

Air Curtains

The invisible wall to shield your environment



Considerations while choosing Air Curtains



› **Type**

Recirculating | Non Re-circulating

› **Flow**

Top to Bottom | Sideways | Bottom to Top

› **Mounting**

Surface Mounted | Recessed

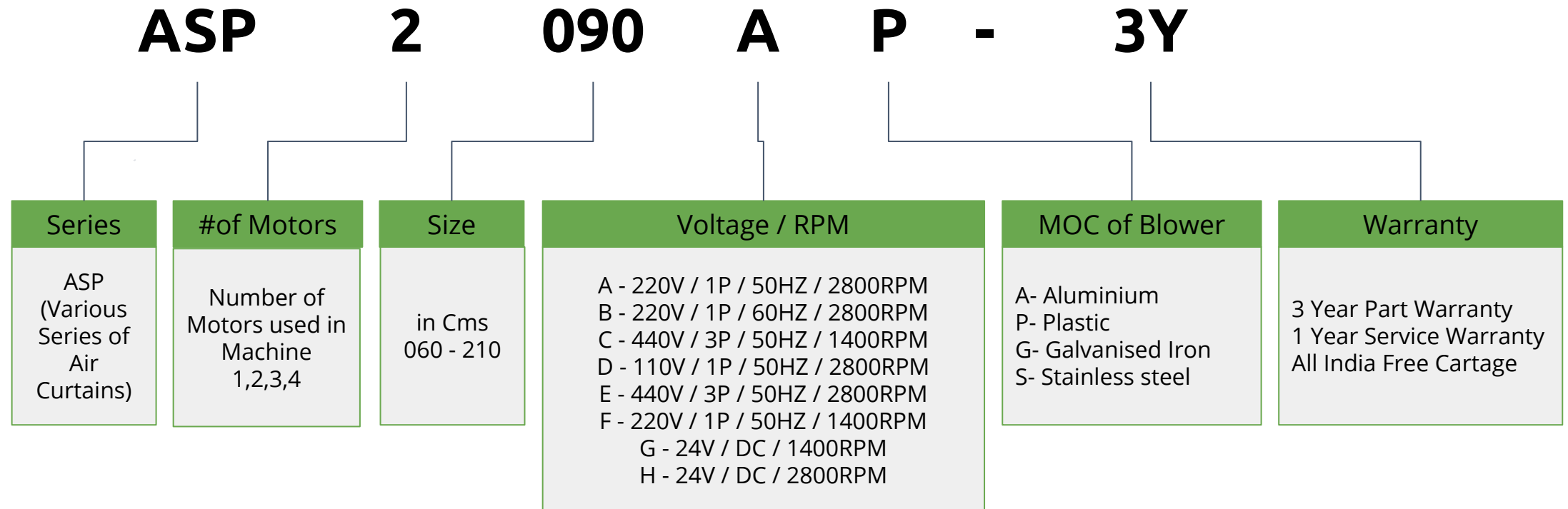
› **Fan**

Centrifugal | Cross flow | Axial

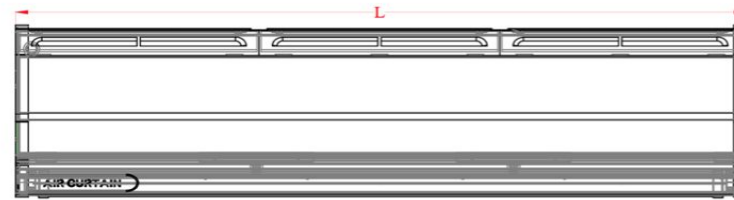
› **Placement**

Inside | Outside

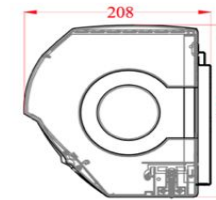
Model Number Configuration



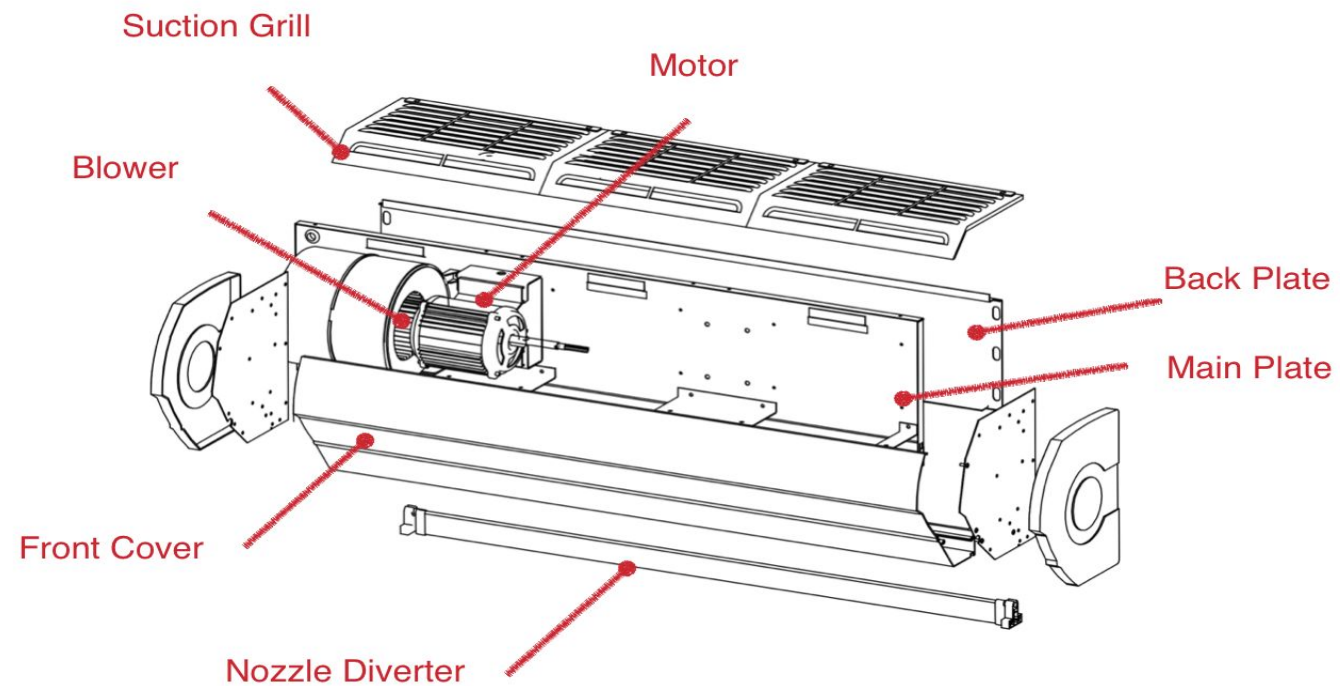
