

Flashing Lights



Model	Maximum covering distance as per EN 54-23 in metre(m) ¹	Flashing energy /light intensity	Protection system	Dimensions(mm) (H×W×D)	Approvals	
					CE	UL
Flashing Lights						
PY X-M-10	2.5 5 10 25 50	10J	IP 66 IK 08	124 X 166 X 114	•	•
PY X-M-05	2.5 5 10 25 50	5J	IP 66 IK 08	124 X 166 X 114	•	•
PY X-S-05	2.5 5 10 25 50	5J	IP 66 IK 08	85 X 109.5 X 80.6	•	•

Sounders

Model	Maximum covering distance for +65 dB ambient noise level in metre(m) ¹	Sound pressure level	Protection system	Dimensions(mm) (H×W×D)	Approvals	
					CE	UL
Sounders						
DS 5	10 100 250 500 1500	105 dB (A)	IP 66 IP 67	133.5 X 133.5 X 143	•	•
DS 10	10 100 250 500 1500	110 dB (A)	IP 66 IP 67	133.5 X 133.5 X 143	•	•

Model	Maximum covering distance for +65 dB ambient noise level in metre(m) ¹	Sound pressure level	Protection system	Dimensions(mm) (H×W×D)	Approvals	
					CE	UL
Sounders						
PA 1	10 100 250 500 1500	100 dB (A)	IP 66 IK 08	86 X 109.5 X 80.6	•	•
PA 5	10 100 250 500 1500	105 dB (A)	IP 66 IK 08	135 X 163.4 X 80.6	•	•
PA 10	10 100 250 500 1500	110 dB (A)	IP 66 IK 08	170 X 214 X 156	•	•
PA 20	10 100 250 500 1500	120 dB (A)	IP 66 IK 08	170 X 214 X 181	•	•

Flashing Sounders

¹The specific cation for the alarm signal reception range assumes an existing ambient noise level of 65 dB (A). In accordance with applicable regulations, the calculated alarm range for the sound level 65 dB (A) was given + 10 dB (A) = 75 dB (A).

Model	Maximum covering distance for +65 dB ambient noise level in metre(m) ¹	Sound pressure level	Protection system	Dimensions(mm) (H×W×D)	Approvals	
					CE	UL
Flashing Sounders						
PA X 1-05	2.5 25 75 150	100 dB (A) 5J	IP 66 IK 08	172.4 X 109.5 X 80.6	•	•
PA X 5-05	2.5 25 75 150	105 dB (A) 5J	IP 66 IK 08	215 X 163.4 X 132	•	•
PA X 5-10	2.5 25 75 150	105 dB (A) 10J	IP 66 IK 08	215 X 163.4 X 132	•	•
PA X 10-05	2.5 25 75 150	110 dB (A) 10J	IP 66 IK 08	270 X 214 X 156	•	•
PA X 10-15	2.5 25 75 150	110 dB (A) 15J	IP 66 IK 08	270 X 214 X 156	•	•
PA X 20-10	2.5 25 75 150	120 dB (A) 10J	IP 66 IK 08	270 X 214 X 181	•	•
PA X 20-15	2.5 25 75 150	120 dB (A) 15J	IP 66 IK 08	270 X 214 X 181	•	•

Signal Tower

Model	Mounting variations	Operation modes	Light intensity/ Sound pressure level	Protection system	Approvals	
					CE	UL
Signal Tower Ø 54 MM						
BR 50	stand mounting tube mounting direct mounting	continuous light	7 W	IP 65 ²	•	•
		blinking light	1.5 Hz		•	•
		flashing light	0.6 J /1J		•	•
		sounder	85 dB (A)		•	•
SIGNAL TOWER Ø 35 MM						
BR 35	stand mounting plinth mounting tube mounting panel mounting	continuous light	AC: 3W DC:4W	IP 54	•	•
		sounder	75 dB (A)		•	•
					•	•

² option

For additional models, options and voltages visit www.pfannenberg.com or contact us directly.



