

## TITAN CARTRIDGE DUST COLLECTOR INSTALLATION AND OPERATIONAL INSTRUCTIONS

### INSTALLATION:

- 1) Remove packaging from dust collector and any additional operating instruction pamphlets, collector should be placed on a level operating surface.
- 2) Review any and all additional operation instructions before proceeding with installation.
- 3) Check voltage and required amperage of electric fan motor. A qualified electrician should make all necessary electrical connections. (See separate manual for motor/fan installation.)
- 4) After electrical connections are made, check for proper fan rotation.
- 5) Connect filter pulse electrical plug to suitable 110 volt grounded receptacle (15 amp).
- 6) Connect air supply for filter pulse with a 1" minimum flexible air supply line. Pressure should be regulated to 80 P.S.I. maximum inlet pressure. Air must be clean and moisture free!
- 7) Filter pulse timer preset for application at factory. Consult factory for further adjustments if collector performance decreases after initial operation.
- 8) Connect air inlet to intake on enclosure with air tight connections using flexible line. Do not use reducers in line.
- 9) Connect exhaust from fan to outlet duct work (if desires).

### OPERATION:

- 3) Turn on fan/blower assembly first.
- 4) Open air source to filter pulse.
- 5) Turn on filter pulse timer.
- 6) Check filter pulse for operation at all filters.

MAINTENANCE:

- 1) Inspect dust drawers daily for accumulation, clean when necessary.
- 2) Inspect filters for wear or excessive dust accumulation. Replace when worn or if dust is present at outlet of fan. Replace filters if moisture enters filter pulse at any time.
- 3) Inspect entire unit for leaks daily. Repair leaks immediately.
- 4) Check filter pulse daily for operation at all filters.
- 5) Inspect all hardware on unit daily. Check for missing bolts, nuts, etc. Replace immediately.

For further information regarding Titan cartridge dust collectors, please contact our Service Department at (570)648-4774.

## PARTS LIST FOR CDC SERIES TITAN DUST COLLECTOR

- 2) 3 Phase motor (state h.p. and voltage)
- 3) Motor and fan assembly complete (state serial number)
- 4) Filter pulse valve complete (110 volt)
- 5) Solenoid only for filter pulse valve (110 volt)
- 6) Greenfield wire (per ft.)
- 7) Air chamber
- 8) Timer assembly with enclosure (110 volt)
- 9) Filter cartridge (each)
- 10) Door gasket (per ft.)

## PARTS LIST FOR PTR SERIES PULL THROUGH RECLAIM SYSTEM

- 1) Blast gate complete (state size)
- 2) Dust recovery hose - per ft. (state I.D.)
- 3) Dust reclaim hose - per ft. (state I.D.)
- 4) Media reclaim assembly (state c.f.m.)
- 5) Media reclaim hose (state I.D.)
- 6) Storage hopper (state tank I.D.)
- 7) Gasket for inspection door (per ft.)
- 8) Reclaim screen (state c.f.m. of reclaim)
- 9) Exhaust hose from blast machine (per ft.)