



AFT CARTRIDGE DUST COLLECTOR ADVANTAGES

- **Vertical design:** Vertical filter cartridges provides more efficient pulsing of dust, thus eliminating uneven dust loading associated with horizontally mounted cartridges.
- **High efficiency:** MERV11 – MERV16 or 99,99% - 99.999% on 0.5 micron and larger particles by weight.
- **Saving energy:** low initial pressure drop (min ΔP 125Pa - max ΔP 1000Pa). Saving compressed air consumption with DP & timing setting.
- **10 years warranty:** with heavy duty carbon steel construction for long life - Dust collector module constructed of 4 mm carbon steel. The door, hopper, inlet and panels are all 3 mm steel.
- **Easy maintenance & installation:** with cam bar, replacement cartridge without tool. Modular design dust collector provides optimum field for installation.
- **Long service life cartridge filter:** Design with high-quality media area to provide low velocity and low DP.
- **Designed to reduce dust loading on the filters:** The channel baffles installed in the inlet, it helps to protect the filters from incoming dust and separate the larger particles directly into the hopper and cartridge filters.
- **Powder coat paint:** All carbon steel components inside and outside.
- **Wide range application and specific dust:** Multiple filter media and pleat spacing options are available (Nordic & Camfil manufacturer cartridges) It is the most suitable selection for you.
The dust collector utilizes cartridge technology to deliver clean air and long life while utilizing the smallest floor space of any dust collector available today.

TYPES	CARTRIDGE NUMBER	FILTER AREA (m ²)	AIRFLOW (m ³ /h)	MODULE DIMENSION (W x L .mm)	WEIGHT (kg)
DCT-01-X	1	12÷30	1,000÷1,700	650x650	225
DCT-02-X	2	24÷60	2,000÷3,500	1220x670	650
DCT-04-X	4	48÷120	4,000÷6,800	1220x1220	750
DCT-06-X	6	72÷180	6,000÷10,200	1220x1770	1,100
DCT-08-X	8	96÷240	8,000÷13,600	1270x2370	1,350
DCT-10-X	10	120÷250	10,000÷17,000	1270x2920	1,550
DCT-12-X	12	144 ÷360	12,000÷20,400	1770x1770	1,800
DCT-16-X	16	192÷420	16,000÷27,200	2320x2320	2,400
DCT-20-X	20	240÷600	20,000÷34,000	2370x2920	3,000
DCT-24-X	24	288÷720	24,000÷40,800	2320x3420	3,150
DCT-32-X	32	384÷960	32,000÷54,400	2370x4570	4,200
DCT-40-X	40	480÷1,200	40,000÷68,000	2370x5670	5,100
DCT-48-X	48	576÷1,440	48,000÷81,600	3570x4670	7,250
DCT-60-X	60	720÷1,800	60,000÷102,000	3570x5770	7,500
DCT-64-X	64	768÷1,920	64,000÷108,800	2070x8970	9,500
DCT-72-X	72	864÷2,160	72,000÷122,400	3570x6770	9,400
DCT-84-X	84	1,008÷2,520	84,000÷142,800	3570x7870	10,700
DCT-96-X	96	1,152÷2,880	96,000÷163,200	3570x8970	12,000
DCT-120-X	120	1,440÷3,600	120,000÷204,000	3570x11170	14,500

* Filter area: Min = 12 m² Polyester cartridges, size OD360x1000; max = 30.2 m² cellulose synthetic with size OD380 x L1000.

* Min/max Airflow will change with dust loading and application.

* X are types of dust collector:

