



DUST COLLECTION SYSTEMS



- ◆ Conforms to OSHA standard 1926.1153
- ◆ Filters down to .3 microns with 99.97% efficiency
- ◆ The systems can be located within a 30' radius from work area to lessen possible silica exposure
- ◆ The cyclonic pre-separator removes more than 90% of dust and debris prior to the HEPA filter
- ◆ Works with all air powered tools or electric tools
- ◆ Portable and easily maneuvered around work site
- ◆ HEPA filter has a 2 to 3 year life expectancy and can be washed
- ◆ The dirt and debris can be thrown away (no wet slurry that requires additional disposal practices and costs)
- ◆ Virtually maintenance free (no moving parts)
- ◆ Made in USA

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254-587-2533 (Int'l calls)

NEVADA
1-800-858-1222

VIRGINIA
1-800-626-1091

DUST COLLECTION SYSTEMS

SPECIFICATIONS

MODEL #	# OF USERS / UNIT	VACUUM AIR FLOW (CFM)	VACUUM SUCTION (INCHES OF H2O)	COMPRESSED AIR (CONSUMPTION)	VACUUM HOSE LENGTH	HOSE DIA. / CONNECTOR	CANISTER SIZE	FILTER TYPE	LENGHT	WIDTH	HEIGHT	TOTAL WEIGHT
TX-DCS2	1	430	42"	40 CFM	30'*	2"	20 GAL	HEPA	20"	20"	47"	58 LBS +
TX-DCS-MU3	3	1290 (430 EA)	42" / Line	120 CFM	30'***	2"	20 GAL	HEPA	20"	20"	47"	115 LBS +
TX-DCS3	1	1100	12"	45 CFM	30'	8"	20 GAL	HEPA	59"	30"	80"	244 LBS ++
TX-DCS-MU5	5	2150 (430EA)	42" / LINE	245 CFM	60'***	2"	20 GAL	HEPA	59"	30"	80"	332 LBS ++

* 1-5' SECTION & 1-25' SECTION
 ** 1-5' SECTION (3PCS) & 1-25' SECTION (3PCS)
 *** 1-5' SECTION (5PCS), 1-25' SECTION (5PCS) & 1-30' DUCTING SECTION (1PC)
 All flow rates are measured with hoses and filters attached.
 + INCLUDES VACUUM HOSES & TX-2AM AIR MOVERS
 + INCLUDES VACUUM HOSES & TX-2AM AIR MOVERS & CART

New OSHA Regulations Standard Number 1926.1153 Title: Respirable Crystalline Silica

Effective **September 23, 2017**, OSHA started enforcement of **Standard 1926.1153**. This standard requires all occupation exposures of respirable crystalline silica to be collected by a commercially available dust collection system. The dust collector must have a filter with a 99% or greater efficiency rating.

Crystalline Silica is in dust created while chipping, drilling, sawing or grinding concrete, brick, stone (granite or quartz), mortar or any product that contains crystalline silica. According to OSHA, "visible dust contains large particles that are easy to see. The tiny, respirable-sized particles (those that can get into the deep lung) containing silica pose the greatest hazard and are not visible. Most dust-generating construction activities produce a mixture of visible and respirable particles."

In an effort to help our customers conform to the law, we have developed Dust Collection Systems. These systems will capture the dust at the source and filter it through a HEPA filter which has a 99.97% efficiency rating. The HEPA filter removes particles down to 0.3 microns in size. The 0.3 to 10 micron particles are the tiny, respirable-sized particles that pose the biggest threat.

To extend the HEPA filter life expectancy of 2 to 3 years, a cyclonic pre-separator is placed in front of the HEPA filter. The cyclonic design uses centrifugal force to literally spin dust and debris out of the air stream and trap it in the container below. Over 90% of the dust and debris is removed before the HEPA filter.

To see a video of our systems in action, go to the Videos section of our website airtools.com or in the Percussion Tool section under the Chipping Hammer, Rivet Buster, Paving Breakers and Rock Drill sub-sections. The systems shown in the video are operating at 100 psi. The adjacent chart shows the flow rates and consumption rates of our systems. OSHA's minimum recommended air flow rate for a vacuum system is 100 cfm.

The systems are designed to be used for dry dust collection. Therefore, they can be used year round and in all work environments. The systems can be used with all Texas Pneumatic percussion tools or rock drills as well as any other manufacturers' percussion tools, rock drills or grinders and saws.