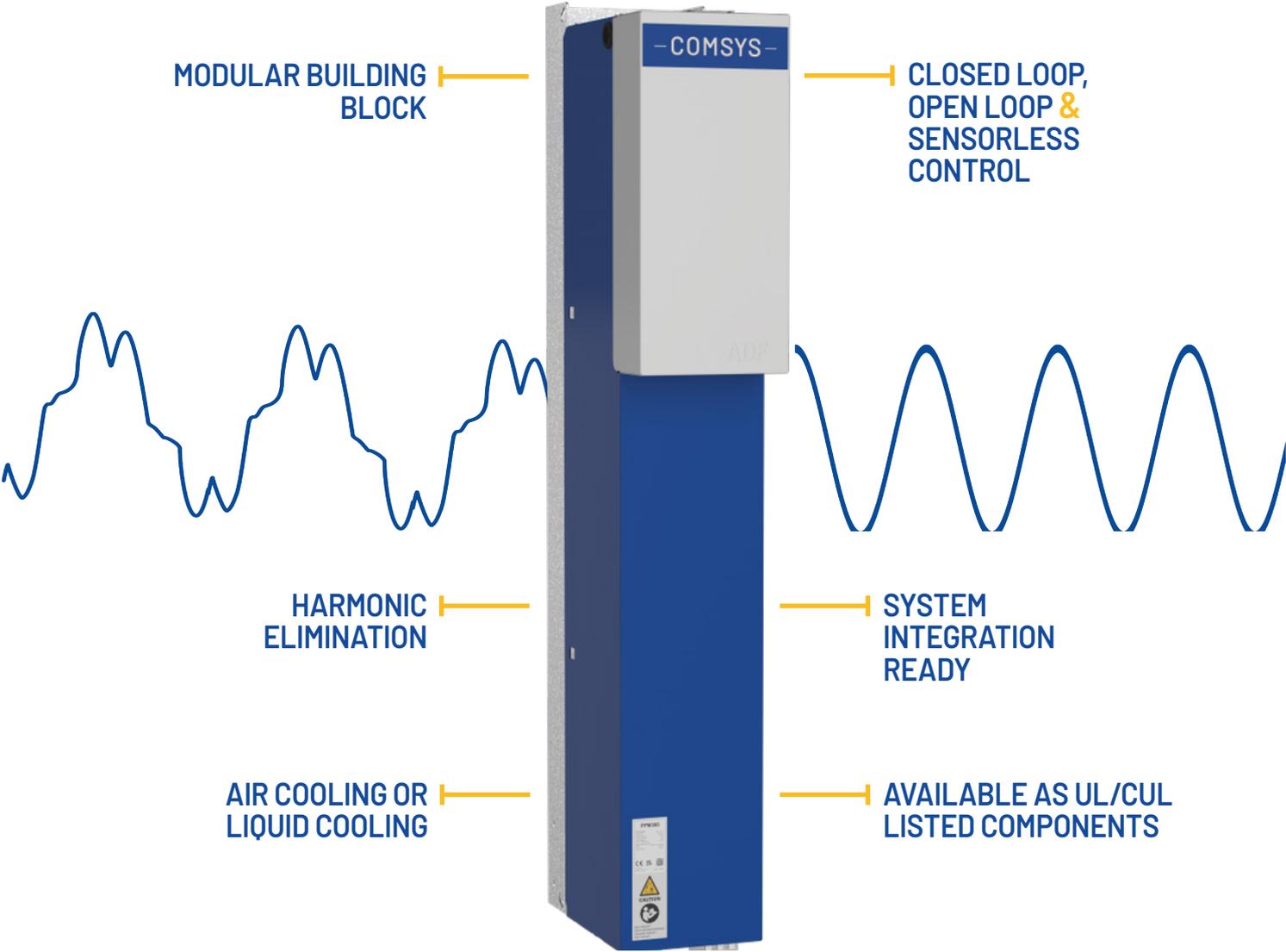


ACTIVE DYNAMIC FILTER ADF PPM300



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ADF PPM300-(90-140)/690 (PPM300v2)