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Thermal Management And Signaling Technology



Filterfans 4.0 | Cooling Units
Air/Water Heat Exchangers
Air/Air Heat Exchangers | Chillers
Heaters | Thermostats | Hygrostats
Accessories | Signaling Technology

SHARING
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Cooling Units



Model	Cooling capacity (A35/A35)	Rated voltage	Height x Width x Depth	Approvals	
				cURus	CE
Cooling units PTM					
PTM 050W TC/DH	50W	24V DC	203 X 153 X 139 mm		●
PTM 150W TC/DH	150W		300 X 210 X 170 mm		●



Cooling units DTS 8000E					
DTS 8021E	300 W	230 V	400 X 282 X 160 mm		●
DTS 8031E	500 W		670 X 325 X 200 mm		●
DTS 8241E	1000 W	230 V 400 V 2~	1350 X 400 X 200 mm		●
DTS 8341E	1500 W				●
DTS 8441E	2000 W			●	
DTS 8541E	2500 W			●	
DTS 8841E	4000 W			●	
			1510 X 485 X 330 mm		●



Green Series Cooling units DTI/DTS					
DTI 6201	1150 W	230 V 400 V 2~	1537 X 485 X 218 mm	●	●
DTS 6201			1540 X 485 X 218 mm	●	●
DTI 6301	1550 W		1537 X 485 X 218 mm	●	●
DTS 6301			1540 X 485 X 218 mm	●	●
DTI 6401	2000 W	400 V 460 V 3~	1537 X 485 X 278 mm	●	●
DTS 6401			1540 X 485 X 278 mm	●	●
DTI 6501	2500 W		1537 X 485 X 278 mm	●	●
DTS 6501			1540 X 485 X 278 mm	●	●
DTI 6801	4000 W		1537 X 485 X 372 mm	●	●
DTS 6801			1540 X 485 X 372 mm	●	●



Cooling units DTI/DTS 8000ES					
DTI 8031ES	500 W	230 V 400 V 2~	562 X 310 X 212 mm		●
DTI 8041ES	800 W		687 X 380 X 198 mm		●
DTS 8041ES	800 W		670 X 380 X 200 mm		●
DTS 8241ES	1000 W				●
DTS 8341ES	1500 W		950 X 400 X 200 mm		●



Outdoor Cooling units DTI/DTS					
DTI/DTS 8161	1000 W	230 V	976 X 450 X 312 mm		●
DTI/DTS 8165	1500 W		976 X 450 X 312 mm		●
DTI 8665	5000 W		1600 X 535 X 375 mm		●



ECOOL Top mounting Cooling units DTT					
DTT 6101	500 W	230 V	435 X 595 X 395 mm	●	●
DTT 6201	1000 W		435 X 595 X 395 mm	●	●
DTT 6301	1500 W	230 V 400 V 2~	435 X 595 X 495 mm	●	●
DTT 6401	2000 W		435 X 595 X 495 mm	●	●
DTT 6601	3000 W	400 V 460 V 3~	485 X 795 X 575 mm	●	●
DTT 6801	4000 W		485 X 795 X 575 mm	●	●



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Filterfans



Model	Installation Size	Unimpeded airflow	Rated voltage	Installation cutout	Approvals	
					cURus	CE
Indoor Filterfan IP54						
PFB 11.000	1	23m³/h	230 V 115 V 24 V DC	92 X 92 mm		●
PFB 22.000	2	57m³/h	230 V 115 V 24 V DC	125 X 125 mm		●
PFB 32.000	3	104m³/h	230 V 115 V 24 V DC	177 X 177 mm		●
PFB 42.500	4	130m³/h	230 V 115 V 24 V DC	223 X 223 mm		●
PFB 43.000	4	240m³/h	230 V 115 V 24 V DC			●
PFB 65.000SL	6	500m³/h	230 V	291 X 291 mm		●
PFB 66.000SL	6	600m³/h	230 V			●
PFB 67.000SL	6	700m³/h	230 V			●



Outdoor Filterfan IP55							
PF 22.000	2	56m³/h	230 V 115 VAC 48 V 24 V 12V DC	125 X 125 mm	●	●	
PF 32.000	3	100m³/h	230 V 115 VAC 48 V 24 V 12V DC	177 X 177 mm	●	●	
PF 42.500	4	145m³/h	230 V 115 VAC 48 V 24 V 12V DC	223 X 223 mm	●	●	
PF 43.000	4	233m³/h	230 V 115 VAC 48 V 24 V 12V DC			●	●
PF 65.000	6	505m³/h	230 V 115 VAC	291 X 291 mm	●	●	
PF 66.000	6	770m³/h	400 V 480 V 3~ 230 V 115 V			●	●
PF 67.000	6	925m³/h	400 V 480 V 3~ 230 V 115 V			●	●