DWG 1001



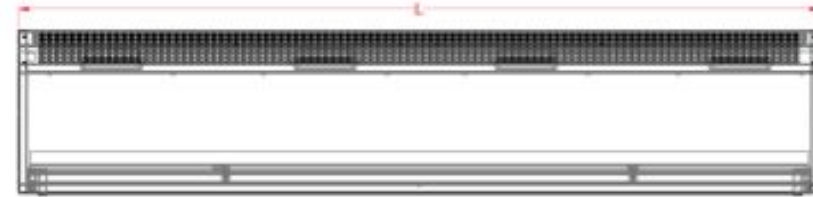
Front View



Side View



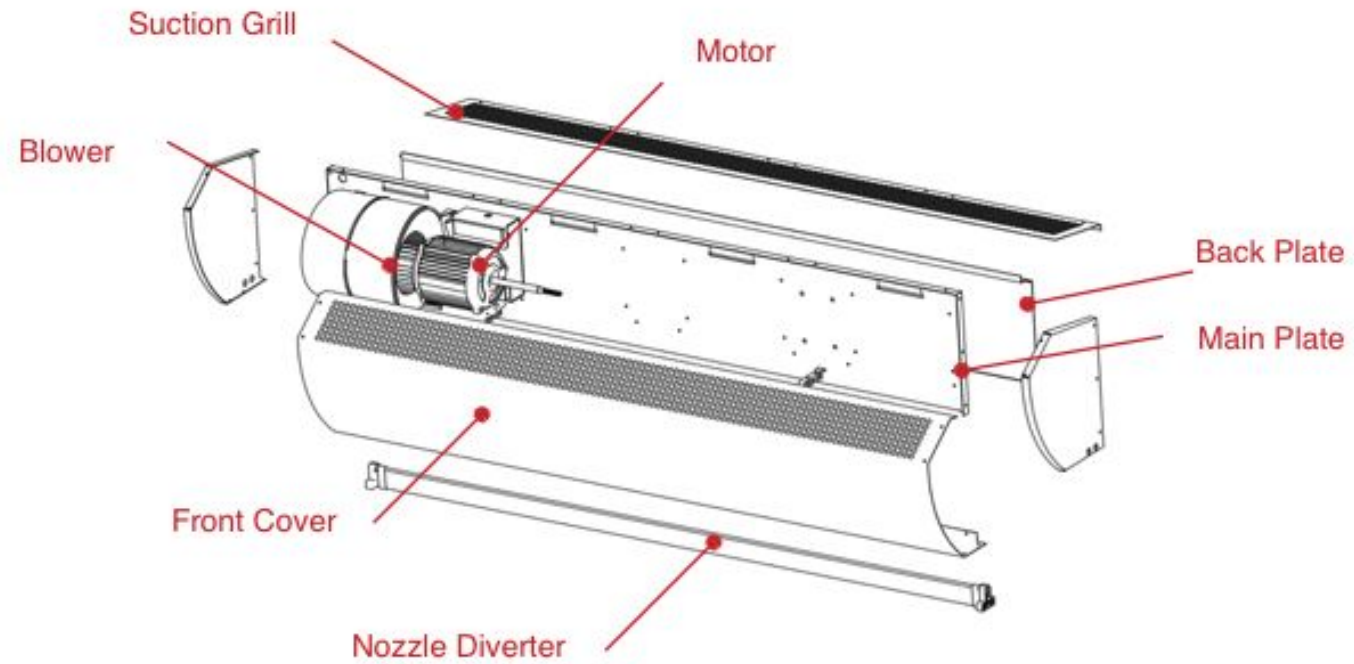
Exploded View



Front View

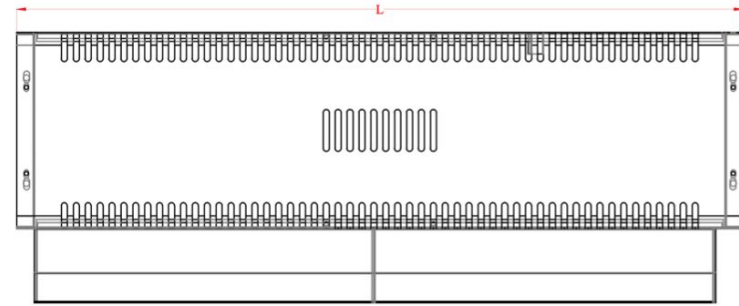


Side View

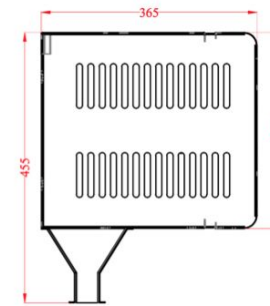


Exploded View