MODEL	PPM300v2-3-A-90/690	PPM300v2-3-W-140/690
RATED CURRENT	90 A _{RMS}	140 A _{RMS}
SYSTEM VOLTAGE	690 V (480-690 V) ± 10 %	690 V (208-690 V) ± 10 %
NOMINAL FREQUENCY	45 – 65 Hz (Including floating frequency)	
NUMBER OF PHASES	3 phase 3 wire	
CONNECTION TYPE	3 phase without neutral (TN, TT, IT)	
HARMONIC COMPENSATION	Individual compensation up to 49th order	
RATE OF HARMONIC REDUCTION	Better than 98%	
COMPENSATION OF COS φ	Up to 1.0	
EXPANDABILITY	Up to three modules can be controlled by one SCC2-P3 or one CM-CAB 3B Up to six modules can be controlled by one SCC2-P6 Cluster of several SCC2 units can work in parallel for up to ninety modules	
RESPONSE TIME	< 1 ms	
HEAT DISSIPATION	< 2969 W	< 3600 W
COOLING MEDIA	Air	Liquid
WATER FLOW REQUIREMENTS		ΔP = 100 kPa [14.5 psi] at 14 l/min [3.7 gpm] ΔP = 60 kPa [8.7 psi] at 10 l/min [2.6 gpm] 1000 kPa [145 psi] design pressure Recommended media flow: 10 l/min [2.6 gpm] at 45° C [113° F] 100% water
COOLING CIRCUIT		Aluminum, Stainless steel and EPDM rubber
AIR FLOW	600 m ³ /h / 353 CFM	
NOISE LEVEL	< 70 dB(A)	
DIMENSIONS (W × H × D)	232.5 x 1445 x 471.5 mm [9.15 x 56.89 x 18.56 inch]	232.5 x 1462 x 471.5 mm [9.15 x 57.56 x 18.56 inch]
WEIGHT	138 kg / 304 lbs	
ENCLOSURE COLOR	RAL 7035 (light grey), RAL 5017 (traffic blue)	
ENCLOSURE PROTECTION (IEC 60529)	IP20	
ELECTROMAGNETIC COMPATIBILITY	EN 61000-6-2, EN 61000-6-4. Conducted emission EN 55011 class A1	
APPROVALS	CE, DNV, LR	

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ADF PPM300-(90-150)/480 (PPM300v2B)

MODEL	PPM300v2B-3-A-90/480	PPM300v2B-3-A-120/480	PPM300v2B-3-A-150/480
RATED CURRENT	90 A _{RMS}	120 A _{RMS}	150 A _{RMS}
SYSTEM VOLTAGE	480 V (208 - 480 V) ± 10 %		
NOMINAL FREQUENCY	45 - 65 Hz (Including floating frequency)		
NUMBER OF PHASES	3 phase 3 wire		
CONNECTION TYPE	3 phase without neutral (TN, TT, IT)		
HARMONIC CURRENT COMPENSATED	Individual compensation up to 49th order		
RATE OF HARMONIC REDUCTION	Better than 98%		
COMPENSATION OF COS φ	Up to 1.0		
EXPANDABILITY	Up to three modules can be controlled by one SCC2-P3 or one CM-CAB 3B Up to six modules can be controlled by one SCC2-P6 Cluster of several SCC2 units can work in parallel for up to ninety modules		
RESPONSE TIME	< 1 ms		
HEAT DISSIPATION	< 3055 W	< 3030 W	< 3100 W
AIR FLOW	600 m ³ /h / 353 CFM		800 m ³ /h / 470 CFM
COOLING MEDIA	Air		
NOISE LEVEL	< 70 dB(A)		
DIMENSIONS (W×H×D)	232.5 × 1445 × 471.5 mm 9.15 × 56.89 × 18.56 inch		
WEIGHT	79 kg / 174 lbs	93 kg / 205 lbs	104 kg / 229 lbs
ENCLOSURE COLOR	RAL 7035 (light grey), RAL 5017 (traffic blue)		
PROTECTION CLASS	IP20		
STORAGE ENVIRONMENTAL CONDITIONS	Classes: 1K22/1Z1/1B1/1C2/1S11/1M11 Temperature range: -25 °C to 70 °C [-13 °F to 158 °F] Relative humidity: 0-95 % RH, non-condensing		
TRANSPORTATION ENVIRONMENTAL CONDITIONS	Classes: 2K12/2B1/2C2/2S1/2M4 Temperature range: -25 °C to 70 °C [-13 °F to 158 °F] Relative humidity: 0-95 % RH, non-condensing		
OPERATION ENVIRONMENTAL CONDITIONS	Classes: 3K22/3Z1/3B1/3S5/3M11 Temperature range: 0 to 50 °C, up to 40 °C [32 to 122 °F, up to 104 °F] without derating Relative humidity: 0-95 % RH, non-condensing		
ELECTROMAGNETIC COMPATIBILITY	EN 61000-6-2, EN 61000-6-4. Conducted emission EN 55011 class A1		
APPROVALS	CE, DNV, LR		

