



Made To Order Specifications
Consult SMC regarding detailed dimensions, specifications, and delivery times

2 With Micro Mist Separator Regulator (Series AWD)

This can be used when very clean air is required (supply for air bearings, semiconductor parts blow, etc.).
The V type regulator (AR) is modified to produce the micro mist separator regulator (AWD).

Specifications

Outlet air filtration degree	0.01μm (95% filtered particle diameter)
Outlet air oil mist concentration	Max. 0.1mg/m ³ (ANR) (0.08ppm) ^{Note 1)} (prior to oil saturation 0.01mg/m ³ (ANR) or less (0.008ppm or less)

Note 1) With inlet air oil mist concentration of 30mg/m³ (ANR) (24ppm)

Applicable models

Applicable model	IDG3V to IDG50V (standard dew point -20°C (-4°F)) IDG3HV to IDG50HV (standard dew point -15°C (5°F)) IDG30LV to IDG100LV (standard dew point -40°C (-40°F)) IDG60SV to IDG100SV (standard dew point -60°C (-76°F))
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How to Order * Refer to order procedures for standard specifications on page 17.

IDG 10 [] V - [] 03 [] - [] X017

Size

3
5
10
20
30
50
60
75
100

Standard dew point*

Optional specifications*

Symbol	Contents	Size									
		3	5	10	20	30	50	60	75	100	
Nil	Standard	●	●	●	●	●	●	●	●	●	
R	Flow direction (right→left)	●	●	●	●	●	●	●	●	●	
S	With dew point indicator	●	●	Standard equipment							

• Drain discharge symbol*

• Port size*

• Thread type*

• Component equipment

- Mist separator
- Micro mist separator
- Membrane air dryer
- Micro mist separator regulator

Component equipment	Size									
	3	5	10	20	30	50	60 ^{Note)}	75 ^{Note)}	100 ^{Note)}	
Mist separator	AFM2000		AFM3000		AFM4000					
Micro mist separator	AFD2000		AFD3000		AFD4000					
Micro mist separator regulator	AWD2000		AWD3000		AWD4000					

Note) Standard dew point symbols L (-40°C (-40°F)) and S (-60°C (-76°F)) only