

4.1 TECHNICAL SPECIFICATIONS ACT 3-60 /AC

Air-Cooled											
ACT MODEL	3	5	8	12	18	23	30	40	55	60	
Air flow at nominal condition ¹											
	[l/min]	350	550	850	1200	1800	2300	3100	4000	5500	6200
	[m³/h]	21	33	51	72	108	138	186	240	330	372
[scfm]	12	19	30	42	64	81	109	141	194	219	
Pressure DewPoint at nominal condition ¹	+3 equal to 0.73 g/m³ di H₂O										
[°C]											
Nom. ambient temperature (max.)	+25 (+50)										
[°C]											
Min. ambient temperature	+1										
[°C]											
Nominal inlet air temperature (max.)	+35 (+70)										
[°C]											
Nominal inlet air pressure	7										
[barg]											
Max. inlet air pressure	16										
[barg]											
Air pressure drop - Δp	0.02	0.03	0.08	0.11	0.13	0.17	0.15	0.20	0.15	0.18	
[bar]											
Inlet - Outlet air connections	G 1/2"			G 1"			G 1.1/4"			G 1.1/2"	
[BSP-F]											
Refrigerant type	R134.a								R404A		
[kg]											
Refrigerant charge ³	0.21	0.23	0.27	0.30	0.35	0.42	0.48	0.70	0.80		
[m³/h]	200	300			380			450			
Cooling air fan flow											
[m³/h]	-										
Cooling water flow at 15°C (out 30°C)											
[m³/h]	-										
Cooling water flow at 30°C (out 40°C)											
[m³/h]	-										
Control of cooling water flow											
	-										
Maximum water temperature ²											
[°C]	-										
Maximum (min.) water pressure											
[barg]	-										
Cooling water connections											
[BSP-F]	-										
Standard Power Supply ³	1/230 – 240/50 – 1/230/60								1/230 – 240/50		
[Ph/V/Hz]											
Nominal electric consumption	150	180	220	300	430	460	690	790	820	920	
	[W]										
[A]	1.0	1.1	1.4	1.9	2.4	2.6	3.7	3.9	4.0	4.4	
Max. electric consumption	200	220	250	350	540	670	950	1100	1150	1400	
[W]											
[A]	1.2	1.3	1.5	2.1	3.1	3.5	5.1	5.3	5.6	6.4	
Max. noise level at 1 m	< 70										
[dba]											
Weight	28	29	31	34	36	37	46	50	55	63	
[kg]											

¹ The nominal condition refers to an ambient temperature of +25°C with inlet air at 7 barg and +35 °C.

² Other temperature on request.

³ Check the data shown on the identification plate.

4.2 TECHNICAL SPECIFICATIONS ACT 80-160 /AC

ACT MODEL	Air-Cooled				
	80	100	120	140	160
Air flow at nominal condition ¹					
[l/min]	8100	10500	12500	14500	16000
[m ³ /h]	486	630	750	870	960
[scfm]	286	371	441	512	565
Pressure DewPoint at nominal condition ¹	+3 equal to 0.73 g/m ³ di H ₂ O				
[°C]					
Nom. ambient temperature (max.)	+25 (+50)				
[°C]					
Min. ambient temperature	+1				
[°C]					
Nominal inlet air temperature (max.)	+35 (+70)				
[°C]					
Nominal inlet air pressure	7				
[barg]					
Max. inlet air pressure	14				
[barg]					
Air pressure drop - Δp	0.09	0.13	0.07	0.13	0.15
[bar]					
Inlet - Outlet air connections	G 2" G 2.1/2"				
[BSP-F]					
Refrigerant type	R404A				
Refrigerant charge ³	1.25	1.30	1.85	2.10	2.30
[kg]					
Cooling air fan flow	1900				
[m ³ /h]					
Cooling water flow at 15°C (out 30°C)	-				
[m ³ /h]					
Cooling water flow at 30°C (out 40°C)	-				
[m ³ /h]					
Control of cooling water flow	-				
Maximum water temperature ²	-				
[°C]					
Maximum (min.) water pressure	-				
[barg]					
Cooling water connections	-				
[BSP-F]					
Standard Power Supply ³	1/230-240/50				
[Ph/V/Hz]					
Nominal electric consumption	1050	1150	1380	1500	1530
[W]					
[A]	4.9	5.2	6.2	6.8	7.0
Max. electric consumption	1500	1700	2400	2550	2900
[W]					
[A]	7.4	8.0	13.8	14.2	15.8
Max. noise level at 1 m	< 70				
[dbA]					
Weight	92	94	141	150	161
[kg]					

¹ The nominal condition refers to an ambient temperature of +25°C with inlet air at 7 barg and +35 °C.

² Other temperature on request.

³ Check the data shown on the identification plate.