EMC Filterfan						
PF 22.000 EMC	2	61m³/h	230 V	126.5 X 126.5 mm	●	●
PF 43.000 EMC	4	256m³/h		224 X 224 mm	●	●
PF 67.000 EMC	6	845m³/h		292 X 292 mm	●	●

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Chillers

Model	Cooling capacity*	Rated voltage	Height x Width x Depth	Approvals	
				cURus	CE
CC Chillers					
CC 6101	1.1kw-2.4kw	230 V	626 X 600 X 480 mm		●
CC 6201					●
CC 6301					●
CC 6401	3.5kw-6.0kw	400 V 460 V 3~	984 X 601 X 670 mm		●
CC 6501					●
CC 6601					●
RACK Chillers					
RACK Chillers	1.1kw-1.7kw	230 V	395 X 450 X 480 mm		●
CCE Chillers					
CCE Chillers	1.1 kw - 2.4 kw	230 V	634x600x546mm		●
	3.5 kw - 6.5 kw	400 V3~ / 460 V 3~	983x600x727mm		●
EB Chillers 2.0					
EB 2.0	6.5kw-9.5kw	400 V3~ / 460 V 3~	1225x600x760mm		●
	14kw-16kw		1400x855x800mm		●
EB XT Chillers					
EBXT	36kw-59kw	400 V3~	2030x830x1240mm		●
	69kw-92kw		2030x830x1840mm		●
	119kw-148kw		2030x1200x2665mm		●

* (W18/L32) at +18°C refrigerant outlet temperature and +32°C ambient temperature



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Air / Air Heat Exchangers



Model	Cooling capacity	Rated voltage	Dimensions (H x W x D)	Approvals	
				cURus	CE
PAI/PAS Air/Air Heat Exchangers					
PAI / PAS 6203	100 W/K	115 V 230 V	1549 X 485 X 252 mm	●	●
PAI / PAS 6133	65 W/K		933 X 410 X 199 mm	●	●
PAI / PAS 6043	20 W/K		612 X 380 X 212 mm	●	●



Air / Water Heat Exchangers

Model	Cooling capacity*	Rated voltage	Dimensions (H x W x D)	Approvals	
				cURus	CE
PWI / PWS Air / Water Heat Exchangers					
PWS 7502	5200 W	115 V 230 V	1400 X 460 X 235 mm	●	●
PWS 7322	3150 W	230 V	950 X 400 X 190 mm	●	●
PWS 7152	1500 W	115 V 230 V	950 X 400 X 115 mm	●	●

* (W10/L35) at +10°C water inlet temperature and +35°C temperature inside enclosure



Heaters, Thermostats and Hygrostats

Model	Heater power	Rated voltage	Dimensions (H x W x D)	Approvals		
				cURus	CE	
FLH Radiant Heaters						
FLH 030	30 W	230 V	100 X 70 X 50 mm	●	●	
FLH 045	45 W				●	●
FLH 060	60 W		175 X 70 X 50 mm	●	●	
FLH 075	75 W				●	●
FLH 100	100 W				●	●
FLH 150	150 W	250 X 75 X 29.5 mm	●	●		



PRH Mini-Radiant Heaters						
PRH 010-M	10 W	230 V	45 X 75 X 29.5 mm	●	●	
PRH 020-M	20 W				●	●
PRH 030-M	30 W				●	●



PFH Mini Fan Heaters					
PFH 300 M	300 W	230 V	66 X 78 X 90 mm		●
PFH 400 M	400 W				●

PFH Compact Fan Heaters					
PFH 650 M	650 W	230 V	142 X 88 X 123 mm		●
PFH 800 M	800 W				●
PFH 1000 M	1000 W				●
PFH 1200 M	1200 W				●



FLZ Thermostats and Hygrostats					
FLZ 510	Thermostats	AC / DC	59.5 X 37 X 47.5 mm	●	●
FLZ 520			72 X 40 X 36 mm	●	●
FLZ 530				●	●
FLZ 541	Twin Thermostats	AC / DC	80.5 X 59 X 38 mm	●	●
FLZ 543					●
FLZ 600	Hygrostats	AC / DC	60 X 37 X 47 mm	●	●
FLZ 610			80.5 X 59 X 38 mm	●	●



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