





HAND DRYERS

table






	NEW GENERATION HAND DRYERS			TRADITIONAL HAND DRYERS
	Dualflow Plus 	machflow 	speedflow 	saniflow 
Category	GREEN + HIGH SPEED			HEAVY DUTY
Application	HIGH TRAFFIC			HIGH TRAFFIC
Drying time	8-15"			20-30"
Estimated drying time	8-15" (eco 10-15")	10-15" (eco 10-15")	10-15" (eco 10-15")	29"
Voltage/ Frequency	220-240V 50/60Hz	220-240V 50/60Hz	100-240V 50/60Hz	220-240V 50/60Hz
Electrical insulation	Class I	Class I	Class I	Class I
Measurements	665 x 320 x 228 mm	330 x 213 x 170 mm	270 x 290 x 100 mm	245x276x214 mm 248x278x212 mm 255x282x215 mm
Weight	8,3 Kg	5,1 Kg	3,8 Kg	4,65 / 5,9 / 11,5 Kg
Total power	420 - 1100 W	420-1.100 W	1010-1.150 W (H.E. on)* 110-250 W (H.E. off)	2.250 W
Power consumption	3,2 A - 5 A	3,3 A - 5 A	4,2 A - 4,8 A (230V) H.E. on 1,3 A - 2 A (230V) H.E. off	10 A
Detection	Automatic	Automatic	Automatic	Autom/ Push-button
Cover				
Material	ABS	1. Stainless steel 2. Steel	1. Stainless steel 2. Steel	1. Stainless steel 2. Steel 3. Cast iron
Finish	White / Satin / Black	1. Bright / Satin 2. White epoxy 3. Black epoxy	1. Bright / Satin 2. White epoxy 3. Black epoxy	1. Bright/Satin 2. White epoxy. Gold plated. White enamelled coating.
Thickness	3 mm	1,5 mm	1,5 mm	1,5 / 6 mm
Base:				
Material	PA6 V0	PA6 + 30% GF V0	Aluminium	Aluminium
Thickness	3 mm	3 mm	3 mm	3 mm
Motor:				
Type	Universal brush motor	Universal brush motor	Universal brush motor	Universal brush motor
Class	F	F	A	F
Power	420 - 1.100 W	420 - 1.100 W	250 W	250 W
rpm	19.000-30.000 rpm	19.000-30.000 rpm	8.500-11.200 rpm	5.500 rpm
Brushes lifespan	1.500h/ 600.000 serv (cicle=9")	1.500h/ 600.000 serv (cicle=9")	1.500h/ 450.000 serv (cicle=12")	1st set 1.500h/200.000 serv 2nd set 1.500h/ 200.000 serv (cicle=29")
Protection	Fuse on PCB	Fuse on PCB	Safety thermal cut-off auto-reset	Safety thermal cut-out auto-reset
Fan wheel				
Type	Centrifugal, single inlet, high pressure	Centrifugal, single inlet, high pressure	Double inlet, centrifugal, asymmetrical	Double inlet, centrifugal, asymmetrical
Material	Aluminium	Aluminium	Aluminium	Aluminium
Fluidic features				
Effective air flow	94 - 165 m ³ /h (1570 - 2.750 L/min)	121 - 190 m ³ /h (2010 - 3.152 L/min)	70 - 96 m ³ /h (1.170-1.600 L/m)	253 m ³ /h (4.248 L/m)
Air velocity	234 - 410 Km/h	191 - 325 Km/h	120 - 180 Km/h	100 Km/h
Heating Element (H.E.):				
Power	-	-	900 W	2.000 W
Wire	-	-	Ni-Crom	Ni-Crom
Protection	-	-	Safety thermal cut-out	Safety thermal cut-out
Air temperature	T=35 °C	40 °C	T=41-44°C	T=50°C
Sound level	SPL=62-72dBA	SPL=67-74 dBA	SPL=58-67dBA	SPL=70dBA
Protection level	IPX4	IP23	IP23	IP23
Disconnection (continuous use time)	30"	60"	60"	E05,E88: 36" E05A= 60" E88A: ∞
ADA	yes	w/ recessed kit	yes	w/ recessed kit

* H.E. = Heating Element

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TRADITIONAL HAND DRYERS	LOW MEDIUM TRAFFIC RANGE			
mediflow	optima	juniorplus	prima	smartflow
				
MODERN	MONEY FOR VALUE			
HIGH TRAFFIC	MEDIUM TRAFFIC	LOW TRAFFIC		
20-30"	30-40"			
29"	38"	38"	45"	39"
220-240V 50/60Hz Class II	220-240V 50/60Hz Class II	220-240V 50/60Hz Class II	220-240V 50/60Hz Class II	220-240V 50/60Hz Class II
326x276x164 mm	304x260x150 mm	304x253x152 mm	305x255x154 mm	259x147x138 mm
4,25 Kg 250-2.750 W 1,1-12 A	4,45 Kg 1.640 W 7 A	3 Kg 1.640 W 7 A	3,5 kg 1.640 W 7 A	1,2 Kg 1.100 W 4,8 A
Automatic	Automatic	Autom/ Push-button	Autom/ Push-button	Automatic
1. Stainless steel 2. Steel	1. Stainless steel 2. Steel	ABS	Melamine	ABS
1. Bright / Satin 2. White epoxy	1. Bright / Satin 2. White epoxy	White	White	1. Bright / Satin / White
1,5 mm	1,5 mm	3 mm	3 mm	3 mm
PA 6 V0 3 mm	ABS V0 3 mm	ABS V0 3 mm	ABS V0 3 mm	PP + Talc 3 mm
Universal brush motor F 250 W 4.500 rpm 1st set 1.500h/200.000 serv 2nd set 1.500h/ 200.000 serv (cycle=29") Safety thermal cut-out auto-reset	Induction F 140 W 2.800 rpm ---	Induction F 140 W 2.800 rpm ---	Induction B 140 W 2.800 rpm ---	Universal brush motor B 150 W 15.000 rpm 1.000h/100.000 serv (cycle=39") Safety thermal cut-out auto-reset
Double inlet, centrifugal, asymmetrical Aluminium	Single inlet, centrifugal PP V0	Single inlet, centrifugal PP V0	Single inlet, centrifugal PP V0	Helicoidal PP V0
450 m³/h (7.500 L/m) 95 Km/h	215 m³/h (3.590 L/m) 60 Km/h	215 m³/h (3.590 L/m) 60 Km/h	253 m³/h (4.225 L/m) 60 Km/h	102 m³/h (1.700 L/m) 100 Km/h
0-2.500 W Cr-Al-Fe Banda Safety thermal cut-out	1.500 W Ni-Crom 40 Safety thermal cut-out	1.500 W Ni-Crom 40 Safety thermal cut-out	1.510 W Ni-Crom 40 Safety thermal cut-out	950 W Ni-Crom Safety thermal cut-out
T=50°C	T=57°C	T=57°C	T=50°C	T=55°C
SPL=65dBA	SPL=57dBA	SPL=57dBA	SPL=57dBA	SPL=67dBA
IP23	IP21	IP21	IP21 (M96)- IP23(M96A)	IP23
M02A: 120" M03A: ∞	60"	M88PLUS: 45" M88APLUS: 60"	M96: 45" M96A: 60"	60"
w/ recessed kit	---	---	---	---

