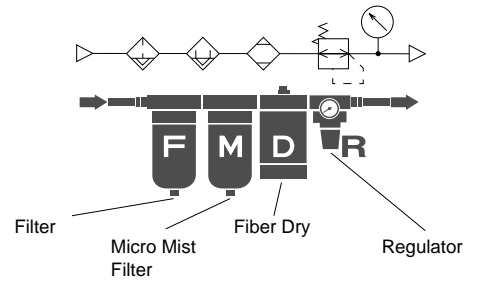


# Dry Unit

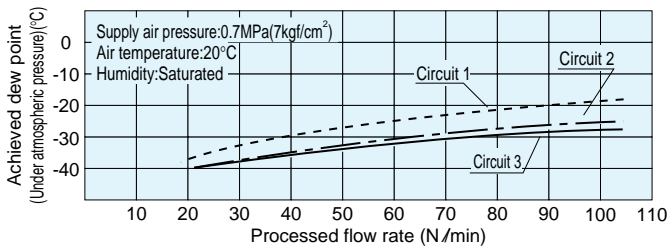
## Features

- The Dry Unit is a combination of Fiber Dry Filter, Micro Mist Filter and Regulator.
- The Dry Unit can be connected directly to the air source.
- The Dry Unit economizes space for installation.

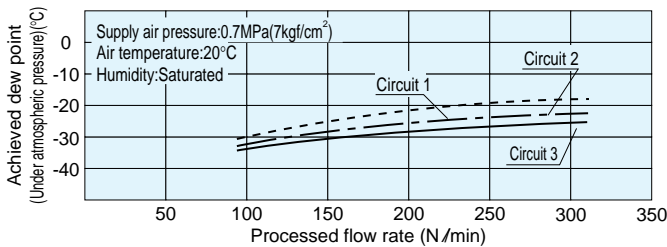


## Dehumidification performance curve

### 100 type

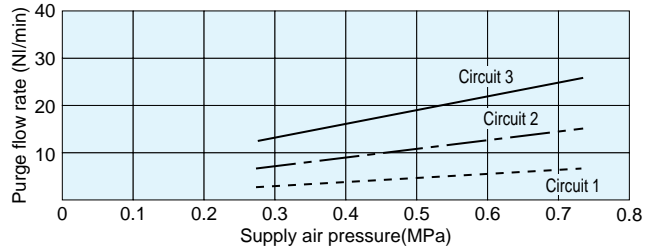


### 300 Type

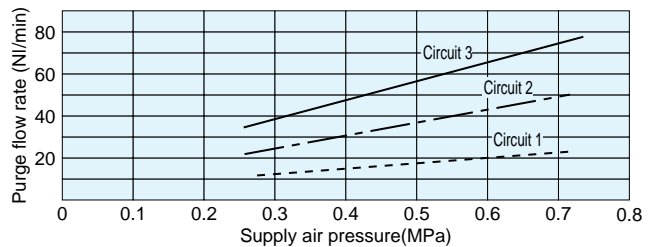


## Purge Flow Rate Curve

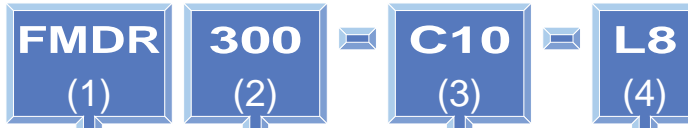
### 100 Type



### 300 Type



## Model Designation (Example)



### (1) Unit type

Type	Filter	Micromist filter	Fiber dry	Regulator
FD	○	-	○	-
FDR	○	-	○	○
FMD	○	○	○	-
FMDR	○	○	○	○

### (2) Dry air flow rate

Code	100	300
Flow rate	3.52SCFM(100N//min)	10.6SCFM(300N//min)

### (3) Supply-side quick-fitting joint

Not required Code : 00

\*When joint is not required 100 series : Female thread Rc 1/4

\*When joint is not required 300 series : Female thread Rc 3/8

### (4) Output-side quick -fitting joint

Not required Code : 00

\*When joint is not required 100 series : Female thread Rc 1/4

\*When joint is not required 300 series : Female thread Rc 3/8

C		L		W output side on'	
Code	Size	Code	Size	Code	Size
C4	φ4mm	L4	φ4mm	W4	φ4mm
C6	φ6mm	L6	φ6mm	W6	φ6mm
C8	φ8mm	L8	φ8mm	W8	φ8mm
C10	φ10mm	L10	φ10mm	W10	φ10mm
C12	φ12mm	L12	φ12mm	W12	φ12mm
C16	φ16mm	L16	φ16mm		

## Handling


Auto-drain type MMF150, F300, MMF300

- Drain is automatically activated when specified amount of moisture is accumulated or pressure inside the ball falls under 0.02MPa (0.2kgf/cm<sup>2</sup>). Drain is manually done by turning drain screw counterclockwise, too.

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 Detailed Safety Instruction

Before using the PISCO device, be sure to read the "Safety Instructions", "Common Safety Instructions for Products Listed in This Manual" on pages 23~24 and "Common Safety Instructions for Controllers" on page 255.

 **Caution**

1. Be sure to adjust the pressure of the regulator in the increasing direction and lock it by pressing the lock button after adjustment.
2. The auto drain exhausts air from the drain port until the supply pressure rises to 0.15MPa (21.8psi). During this time, the air will not stop coming out even if the drain knob is operated. [Contact PISCO for instructions if the time is too long before the supply pressure rises to 0.15MPa (21.8psi). ]
3. Operate the drain knob with your fingers.
4. Use a nylon tube of ID 6mm to connect to the joint. Also make sure that the tube is not bent near the joint.
5. The joint rotates freely, so that it is not necessary to remove the tube when performing manual draining.