

OIL FREE SCREW

SINGLE STAGE / TWO STAGE



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Hitachi Industrial Equipment Systems Co., Ltd.

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ISO 8573-1 : 2010
CLASS 0 TÜV Approval

Beware of Ventilation in The Compressor Room

DSP cannot be used in the closed room.
Install DSP in a facility that can ventilate the heat from DSP.

(1) Whole Ventilation (Figure A)

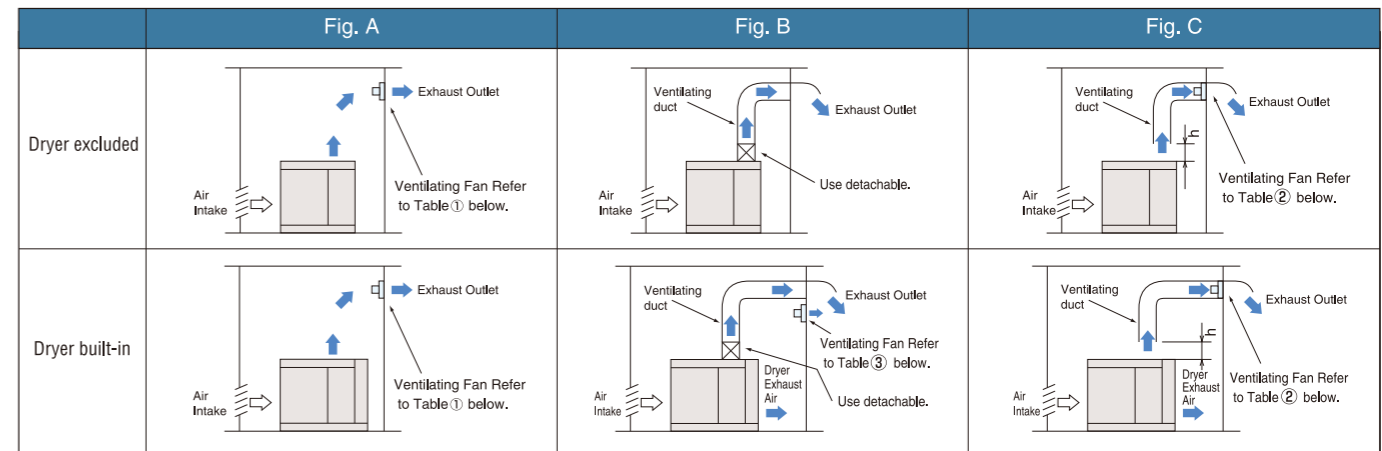
When the whole compressor room is ventilated, the ventilating fan capacity shall be larger than **recommended fan capacity ①** in the below table. (This value is calculated under the condition when the room temperature rise is 5°C or below. Other than this temperature rise range, the calculating formula for required capacity is specified at the bottom of this page.) Install the ventilating fan as high as possible on the wall.

(2) Ventilation with Exhaust Duct (Figure B)

● If the pressure loss is within **20Pa {2mmAq}**, ventilating fan in the duct is not required. In this case, install the removal duct on the compressor exhaust port and set it up as removable for maintenance. Also, to ventilate dryer exhaust, set up suitable fan which capacity is larger than **recommended fan capacity ③** in the below table.

(3) Ventilation with Exhaust Duct and Ventilating Fan (Figure C)

- If the pressure loss is **larger than 20Pa {2mmAq}**, install ventilating fan which capacity is larger than **recommended fan capacity ②** in the below table. (Keep in mind the temperature rise for selecting the fan.) In this case, set up hood on the duct inlet port and make sure to take a distance **h**, which is longer than duct diameter.
- Do not use the duct installed ventilating fan for dryer exhaust. It may cause freezing the dryer aftercooler by enforced exhaust.



Ventilation Data

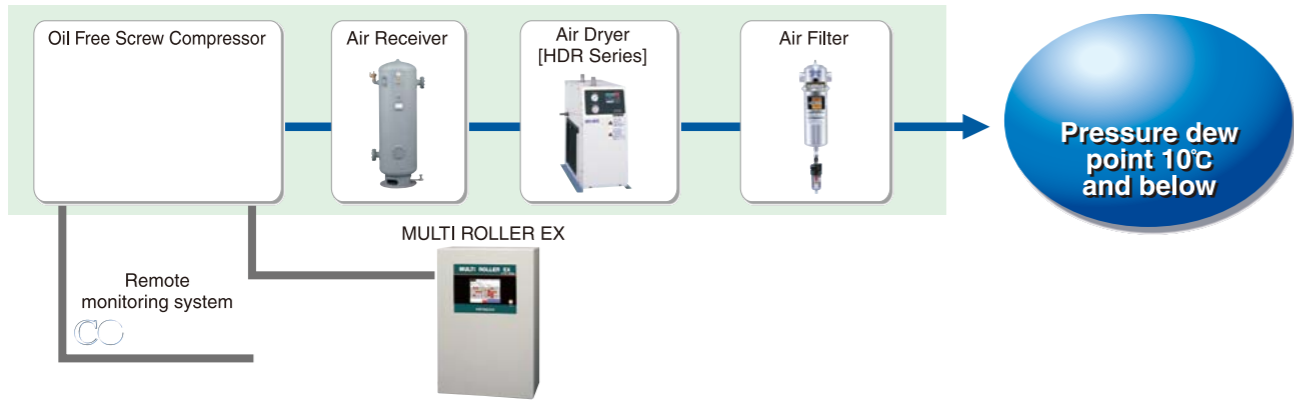
■ Air-cooled (Without Built-in Dryer)
 15—55kW (Single-stage and Two-stage)

Item - Unit	Model						

45—120kW (Two-stage)

132—240kW (Two-stage)

■ Air-cooled (With Built-in Dryer)
 15—75kW (Single-stage and Two-stage)



Standard Specification



- Notes:**
1. The capacity values listed above were measured at an ambient temperature of 30°C, inlet temperature of °C, inlet pressure of , dew point of 10°C under pressure.
 2. The initial pressure losses of the dryers are less than or equal to 0.03MPa.
 3. Contact our service outlet if you want to use the dryer in corrosive gas environment.

Standard Specification



Standard Specification

Item	Model	MR26-4E	MR26-8E	MR26-12E
Power Supply				
Frequency				
Controlled Units				
Input				
Discharge Pressure				
Control				
External				
Output				
Control				
External				
Dimensions (WxDxH)				
Weight				



