

TIME & ECOLOGY
AMANO®

PULSE JET DUST COLLECTOR

PPC-t SERIES



Specifications

Model	PPC-30t			PPC-45t			PPC-60t			PPC-75t			PPC-150t									
Power(Volts,Hz)				three phase200/380v 50Hz																		
Motor output(kW)	1.5kW			2.2kW			3.7kW			5.5kW			5.5kWx2									
Dust collector	B=Operation point	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C						
	Capacity(m ³ /min)	0	20	30	0	30	45	0	40	60	0	60	90	0	120	180						
	Static pressure(kPa)	2.55	1.90	0.88	2.53	1.79	0.53	2.77	2.13	1.00	3.1	2.5	1.1	3.2	2.6	0.8						
Noise(dB[A])	less than 67±2					less than 70±2					less than 73±2											
Units(pcs.)	4			6			8			12			24									
Shape	Mold cartridge type																					
Dust off	Auto pulsejet																					
Filter	Standard	Material	Polyester span bond																			
		Surface area(m ²)	9.0	13.5	18.0	27.0	54.0															
Nanofiber(option)	Base material:PET(Polyethylene terephthalate)Blended cellulose+surface treatment:PP(Polypropylene)																					
Anti-static filter(option)	Base material:Polyester+surface treatment:Stainless evaporator																					
Collecting efficiency(%)	99.9% for 10micron and over																					
Diaphragm valves(pcs)	2	3	4	6																		
Compressed air consumption(L/min)	20	30	40	46	82																	
Compressed air pressure[MPa]	0.5±0.1																					
Buket capacity(litters)	22.5x1			14x2			22.5x2			-												
Power cord(m)	3(4-corewires,without plug)																					
Suction port diameter(mm)	φ150	φ200	φ250	φ300	φ380																	
Ambient temperature(°C)	0~40																					
Permissible intake air temperature(°C)	0~40																					
Size:WxDxH(mm)	650x650x1662	650x850x1692	700x1100x1817	1000x1100x1825	1544x1654x2667																	
Weight(kg)	175	220	290	430	890																	
Paint color	M70460CN(Munsell 2.5Y8.5/1)																					

Noise listed is only for reference, and does not include the noise of pulse jet.

Listed are for standard units, and those may change, depending on custom requirements.

Features

Easy operation

Operation is ON/OFF and pulse jet switching only.

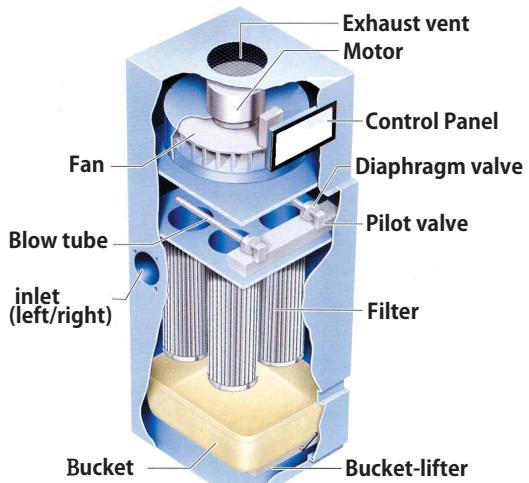


Jet amp filter

The Amano's proprietary jet amplifier in the filters increases the effectiveness of the jet operation. The filters can be easily replaced without special tools.



Internal design



For Your Safety

- Read operation manual very carefully prior to operation of your dust collector.
- The PPC-t Series Dust Collector is intended for collecting particles that do not pose the risk of dust explosion or fire.
- Never allow the following substances to get into the dust collector.
 - Explosive, flammable powder...Magnesium, aluminum, titanium, zinc, epoxy, organic solvent, etc.
 - Inflammable substances...gasoline, thinner, benzene kerosene, paint, etc.
 - Dust with sparks...Dust produced by a high speed cutter, grinder, welding machine, etc.
 - Ashes...Cigarette butts, ashes, etc.
 - Other...Water, oil and chemical, etc.
- If your powder has a risk of sparks during metal cutting process, select a model with the spark suppression design.
- Never install the dust collector in a dangerous place specified by laws regulations, etc.
- Never operate the dust collector in or near an area where inflammable, explosive particles or corrosive mist, fumes or gases are present.
- Please comply with any regulations stipulated by laws or ordinances for installation of dust collectors.
- Maintain an ambient temperature of 0 to 40°C.
- Be sure to ground the dust collector to avoid electric shock.
- Make sure that your pipe work is straight not to allow powder to accumulate, with a proper diameter and shortest length to your powder collection.
- When the anti-static filters are used, use the conductive bucket.
- Always empty bucket or hopper before you start daily operation.
- According to instructions about maintenance mentioned in an instruction manual, please enforce check and a periodic inspection strictly every day.

Please comply with any regulations stipulated by laws or ordinances for inspection of dust collectors.

Specifications and descriptions contained in this catalog may be subject to change without notice.

Please direct any questions to:

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