

# DE-SANDING UNIT SPECIFICATION



MODEL	D.150-1/1-1	D.150-2/3-1	D.150-3/3-1	D.150-4/6-1	D.150-6/6-1
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### Cyclone unit

Number of De-sanding cyclone	1	2	3	2	3
Diameter of cyclone (mm.)	150	150	150	150	150
Flow rate (Cu.m/h) Max.	45	90	135	180	270
Inlet (type/size)	Sanitary coupling/DN80	Flange/DN100	Flange/DN100	Flange/DN150	Flange/DN150
Outlet (type/size)	Sanitary coupling/DN80	Flange/DN100	Flange/DN100	Flange/DN100	Flange/DN100
Pressure drop (Bar)	1.5	1.5	1.5	1.5	1.5
Working pressure (Bar)	1.5-5	1.5-5	1.5-5	1.5-5	1.5-5
Conical cone material	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic

### Collector tank

Wall thickness (mm.)	3	3	3	3	3
Material	304	304	304	304	304
Water inlet size	DN25	DN25	DN25	DN25	DN25
Water inlet valve	Ball valve/one way valve	Ball valve/one way valve	Ball valve/one way valve	Ball valve/one way valve	Ball valve/one way valve
Water pressure (bar) Max.	6	6	6	6	6
Water consumption (Cu.m/h)	0.4	0.8	1.2	1.6	2.4
Sight glass	Yes	Yes	Yes	Yes	Yes

### Draining system

Valve type	Butterfly valve	Butterfly valve	Butterfly valve	Butterfly valve	Butterfly valve
Number of valve	2	2	2	2	2
Outlet	Flange/DN40	Flange/DN40	Flange/DN50	Flange/DN40	Flange/DN50
Air pressure (bar) Max.	6	6	6	6	6

### Control unit

Voltage	220	220	220	220	220
Air pressure (bar) Max.	10	10	10	10	10
Air inlet port (mm.)	8	8	8	8	8

### Dimension

Width (mm.)	710	984	984	984	984
Long (mm.)	970	1,000	1,000	1,000	1,000
Height (mm.)	2,663	3,008	3,008	3,008	3,008
Weight (kg) Appx.	135	225	250	405	460

\* Calculation base on 25% starch content, production efficiency min. 93%

\* Specifications of this product are subject to change without notice.

KR-DS-D2102001