

4. Specifications

1) Single Unit Type

Model		Specifications			
		IDG10	IDG20	IDG10H	IDG20H
Range of operating conditions	Fluid	Compressed Air			
	Inlet air pressure MPa	0.3~0.85			
	Inlet air temperature °C *Note 1	-5~55			
	Ambient temperature °C *Note 1	-5~55			
Standard performance	Outlet air atmospheric pressure dew point °C	-20		-15	
Standard performance conditions	Inlet air flow rate L/min(ANR) *Note 2	125	250	111	222
	Outlet air flow rate L/min(ANR)	100	200	100	200
	Purge air flow rate L/min(ANR) *Note 3	25	50	11	22
	Inlet air pressure MPa	0.7			
	Inlet air temperature °C	25			
	Inlet air saturation temperature °C	25			
	Ambient temperature °C	25			
Dew point indicator purge air flow rate		1L/min (ANR) {In case of inlet air pressure 0.7 MPa}			
Port size		1/4 · 3/8			
Mass kg (With bracket)		0.43 (0.51)	0.66 (0.76)	0.43 (0.51)	0.66 (0.76)

2) Unit Type (Unit M, Unit V)

Model		Specifications			
		IDG10M4	IDG20M4	IDG10HM4	IDG20HM4
		IDG10V4	IDG20V4	IDG10HV4	IDG20HV4
Component equipment	Mist separator	AFM30-A			
	Micro mist separator	AFD30-A			
	Regulator (Type V only)	AR25-B			
	Spacer	Y300(T)-A			
Range of operating conditions	Fluid	Compressed Air			
	Inlet air pressure MPa	0.3~0.85			
	Inlet air temperature °C *Note1	-5~55			
	Ambient temperature °C *Note1	-5~55			
Standard Performance	Outlet air atmospheric pressure dew point °C *Note2	-20		-15	
Standard Performance conditions	Inlet air flow rate L/min(ANR)	125	250	111	222
	Outlet air flow rate L/min(ANR)	100	200	100	200
	Purge air flow rate L/min(ANR) *Note3	25	50	11	22
	Inlet air pressure MPa	0.7			
	Inlet air temperature °C	25			
	Inlet air saturation temperature °C	25			
	Ambient temperature °C	25			
Dew point indicator purge air flow rate		1 L/min (ANR) {In the case of inlet air pressure 0.7MPa}			
Regulator construction (about Type V)		Relief type			
Port size		1/4 · 3/8			
Mass kg	Type M	1.0	1.3	1.0	1.3
	Type V	1.3	1.5	1.3	1.5

* Note 1. When using the product in the temperature range between -5 and 5 deg. C, prevent water droplets from entering the inlet port. (No freezing of the fluid)

* Note 2. "ANR" indicates the flow rate converted to the value at 20 deg. C, under the atmospheric pressure and the state of relative humidity 65%.

* Note 3. Includes 1 L/min [ANR] of purge air flow (at 0.7 MPa inlet air pressure) for the dew point indicator.