Refrigerant Type	R513A (GWP 573)
Fridge Compressor Type / n°	Hermetic Piston / 1
Refrigerant Quantity (kg) / tons CO2	1,7 / 0,97
Capacity Control	Hot Gas bypass
Expansion System	Capillary tube
Air-to-air Heat Exchanger	Aluminum Plate Fins
Air-to-refrigerant Heat Exchanger	Aluminum Plate Fins
Desiccant Material Type	Silica Gel WS
Total Desiccant Material Quantity (kg)	16
Prefilter-Oil Filter-Dust Filter	AOPX030G - AAPX030G - AOPX030G
Drain Type	Integral Electronic Capacitive
PIPING CONNECTION	
Air Inlet / Outlet	1 ½" BSPP-F
Condensate Drain Outlet	1/2" BSPP-F
DIMENSIONS + WEIGHT (with filters)	
Width (mm)	973
Height (mm)	1900
Depth (mm)	1312
Weight (kg)	380
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	230V / 1ph / 50Hz
L.R.A. Current (Amps)	40
F.L.A. Current (Amps)	19,4
Total Installed Power (kW)	4,6
Control Type	Microprocessor Touch
Fieldbus	Modbus RTU RS485 – TCP/IP RJ45
Electrical Protection Class (Std.)	IP54 (Electrical Panel)

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+ 090 Air cooled 50Hz

PERFORMANCE DATA	
Pressure Dew Point (°C)	-40
Inlet Airflow Capacity (m ³ /h FAD 20°C)	540
Outlet Airflow Capacity (m ³ /h FAD 20°C)	513
Air Pressure Drop (bar)	0,54
Purge Airflow (m ³ /h FAD 20°C)	27
Average Purge Airflow (m ³ /h FAD 20°C)	16,2
Air Temperature at Dryer Outlet (°C)	26
Fridge Absorbed power (kW)	1,5
Condenser Heat Rejected (kW)	3,8
Average Electrical Heater Absorbed Power (kW)	0,8
REFERENCE DATA	
Working Pressure (bar g)	7
Inlet Air Temperature (°C)	35
Ambient Temperature (°C)	25
Relative Humidity (%)	100
GENERAL DATA	
Cond. Airflow (m ³ /h) / n.° of fans	1295 / 1
Maximum Operating Pressure (bar g)	12
Sound Pressure Level (dBA) (1 m free field)*	<75
Refrigerant Type	R513A (GWP 573)
Fridge Compressor Type / n°	Hermetic Piston / 1
Refrigerant Quantity (kg) / tons CO2	1,7 / 0,97
Capacity Control	Hot Gas bypass
Expansion System	Capillary tube
Air-to-air Heat Exchanger	Aluminum Plate Fins
Air-to-refrigerant Heat Exchanger	Aluminum Plate Fins
Desiccant Material Type	Silica Gel WS
Total Desiccant Material Quantity (kg)	22
Pre-filter-Oil Filter-Dust Filter	AOPX035G - AAPX035G - AOPX035G
Drain Type	Integral Electronic Capacitive
PIPING CONNECTION	
Air Inlet / Outlet	1 ½" BSPP-F
Condensate Drain Outlet	1/2" BSPP-F
DIMENSIONS + WEIGHT (with filters)	
Width (mm)	973
Height (mm)	1900
Depth (mm)	1312
Weight (kg)	420
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	230V / 1ph / 50Hz
L.R.A. Current (Amps)	40
F.L.A. Current (Amps)	19,4
Total Installed Power (kW)	4,6
Control Type	Microprocessor Touch
Fieldbus	Modbus RTU RS485 – TCP/IP RJ45
Electrical Protection Class (Std.)	IP54 (Electrical Panel)

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+ 140 Air cooled 50Hz

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)	0,7
Purge Airflow (m³/h FAD 20°C)	42
Average Purge Airflow (m³/h FAD 20°C)	25,2
Air Temperature at Dryer Outlet (°C)	24
Fridge Absorbed power (kW)	1,5
Condenser Heat Rejected (kW)	6,6
Average Electrical Heater Absorbed Power (kW)	1,1
REFERENCE DATA	
Working Pressure (bar g)	7
Inlet Air Temperature (°C)	35
Ambient Temperature (°C)	25
Relative Humidity (%)	100
GENERAL DATA	
Cond. Airflow (m³/h) / n.° of fans	2000 / 1
Maximum Operating Pressure (bar g)	12
Sound Pressure Level (dBA) (1 m free field)*	<75
Refrigerant Type	R513A (GWP 573)
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (kg) / tons CO2	2 / 1,15
Capacity Control	Hot Gas bypass
Expansion System	Capillary tube
Air-to-air Heat Exchanger	Aluminum Plate Fins
Air-to-refrigerant Heat Exchanger	Aluminum Plate Fins
Desiccant Material Type	Silica Gel WS
Total Desiccant Material Quantity (kg)	36
Prefilter-Oil Filter-Dust Filter	AOPX045I - AAPX045I - AOPX045I
Drain Type	Integral Electronic Capacitive
PIPING CONNECTION	
Air Inlet / Outlet	2" BSPP-F
Condensate Drain Outlet	1/2" BSPP-F
DIMENSIONS + WEIGHT (with filters)	
Width (mm)	1180
Height (mm)	2030
Depth (mm)	1974
Weight (kg)	650
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	400V / 3ph / 50Hz
L.R.A. Current (Amps)	45
F.L.A. Current (Amps)	13,5
Total Installed Power (kW)	7,2
Control Type	Microprocessor Touch
Fieldbus	Modbus RTU RS485 – TCP/IP RJ45
Electrical Protection Class (Std.)	IP54 (Electrical Panel)