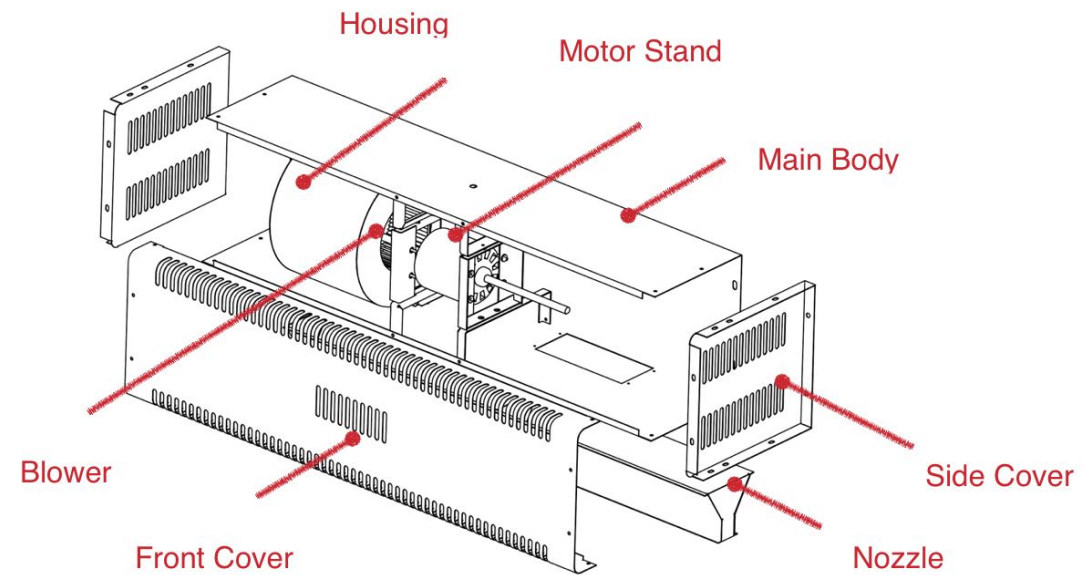
DWG 1003



Front View



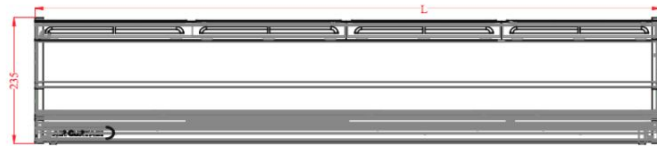
Side View



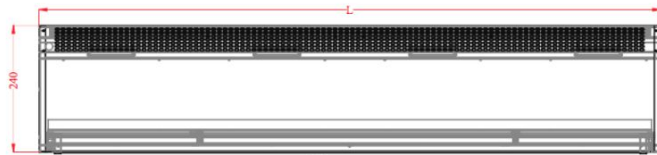
Exploded View



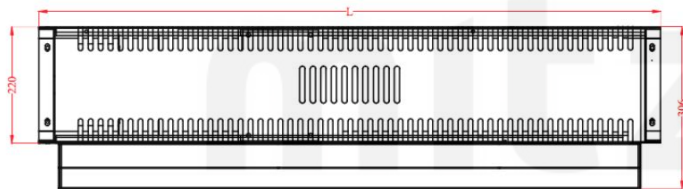
Physical Dimension Comparison (Front View)



