

Engineering Data ATT040 - Air Cooled

PERFORMANCE DATA	
Pressure Dew Point (°C)	-40
Inlet Airflow Capacity (m³/h FAD 20°C)	240
Outlet Airflow Capacity (m³/h FAD 20°C)	228
Air Pressure Drop (bar)	0,52
Purge Airflow (m³/h FAD 20°C)	12
Medium Purge Airflow (m³/h FAD 20°C)	7,3
Air Temperature at Dryer Outlet (°C)	25
Compressor Absorbed Power (kW)	1,05
Condenser Heat Rejected (kW)	3,5
Electrical heater Adsorbed Power (kW)	0,60
REFERENCE DATA	
Working Pressure (bar g)	7
Inlet Air Temperature (°C)	35
Ambient Temperature (°C)	25
Relative Humidity (%)	60
GENERAL DATA	
Condenser Airflow (m³/h) / number of fans	1100 / 2
Maximum Operating Pressure (bar g)	16
Sound Pressure Level (dBA) (1 m free field)*	< 75
Refrigerant Type	R134A
Fridge Compressor Type / n°	Hermetic Pistons / 1
Refrigerant Quantity (kg)	1,03
Capacity Control	Hot Gas by-pass
Expansion System	Capillary Tube
Air-to-air and Air-to-refrigerant Heat Exchanger	Stainless Steel and Copper Plate Exchanger
Dessicant Material Type	Silical Gel WS
Total Dessicant Material Quantity (kg)	8,6
Prefilter-Oil Filter-Dust Filter	GL11ZLP-GL11XLP-GL11ZLP
Drain Type	Integral Timed
PIPING CONNECTIONS	
Air Inlet / Outlet	1" BSP-T
Condensate Drain Outlet**	1/2" BSP-F
DIMENSIONS + WEIGHT	
Width (mm)	706
Height (mm)	1064
Depth (mm)	1246
Weight (kg)	200
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	230V/1ph/50Hz
L.R.A. Current (Amps)	36,2
F.L.A. Current (Amps)	13,28
Total Installed Power (kW)	2,9
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 060 - Air 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	
Condenser Airflow (m³/h) / number of fans	2830 / 1
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)	1,45
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	GL11ZLP-GL11XLP-GL11ZLP
Drain Type	Integral Timed
PIPING CONNECTIONS	
Air Inlet / Outlet	1 1/2" BSP-T
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)	13,9
Total Installed Power (kW)	3
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 090 - Air 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		
Condenser Airflow (m³/h) / number of fans	2830 / 1	
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)	1,18	
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	GL12ZLP-GL12XLP-GL12ZLP	
Drain Type	Integral Timed	
PIPING CONNECTIONS		
Air Inlet / Outlet	1 1/2" BSP-T	
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)	21,5	8,7
Total Installed Power (kW)	4,6	4,9
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 140 - Air 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	
Condenser Airflow (m³/h) / number of fans	2800/ 1
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)	2,1
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)	36
Prefilter-Oil Filter-Dust Filter	GL14ZLP-GL14XLP-GL14ZLP
Drain Type	Integral Electronic Capacitve
PIPING CONNECTIONS	
Air Inlet / Outlet	2" BSP-T
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)	47,6
F.L.A. Current (Amps)	10,08
Total Installed Power (kW)	6,4
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 260 - Air 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	
Condenser Airflow (m³/h) / number of fans	7050 / 1
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)	4,30
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	GL19ZLP-GL19XLP-GL19ZLP
Drain Type	Integral Electronic Capacitve
PIPING CONNECTIONS	
Air Inlet / Outlet	2 1/2" 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)	55,75
F.L.A. Current (Amps)	21,6
Total Installed Power (kW)	13,5
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 340 - Air 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	
Condenser Airflow (m³/h) / number of fans	7050 / 1
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)	5,9
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	GL19ZLP-GL19XLP-GL19ZLP
Drain Type	Integral Electronic Capacitve
PIPING CONNECTIONS	
Air Inlet / Outlet	2 1/2" 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)	75,75
F.L.A. Current (Amps)	21,4
Total Installed Power (kW)	13,9
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