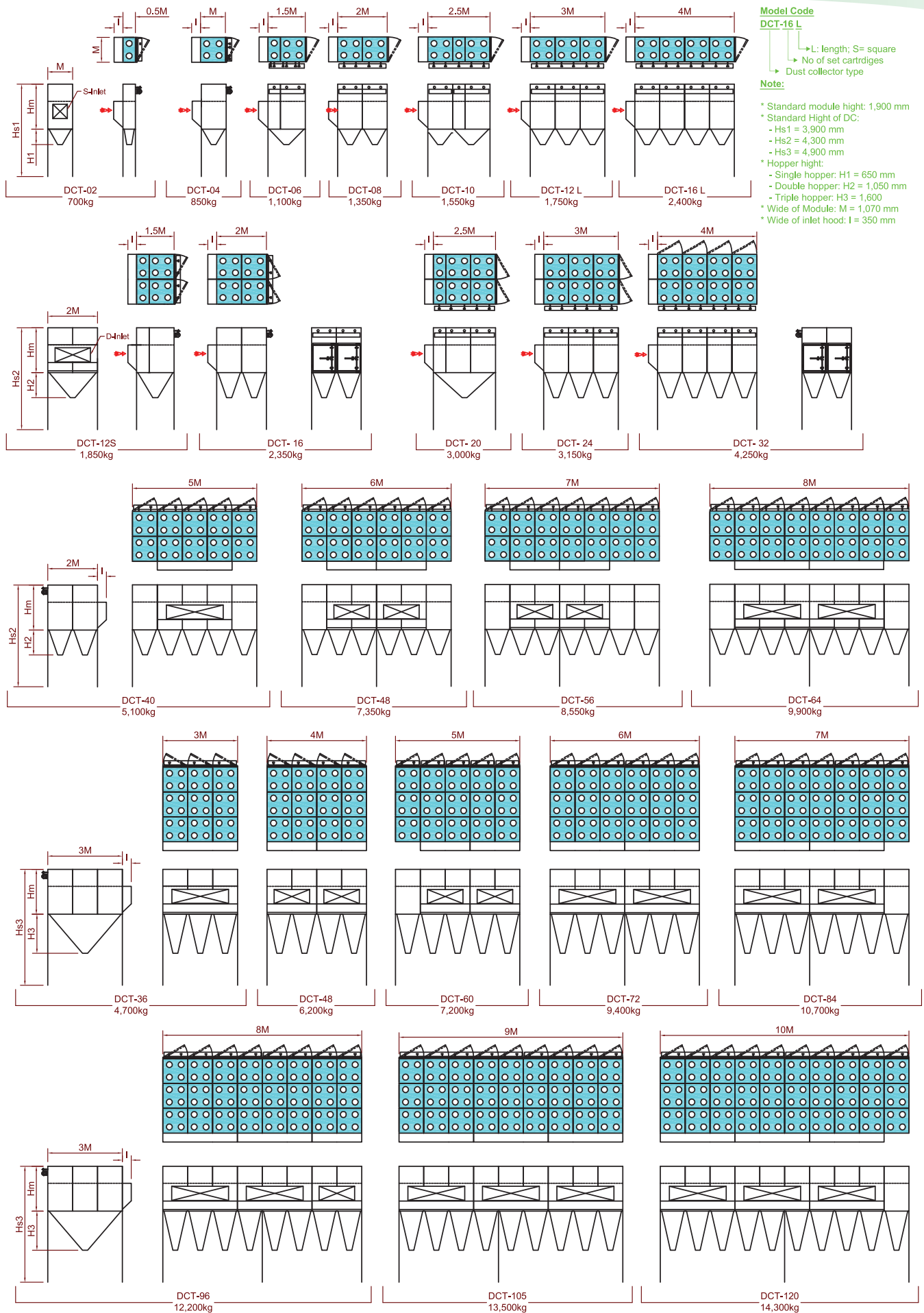
-- : (Blank) Using Nordic filter - Standard version

GS: using Camfil filter

BIBO: integrated BIBO

HE: integrated module HEPA

Mini: Using mini filter 660mm length



DUST COLLECTOR FOR PHARMACEUTICAL INDUSTRY

Protecting personnel from toxic or allergenic dust:

Bag-in/Bag-out containment systems for both cartridges filters and discharge system underneath the collector. Dust collectors with HEPA filter at exhaust are designed following Occupational Exposure Limit (OEL) knowledge.

Preventing explosion:

If customer require ATEX regulation, all components are designed and equipped to meet ATEX or NFPA.

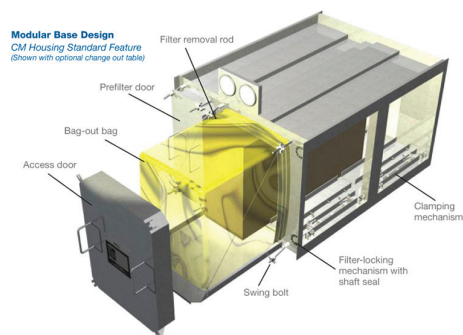
Continuous liner technology: the cartridge change uses the safe change filter replacement method while the discharge uses.

Pharmaceutical processes application:

- ◆ Tablet presses
- ◆ Tablet coating
- ◆ Fluid bed drying
- ◆ Spray drying
- ◆ Blending
- ◆ Granulation
- ◆ General room ventilation
- ◆ House and high-vacuum systems



BIBO for Cartridge Door



BIBO for HEPA FILTER



BIBO for Dust Discharge



Isolation Flap Valve



Flameless vent