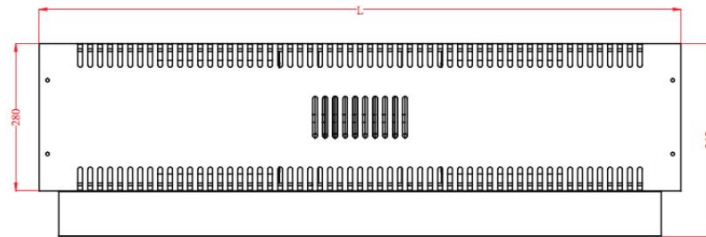
A** Series



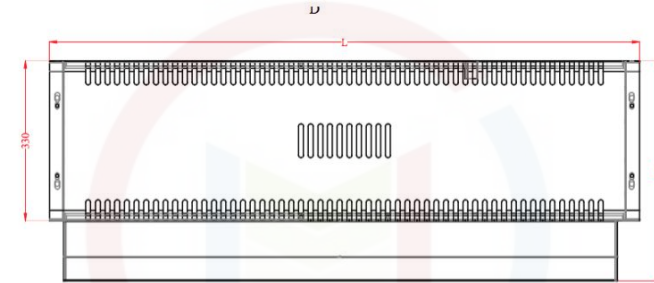
R** Series



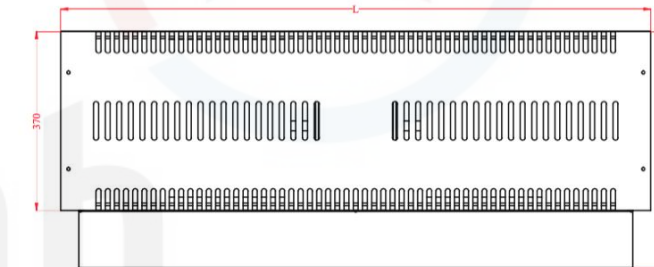
S** Series



D** Series



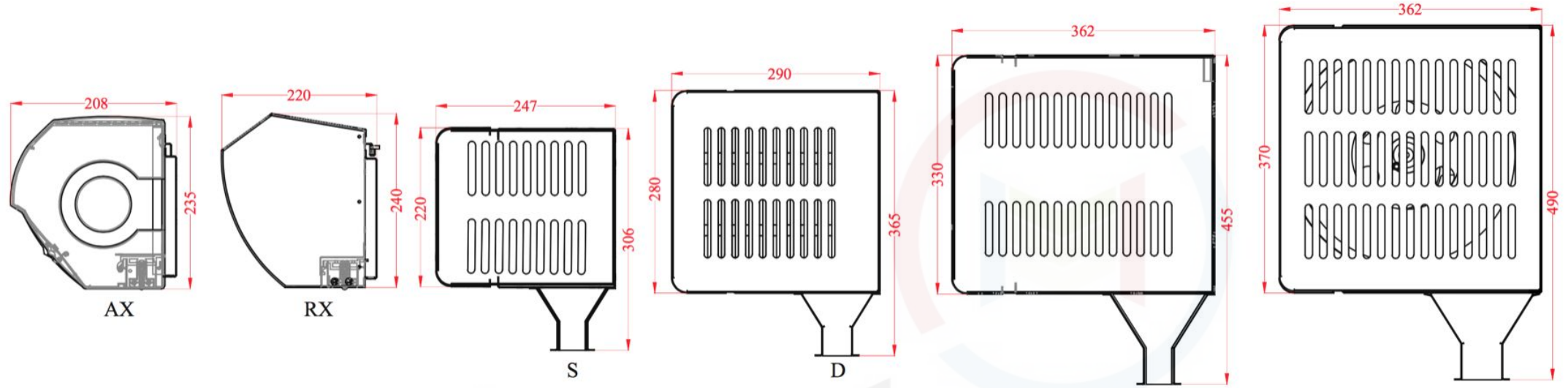
C** Series



I** Series



Physical Dimension Comparison (Side View)



**Drawing
1001**

**Drawing
1002**

**Drawing
1003**

**Drawing
1004**

**Drawing
1005**

**Drawing
1006**



Sizes Availability

600 mm	√	√								
900 mm	√	√	√	√	√	√	√	√	√	√
1000 mm	√	√	√	√	√	√	√	√	√	√
1200 mm	√	√	√	√	√	√	√	√	√	√
1500 mm	√	√	√	√	√	√				
1800 mm	√	√	√	√	√	√				
2100 mm		√	√	√	√	√				
Model Series	ARP ARS	ASP ASS RSP RSS RSL	DPP DPS	DPP-FA DPS-FA	DPP-CP DPS-CP	DPP-CA DPS-CA	CPP-AA CPS-AA	CPP-CA CPS-CA	SPP SPS	FC



