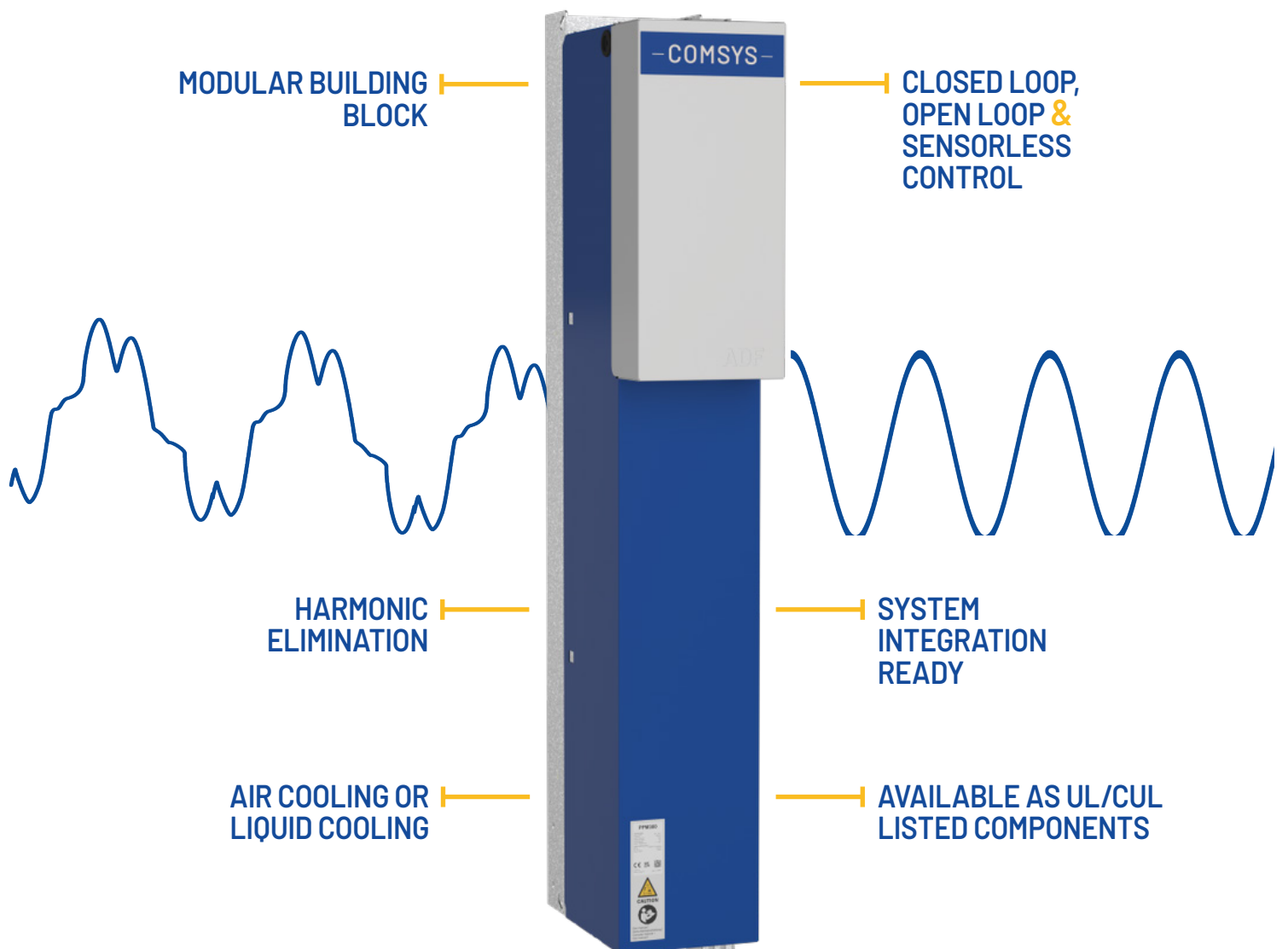


ACTIVE DYNAMIC FILTER

ADF PPM300



— COMSYS —
comsys.se



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	

Comsys AB does not assume any responsibility for use of any product or method described and also reserves the right to make changes at any time without prior notice in order to improve design and supply the best possible products.

— COMSYS —
comsys.se



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		

Comsys AB does not assume any responsibility for use of any product or method described and also reserves the right to make changes at any time without prior notice in order to improve design and supply the best possible products.

— COMSYS —
comsys.se



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			

Comsys AB does not assume any responsibility for use of any product or method described and also reserves the right to make changes at any time without prior notice in order to improve design and supply the best possible products.