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ADF PPM300-(50-125)/480 (PPM300v4)

MODEL	PPM300v4-3-A-50/480	PPM300v4-3-A-75/480	PPM300v4-3-A-100/480	PPM300v4-3-A-125/480
RATED CURRENT	50 A _{RMS}	75 A _{RMS}	100 A _{RMS}	125 A _{RMS}
SYSTEM VOLTAGE	480 V (208 - 480 V) ± 10 %			
NOMINAL FREQUENCY	45 - 65 Hz (Including floating frequency)			
NUMBER OF PHASES	3 phase 3 wire			
CONNECTION TYPE	3 phase without neutral (TN, TT, IT)			
HARMONIC CURRENT COMPENSATED	Individual compensation up to 49th order			
RATE OF HARMONIC REDUCTION	Better than 98%			
COMPENSATION OF COS φ	Up to 1.0			
EXPANDABILITY	Up to three modules can be controlled by one SCC2-P3 or one CM-CAB 3B Up to six modules can be controlled by one SCC2-P6 Cluster of several SCC2 units can work in parallel for up to ninety modules			
RESPONSE TIME	< 1 ms			
HEAT DISSIPATION	< 750 W	< 1210 W	< 1670 W	< 2120 W
COOLING MEDIA	Air			
AIR FLOW	600 m ³ /h / 353 CFM			
NOISE LEVEL	< 70 dB(A)			
DIMENSIONS (W × H × D)	232.5 x 1445 x 431,5 mm [9.15 x 56.89 x 16,99 inch]			
WEIGHT	108 kg / 238 lbs			
ENCLOSURE COLOR	RAL 7035 (light grey), RAL 5017 (traffic blue)			
PROTECTION CLASS	IP20			
STORAGE ENVIRONMENTAL CONDITIONS	Classes: 1K22/1Z1/1B1/1C2/1S11/1M11 Temperature range: -25 °C to 70 °C [-13 °F to 158 °F] Relative humidity: 0-95 % RH, non-condensing			
TRANSPORTATION ENVIRONMENTAL CONDITIONS	Classes: 2K12/2B1/2C2/2S1/2M4 Temperature range: -25 °C to 70 °C [-13 °F to 158 °F] Relative humidity: 0-95 % RH, non-condensing			
OPERATION ENVIRONMENTAL CONDITIONS	Classes: 3K22/3Z1/3B1/3S5/3M11 Temperature range: 0 to 50 °C, up to 40 °C [32 to 122 °F, up to 104 °F] without derating Relative humidity: 0-95 % RH, non-condensing			
ELECTROMAGNETIC COMPATIBILITY	EN 61000-6-2, EN 61000-6-4. Conducted emission EN 55011 class A1			
APPROVALS	CE, DNV, LR			

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ADF PPM300-110/480, 90/600 (PPM300v2 UL)

MODEL	PPM300v2-3-A-110/480 UL	PPM300v2-3-A-90/600 UL
RATED CURRENT	110 A _{RMS}	90 A _{RMS}
SYSTEM VOLTAGE	480 V (208-480 V) ± 10 %	600 V (480-600 V) ± 10 %
NOMINAL FREQUENCY	45 – 65 Hz (Including floating frequency)	
NUMBER OF PHASES	3 phase 3 wire	
CONNECTION TYPE	3 phase without neutral (TN, TT, IT)	
HARMONIC COMPENSATION	Individual compensation up to 49th order	
RATE OF HARMONIC REDUCTION	Better than 98%	
COMPENSATION OF COS φ	Up to 1.0	
EXPANDABILITY	Up to three modules can be controlled by one SCC2-P3 or one CM-CAB 3B Up to six modules can be controlled by one SCC2-P6 Cluster of several SCC2 units can work in parallel for up to ninety modules	
RESPONSE TIME	< 1 ms	
HEAT DISSIPATION	< 2725 W	< 2969 W
AIR FLOW	600 m ³ /h / 353 CFM	
NOISE LEVEL	< 70 dB(A)	
DIMENSIONS (W × H × D)	232.5 x 1445 x 471.5 mm [9.15 x 56.89 x 18.56 inch]	
WEIGHT	133 kg / 293 lbs	138 kg / 304 lbs
ENCLOSURE COLOR	RAL 7035 (light grey), RAL 5017 (traffic blue)	
ENCLOSURE PROTECTION (IEC 60529)	NEMA Type 1	
STORAGE ENVIRONMENTAL CONDITIONS	Classes: 1K22/1Z1/1B1/1C2/1S11/1M11 Temperature range: -25 °C to 70 °C [-13 °F to 158 °F] Relative humidity: 0-95 % RH, non-condensing	
TRANSPORTATION ENVIRONMENTAL CONDITIONS	Classes: 2K12/2B1/2C2/2S1/2M4 Temperature range: -25 °C to 70 °C [-13 °F to 158 °F] Relative humidity: 0-95 % RH, non-condensing	
OPERATION ENVIRONMENTAL CONDITIONS	Classes: 3K22/3Z1/3B1/3S5/3M11 Temperature range: 0 to 50 °C, up to 40 °C [32 to 122 °F, up to 104 °F] without derating Relative humidity: 0-95 % RH, non-condensing	
ELECTROMAGNETIC COMPATIBILITY	EN 61000-6-2, EN 61000-6-4. Conducted emission EN 55011 class A1	
APPROVALS	UL508/csa22.2	