Construction Details

Main Plate	PC	SS304	PC	SS304	PC	SS304	PC	PC	SS304	PC
Back Plate	PC	SS304	PC	SS304	PC	SS304	PC	PC	SS304	PC
Front Cover	Alum	Alum	Alum	Alum	PC	SS304	SS304	PC	SS304	SS304
Grill	Plastic	Plastic	Plastic	Plastic	PC	SS304	SS304	PC	SS304	SS304
Blower	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Speed	H / M / L	H / M / L	H / L	H / L	H / L	H / L	H / L	H / L	H / L	H / L
Remote	√	√								
Door Switch Activation			√	√	√	√	√	√	√	√
Drawing Reference	Dwg 1001	Dwg 1001	Dwg 1001	Dwg 1001	Dwg 1002	Dwg 1002	Dwg 1002	Dwg 1002	Dwg 1002	Dwg 1002
Model Series	ARP-AP ARP-BP	ARS-AP ARS-BP	ASP-AP ASP-BP ASP-EP	ASS-AP ASS-BP ASS-EP	RSP-AP RSP-BP RSP-EP	RSS-AP RSS-BP RSS-EP	RSL-AP RSL-BP RSL-EP	SSP-AP SSP-BP SSP-EP	SSS-AP SSS-BP SSS-EP	SSL-AP SSL-BP SSL-EP



Construction Details

Main Plate	PC	SS304	SS304	PC	SS304	PC	SS304	PC	SS304	PC
Back Plate	--	--	--	--	--	--	--	--	--	--
Front Cover	PC	SS304	SS304	PC	SS304	PC	SS304	PC	SS304	PC
Grill	--	--	--	--	--	--	--	--	--	--
Blower	Plastic	Plastic	SS304	Alum	Alum	Alum	Alum	Plastic	Plastic	GI
Speed	H	H	H	H	H	H	H	H	H	H
Remote										
Door Switch Activation	√	√	√	√	√	√	√	√	√	√
Drawing Reference	Dwg 1003	Dwg 1003	Dwg 1003	Dwg 1003	Dwg 1003	Dwg 1004	Dwg 1004	Dwg 1005	Dwg 1005	Dwg 1005
Model Series	DPP-FP DPP-CP	DPS-FP DPS-CP	DPS-FS DPS-CS	DPP-FA DPP-CA	DPS-FA DPS-CA	CPP-FA CPP-CA	CPS-FA CPS-CA	SPP	SPS	IPP



Technical & Dimensional Spec (ARP & ARS Series)

Flow Type	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating
Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
RPM	2800	2800	2800	2800	2800	2800
Number of Motor @ Wattage	1 @ 120W	1 @ 120W 1 @ 80W	1 @ 120W 1 @ 80W	2 @ 120W	2 @ 120W 1 @ 80W	3 @ 120W
Number of Blowers	2	3	3	4	5	6
Max Vel at Nozzle (H / M / L) m/s	21 / 18 / 16	21 / 18 / 16	21 / 18 / 16	21 / 18 / 16	21 / 18 / 16	21 / 18 / 16
Remote	√	√	√	√	√	√
CMH	1000	1500	1500	2000	2500	3000
Sound Level (db) A Scale	56	56	56	57	58	58
Dimensions (mm) (Width X Height X Length)	208 235 605	208 235 900	208 235 1000	208 235 1195	208 235 1490	208 235 1785
Height (mm)	235	235	235	235	235	235
Weight	10 Kgs	15 Kgs	16 Kgs	18 Kgs	23 Kgs	26 Kgs
CBM per 100	5.4	7.8	8.6	10.2	12.6	15.0
Shipping Dimension	280 290 665	280 290 960	280 290 1060	280 290 1255	280 290 1550	280 290 1845
Pictorial Representation	Dwg 1001	Dwg 1001	Dwg 1001	Dwg 1001	Dwg 1001	Dwg 1001
Model Series	ARP 1060 AP	ARP 2090 AP	ARP 2100 AP	ARP 2120 AP	ARP 3150 AP	ARP 3180 AP



Technical & Dimensional Spec (ASP & ASS Series)