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+ 260 Air cooled 50Hz

PERFORMANCE DATA	
Pressure Dew Point (°C)	-40
Inlet Airflow Capacity (m ³ /h FAD 20°C)	1560
Outlet Airflow Capacity (m ³ /h FAD 20°C)	1482
Air Pressure Drop (bar)	0,3
Purge Airflow (m ³ /h FAD 20°C)	78
Average Purge Airflow (m ³ /h FAD 20°C)	46,8
Air Temperature at Dryer Outlet (°C)	27
Fridge Absorbed power (kW)	2,5
Condenser Heat Rejected (kW)	11,1
Average Electrical Heater Absorbed Power (kW)	1,7
REFERENCE DATA	
Working Pressure (bar g)	7
Inlet Air Temperature (°C)	35
Ambient Temperature (°C)	25
Relative Humidity (%)	100
GENERAL DATA	
Cond. Airflow (m ³ /h) / n.° of fans	5000 / 1
Maximum Operating Pressure (bar g)	12
Sound Pressure Level (dBA) (1 m free field)*	<75
Refrigerant Type	R513A (GWP 573)
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (kg) / tons CO2	2,2 / 1,26
Capacity Control	Hot Gas bypass
Expansion System	Capillary tube
Air-to-air Heat Exchanger	Aluminum Plate Fins
Air-to-refrigerant Heat Exchanger	Aluminum Plate Fins
Desiccant Material Type	Silica Gel WS
Total Desiccant Material Quantity (kg)	68
Prefilter-Oil Filter-Dust Filter	AOPX055J - AAPX055J - AOPX055J
Drain Type	Integral Electronic Capacitive
PIPING CONNECTION	
Air Inlet / Outlet	2 1/2" BSPP-F
Condensate Drain Outlet	1/2" BSPP-F
DIMENSIONS + WEIGHT (with filters)	
Width (mm)	1205
Height (mm)	2030
Depth (mm)	1974
Weight (kg)	920
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	400V / 3ph / 50Hz
L.R.A. Current (Amps)	70
F.L.A. Current (Amps)	23,2
Total Installed Power (kW)	13,1
Control Type	Microprocessor Touch
Fieldbus	Modbus RTU RS485 – TCP/IP RJ45
Electrical Protection Class (Std.)	IP54 (Electrical Panel)

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+ 340 Air cooled 50Hz

PERFORMANCE DATA	
Pressure Dew Point (°C)	-40
Inlet Airflow Capacity (m ³ /h FAD 20°C)	2040
Outlet Airflow Capacity (m ³ /h FAD 20°C)	1938
Air Pressure Drop (bar)	0,68
Purge Airflow (m ³ /h FAD 20°C)	102
Average Purge Airflow (m ³ /h FAD 20°C)	61,2
Air Temperature at Dryer Outlet (°C)	24
Fridge Absorbed power (kW)	3,7
Condenser Heat Rejected (kW)	15,8
Average Electrical Heater Absorbed Power (kW)	1,9
REFERENCE DATA	
Working Pressure (bar g)	7
Inlet Air Temperature (°C)	35
Ambient Temperature (°C)	25
Relative Humidity (%)	100
GENERAL DATA	
Cond. Airflow (m ³ /h) / n.° of fans	5000 / 1
Maximum Operating Pressure (bar g)	12
Sound Pressure Level (dBA) (1 m free field)*	<75
Refrigerant Type	R513A (GWP 573)
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (kg) / tons CO2	2,4 / 1,38
Capacity Control	Hot Gas bypass
Expansion System	Capillary tube
Air-to-air Heat Exchanger	Aluminum Plate Fins
Air-to-refrigerant Heat Exchanger	Aluminum Plate Fins
Desiccant Material Type	Silica Gel WS
Total Desiccant Material Quantity (kg)	86
Pre-filter-Oil Filter-Dust Filter	AOPX055J - AAPX055J - AOPX055J
Drain Type	Integral Electronic Capacitive
PIPING CONNECTION	
Air Inlet / Outlet	2 1/2" BSPP-F
Condensate Drain Outlet	1/2" BSPP-F
DIMENSIONS + WEIGHT (with filters)	
Width (mm)	1205
Height (mm)	2030
Depth (mm)	1974
Weight (kg)	960
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	400V / 3ph / 50Hz
L.R.A. Current (Amps)	95
F.L.A. Current (Amps)	26,42
Total Installed Power (kW)	14,9
Control Type	Microprocessor Touch
Fieldbus	Modbus RTU RS485 – TCP/IP RJ45
Electrical Protection Class (Std.)	IP54 (Electrical Panel)

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