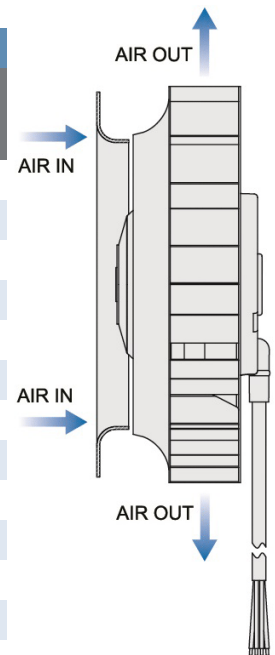




### AC Backward Curved Impellers:

- 120V, 230V, and dual voltage AC options
- Exceptional static pressure
- Higher airflow than standard axial fans
- Long-life two ball bearing design
- 360° airflow exhaust
- Die cast motor base
- Thermal protection
- Dual speed designs available
- Integrated mounting & inlet ring designs available

AC MOTORIZED IMPELLERS					
PART NUMBER	METRIC DIMENSION	AIRFLOW (CFM)	PRESSURE (IN H <sub>2</sub> O)	SOUND (dbA)	INLET RING PART #
UF133(72)APA	133 dia. x 72mm	188	0.88	60	IR-133
UF133(91)APA	133 dia. x 91mm	188	0.88	60	IR-133
UF175AMA	175 dia. x 55mm	265	1.30	70	IR-190
UF180(55)APA	182 dia. x 55mm	290	1.40	67	IR-190
UF180APA	182 dia. x 85mm	300	1.30	63	IR-190
UF190APA	190 dia. x 70mm	370	1.20	63	IR-190
UF220APA	223 dia. x 71mm	530	1.70	70	IR-220
UF225(69)APA	225 dia. x 69mm	550	2.30	72	IR-225
UF225(85)APA	225 dia. x 85mm	680	2.50	75	IR-225
UF225(99)APA	225 dia. x 99mm	770	2.60	71	IR-225
UF250APA	251 dia. x 98mm	850	2.90	76	IR-250
UF318AAA	318 dia x 154mm	1165	1.60	66	IR-318
UF360AAA	360 dia x 167.3mm	1645	2.20	70	IR-360
UF400AAA	400 dia. x 162.4mm	1900	5.36	73	IR-400



AC IMPELLERS WITH INTEGRATED INLET & MOUNTING RINGS				
PART NUMBER	METRIC DIMENSION	AIRFLOW (CFM)	PRESSURE (IN H <sub>2</sub> O)	SOUND (dbA)
UF190APA-F	235 dia x 87mm	247	1.50	63
UF220APA-F	259 dia x 98mm	434	1.70	65
UF225(99)APA-F	259 dia x 117mm	547	2.60	71
UF250APA-F	259 dia x 131mm	681	3.10	72





## DC Backward Curved Impellers:

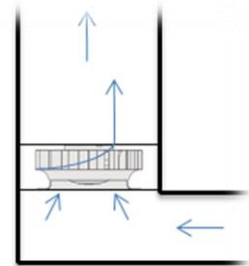
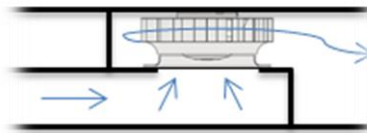
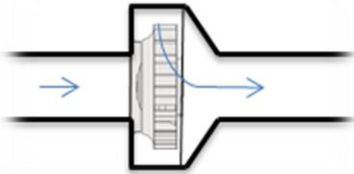
- 12V, 24V, and 48V DC options
- Exceptional static pressure and efficiency
- Higher airflow than standard axial fans
- Long-life two ball bearing design
- 360° airflow exhaust
- Die cast motor base
- Variable speed control & tachometer

DC MOTORIZED IMPELLERS					
PART NUMBER	METRIC DIMENSION	AIRFLOW (CFM)	PRESSURE (IN H2O)	SOUND (dba)	INLET RING PART #
MSI1225	120 dia. x 25mm	63.2	0.57	54	-
MSI1380	133 dia. x 80mm	177	1.78	66	IR-133
MSI1769	175 dia. x 69mm	345	1.80	72	IR-190
MSI1967	190 dia. x 67mm	358	1.83	71	IR-190
MSI2577	250 dia. x 77.3mm	716	3.37	76	IR-250
MSI3116	315 dia. x 161mm	1675	3.15	76	IR-318

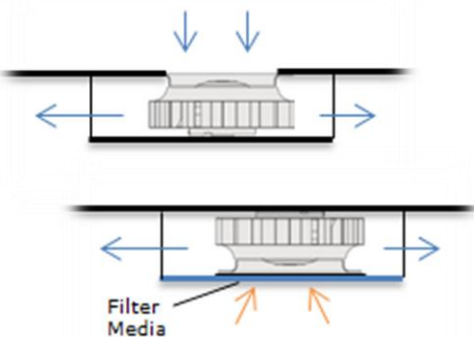


## Typical Impeller Installations

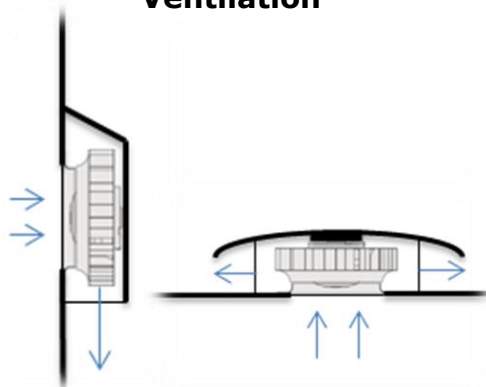
### Ducting



### Circulation and Filtration



### Ventilation



### Cabinets & Enclosures