Flow Type	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating
Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
RPM	2800	2800	2800	2800	2800	2800	2800
Number of Motor @ Wattage	1 @ 120W	1 @ 120W 1 @ 80W	1 @ 120W 1 @ 80W	2 @ 120W	2 @ 120W 1 @ 80W	3 @ 120W	3 @ 120W 1 @ 80W
Number of Blowers	2	3	3	4	5	6	7
Max Vel at Nozzle (H / L) m/s	21 / 16	21 / 16	21 / 16	21 / 16	21 / 16	21 / 16	21 / 16
MOC Motor Shell	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Motor Winding	Copper	Copper	Copper	Copper	Copper	Copper	Copper
CMH	1000	1500	1500	2000	2500	3000	3500
Sound Level (db) A Scale	56	56	56	57	58	58	59
Dimensions (mm) (Width X Height X Length)	208 235 605	208 235 900	208 235 1000	208 235 1195	208 235 1490	208 235 1785	208 235 2080
Weight	10 Kgs	15 Kgs	16 Kgs	18 Kgs	23 Kgs	26 Kgs	28 Kgs
CBM per 100	5.4	7.8	8.6	10.2	12.6	15.0	17.4
Shipping Dimension	280 290 665	280 290 960	280 290 1060	280 290 1255	280 290 1550	280 290 1845	280 290 2140
Pictorial Representation	Dwg 1001	Dwg 1001	Dwg 1001	Dwg 1001	Dwg 1001	Dwg 1001	Dwg 1001
Model Series	ASP 1060 AP	ASP 2090 AP	ASP 2100 AP	ASP 2120 AP	ASP 3150 AP	ASP 3180 AP	ASP 4210 AP



Technical Specification (all Series)

Flow	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating
Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Material of Blower	Plastic	Plastic	Stainless Steel 304	Aluminium	Plastic	Aluminium	Aluminium	Aluminium	Plastic	Aluminium	Galvanised Iron
Blower Diameter	5 inch	8 inch	8 inch	8 inch	8 inch	8 inch	9 inch	9 inch	6 inch	9 inch	242 mm
Motor	120W 80W	0.33 HP	0.33 HP	0.33 HP	0.5 HP	0.5 HP	0.5 HP	0.5 HP	1 HP	0.75	3 HP
Phase	Single	Single	Single	Single	Three	Three	Single	Three	Single	Three	Three
RPM	2800	1400	1400	1400	1400	1400	1400	1400	2800	1400	1400
Max Velocity at Nozzle	21 m/s	20 m/s	20 m/s	20 m/s	20 m/s	20 m/s	23 m/s	23 m/s	25 m/s	23 m/s	28 m/s
Motor Type	Capacitor Start & Run	Capacitor Start & Run	Capacitor Start & Run	Capacitor Start & Run	Squirrel Cage Motor	Squirrel Cage Motor	Capacitor Start & Run	Squirrel Cage Motor	Capacitor Start & Run	Flame Proof	Squirrel Cage Motor
Model Series	ARP ARS ASP ASS RSP RSS RSL	DPP DPS	DPP-FS DPS-FS	DPP-FA DPS-FA	DPP-CP DPS-CP	DPP-CA DPS-CA	CPP CPS	CPP-CA CPS-CA	SPP SPS	FC	IPP



Technical & Dimensional Spec (RSP, RSS & RSL Series)

Flow Type	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating
Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
RPM	2800	2800	2800	2800	2800	2800	2800
Number of Motor @ Wattage	1 @ 120W	1 @ 120W 1 @ 80W	1 @ 120W 1 @ 80W	2 @ 120W	2 @ 120W 1 @ 80W	3 @ 120W	3 @ 120W 1 @ 80W
Number of Blowers	2	3	3	4	5	6	7
Max Vel at Nozzle (H / L) m/s	21 / 16	21 / 16	21 / 16	21 / 16	21 / 16	21 / 16	21 / 16
MOC Motor Shell	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Motor Winding	Copper	Copper	Copper	Copper	Copper	Copper	Copper
CMH	1000	1500	1500	2000	2500	3000	3500
Sound Level (db) A Scale	56	56	56	57	58	58	59
Dimensions (mm) (Width X Height X Length)	220 245 605	220 245 900	220 245 1000	220 245 1195	220 245 1490	220 245 1785	220 245 2080
Weight	10 Kgs	15 Kgs	16 Kgs	18 Kgs	23 Kgs	26 Kgs	28 Kgs
CBM per 100	5.4	7.8	8.6	10.2	12.6	15.0	17.4
Shipping Dimension	280 290 665	280 290 960	280 290 1060	280 290 1255	280 290 1550	280 290 1845	280 290 2140
Pictorial Representation	Dwg 1002	Dwg 1002	Dwg 1002	Dwg 1002	Dwg 1002	Dwg 1002	Dwg 1002
Model Series	RSP 1060 AP	RSP 2090 AP	RSP 2100 AP	RSP 2120 AP	RSP 3150 AP	RSP 3180 AP	RSP 4210 AP