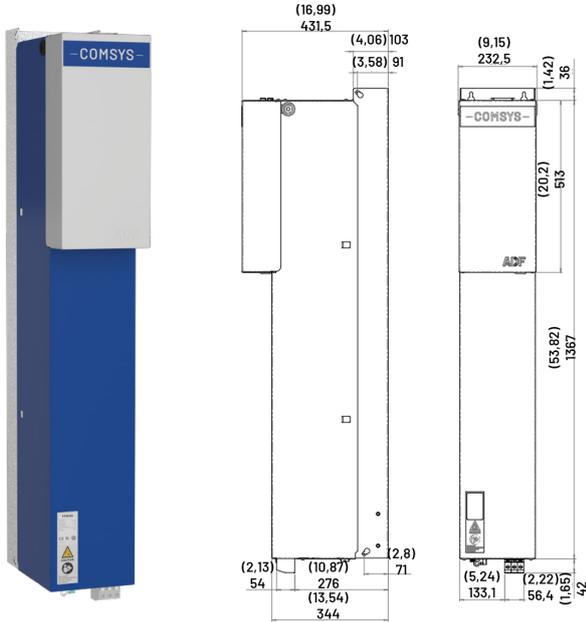
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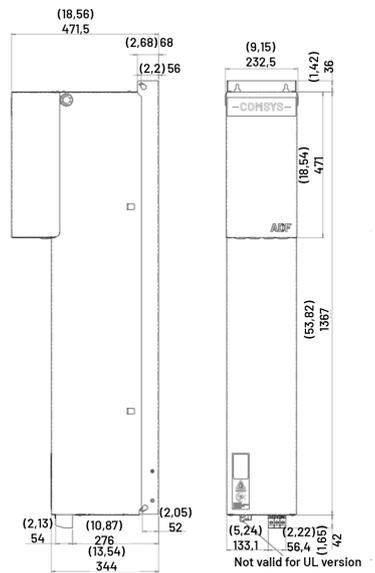


DIMENSIONS

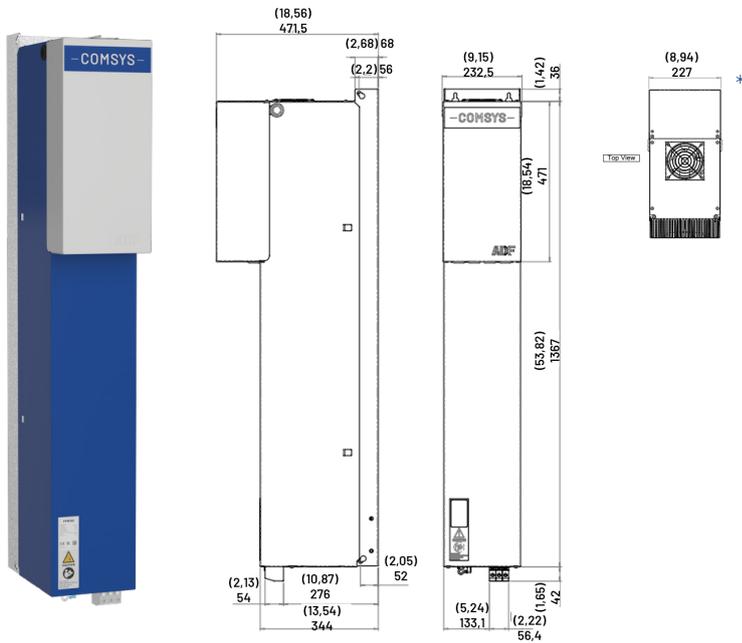
mm (inches) - ADF PPM300v4



mm (inches) - ADF PPM300v2



mm (inches) - ADF PPM300v2B



*Top fans only in the 150A version

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