

Full Line up Kobelco's Full Lineup from Small Models to Large Models

CMII Series Kobelco Compact Screw Compressors

- Discharge air volume 720~1,550L/min
- 5.5~7.5·11kW Class



Durability and simplified maintenance

Complete monitoring function

The water-removal function as standard equipment is displayed by the lamp. Simplified remote control is possible.



Considering environment

Powered dryer

- The powered dryer improves the quality of air as well as the durability of the dryer itself.
- A new refrigerant, which does not destroy the ozone layer, is used.

The air discharge silencer includes a oil mist collection function (Patent pending)

- The oil mist collection function collects oil mist from the air discharge silencer that discharges pressure in the oil separator to the air when the compressor stops or water is removed.



Easier installation

Improved temperature resistance

The oil cooler and cooling fan have been enlarged, resulting in a drop of 5°C in the discharge air temperature, and providing enhanced reliability.

Improved dust resistance

Intake filters for cooling air and the air-intake port to the airend have been enlarged. Enhanced resistance to dusty environments has also been provided by introducing a two-stage centrifugal dust-removal process.



Resistance to air-borne contaminants

Discharge air is subjected to a two-stage oil-separation process, thus reducing the load on the separation elements. Resistance to air-borne contaminants in the intake air has also been improved.

New ease of operation

- The new oil separator's cartridge design and improved Poly-V belt structure makes replacement and maintenance a snap.
- The newly unit design reduces the parts count in the plumbing sections, simplifying maintenance.
- Models with dryer-equipped drain mechanisms feature forced discharge using a solenoid valve.



Standard specifications

Item	Model	Integrated dryer			Compressor only		
		CM6UD-5/6	CM8UD-5/6	CM11UD-5/6	CM6U-5/6	CM8U-5/6	CM11U-5/6
Frequency	Hz				50/60		
Discharge air volume	L/min	720	1000	1550	720	1000	1550
Intake Pressure, Temperature	°C	Atmospheric pressure, 2~40					
Discharge Pressure (gauge pressure)	MPa	0.83					
Discharge air dew point	°C	Below 10°C at discharge pressure					
Compressor motor	Nominal output	5.5	7.5	11.0	5.5	7.5	11.0
	Voltage	200/220/380/415					
	Specification	TEFC with star delta starter					
Dryer Input	W	300/315	410/450	610/690	—		
Discharge pipe diameter	A	20					
Lubricant (oil) initial volume	L	3.0	5.0	7.5	3.0	5.0	7.5
Dimensions (WxDxH)	mm	755×600×805	995×670×1080		755×600×805	995×670×1080	
Weight	kg	205	370	405	170	335	370
Noise	dB(A)	56	58	59	56	58	59

*Discharge air volumes have been converted to compressor intake conditions at an atmospheric, 30°C, 75% relative humidity.
 *Noise values are measured in an anechoic chamber at a height of 1 meter and a distance of 1.5 m from the front of the unit.
 *Please consult our offices regarding guaranteed performance values.