Technical & Dimensional Spec (CPP-CA, CPP-FA, CPS-CA, CPS-FA Series)

Flow Type	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating
Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
RPM	1400	1400	1400	1400
Number of Motor @ Wattage	1 @ 0.5 HP	1 @ 0.5 HP	1 @ 0.5 HP	1 @ 0.5 HP
Number of Blowers	2	2	2	2
Max Vel at Nozzle m/s	23	23	23	23
MOC Motor Shell	Sheet Metal	Sheet Metal	Sheet Metal	Sheet Metal
Motor Winding	Copper	Copper	Copper	Copper
CMH	4000	4000	4000	4000
Sound Level (db) A Scale	61	61	61	61
Dimensions (mm) (Width X Height X Length)	365 470 915	365 470 1067	365 470 1219	365 470 1350
Weight	33 Kgs	35 Kgs	37 Kgs	39 Kgs
CBM per 100	17.2	19.9	22.7	24.1
Shipping Dimension	370 490 945	370 490 1100	370 490 1250	370 490 1350
Pictorial Representation	Dwg 1003	Dwg 1003	Dwg 1003	Dwg 1003
Model Series	CPX 1090 XX	CPX 1100 XX	CPX 1120 XX	CPX 1135 XX

Technical & Dimensional Spec

(DPP-CA, DPP-CP, DPP-FA, DPP-FP, DPS-CA, DPS-CP, DPS-FA, DPS-FP Series)



Flow Type	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating	Non Recirculating
Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
RPM	1400	1400	1400	1400	1400	1400
# Motor @ Wattage (Al & Plastic Blower)	1 @ 0.33 HP	1 @ 0.33 HP	1 @ 0.33 HP	2 @ 0.33 HP	2 @ 0.33 HP	2 @ 0.33 HP
# Motor @ Wattage SS304 Blower)	1 @ 0.75 HP	1 @ 0.75 HP	1 @ 0.75 HP	2 @ 0.75 HP	2 @ 0.75 HP	2 @ 0.75 HP
Number of Blowers	2	2	2	4	4	4
Max Vel at Nozzle m/s	20	20	20	20	20	20
MOC Motor Shell	Sheet Metal	Sheet Metal	Sheet Metal	Sheet Metal	Sheet Metal	Sheet Metal
Motor Winding	Copper	Copper	Copper	Copper	Copper	Copper
CMH	3000	3000	3000	6000	6000	6000
Sound Level (db) A Scale	60	60	60	61	61	61
Dimensions (mm) (Width X Height X Length)	290 375 915	290 375 1067	290 375 1219	290 375 1524	290 375 1830	290 375 2134
Weight	24 Kgs	26 Kgs	28 Kgs	45 Kgs	49 Kgs	53 Kgs
CBM per 100	11.1	12.9	14.6	18.3	21.8	25.3
Shipping Dimension	300 390 945	300 390 1100	300 390 1250	300 390 1550	300 390 1860	300 390 2165
Pictorial Representation	Dwg 1003	Dwg 1003	Dwg 1003	Dwg 1003	Dwg 1003	Dwg 1003
Model Series	DPX 1090 XX	DPX 1100 XX	DPX 1120 XX	DPX 2155 XX	DPX 2180 XX	DPX 2210 XX

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