— COMSYS —
comsys.se



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	

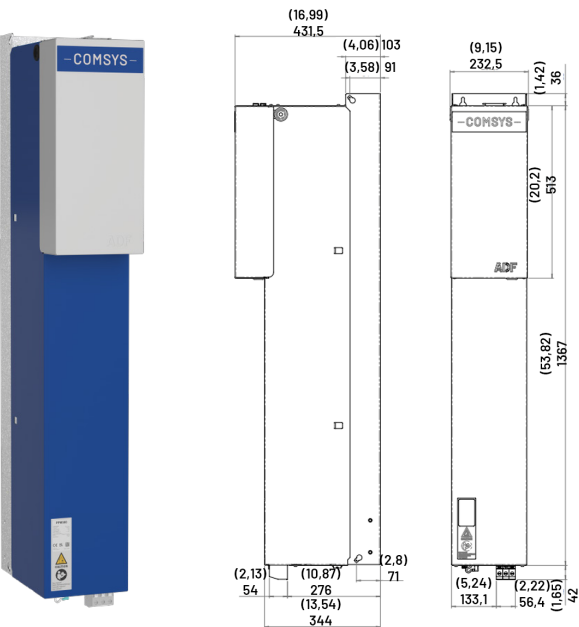
Comsys AB does not assume any responsibility for use of any product or method described and also reserves the right to make changes at any time without prior notice in order to improve design and supply the best possible products.

– COMSYS –
comsys.se

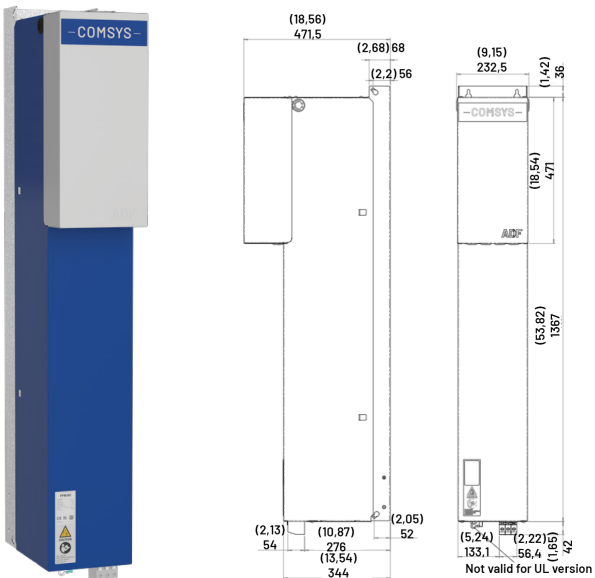


DIMENSIONS

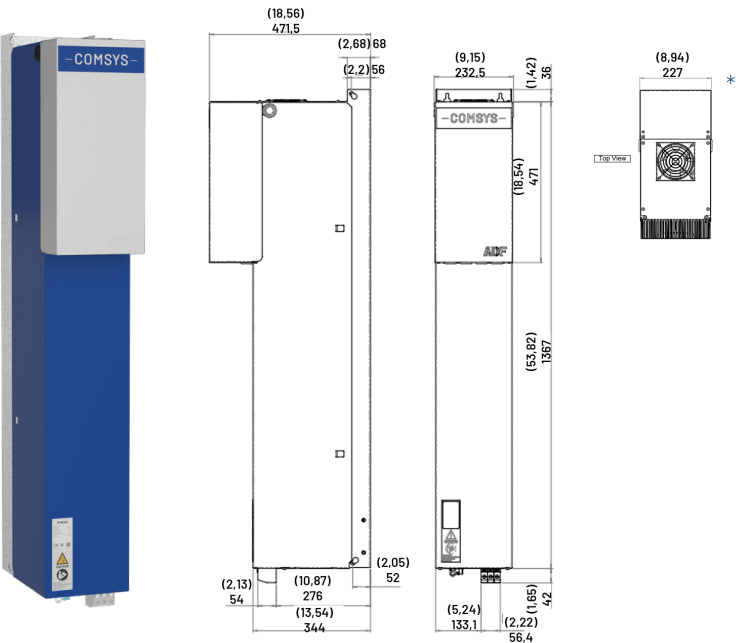
mm (inches) - ADF PPM300v4



mm (inches) - ADF PPM300v2



mm (inches) - ADF PPM300v2B



*Top fans only in the 150A version

— COMSYS —
comsys.se

