Dear Customer	Title	Doc. Number	Ve1502R3_4972-00017
	P-876CA Compressor Unit Product Discontinuation Notice	Date of Issue	Jun 30th, 2015
		Component Development Div. Canon ANELVA Corporation	

To Whom It May Concern,

Thank you for using Canon ANELVA products. We hereby inform you the discontinuation of P-876 Helium Compressor Unit for our cryo-products due to the discontinuation of a majority of component parts used for this unit. As of April, 2015, we have finished selling this unit after more than 13 years of provision since the initial introduction. We are very sorry for our late notification of this discontinuation. As a successor model, we introduce F-50L Compressor Unit (Bypass Valve embedded type).

Maintenance services for P-876CA will be provided until the end of April, 2022, however, please kindly be reminded that depending on component parts availability, there would be a case which repair service might be unavailable.

Canon ANLEVA is going to improve our product quality and reliability continuously in order for ensuring customers' satisfaction.

Best Regards,

Component Development Div., Canon ANELVA Corporation

■: Items subject to reference documents provision

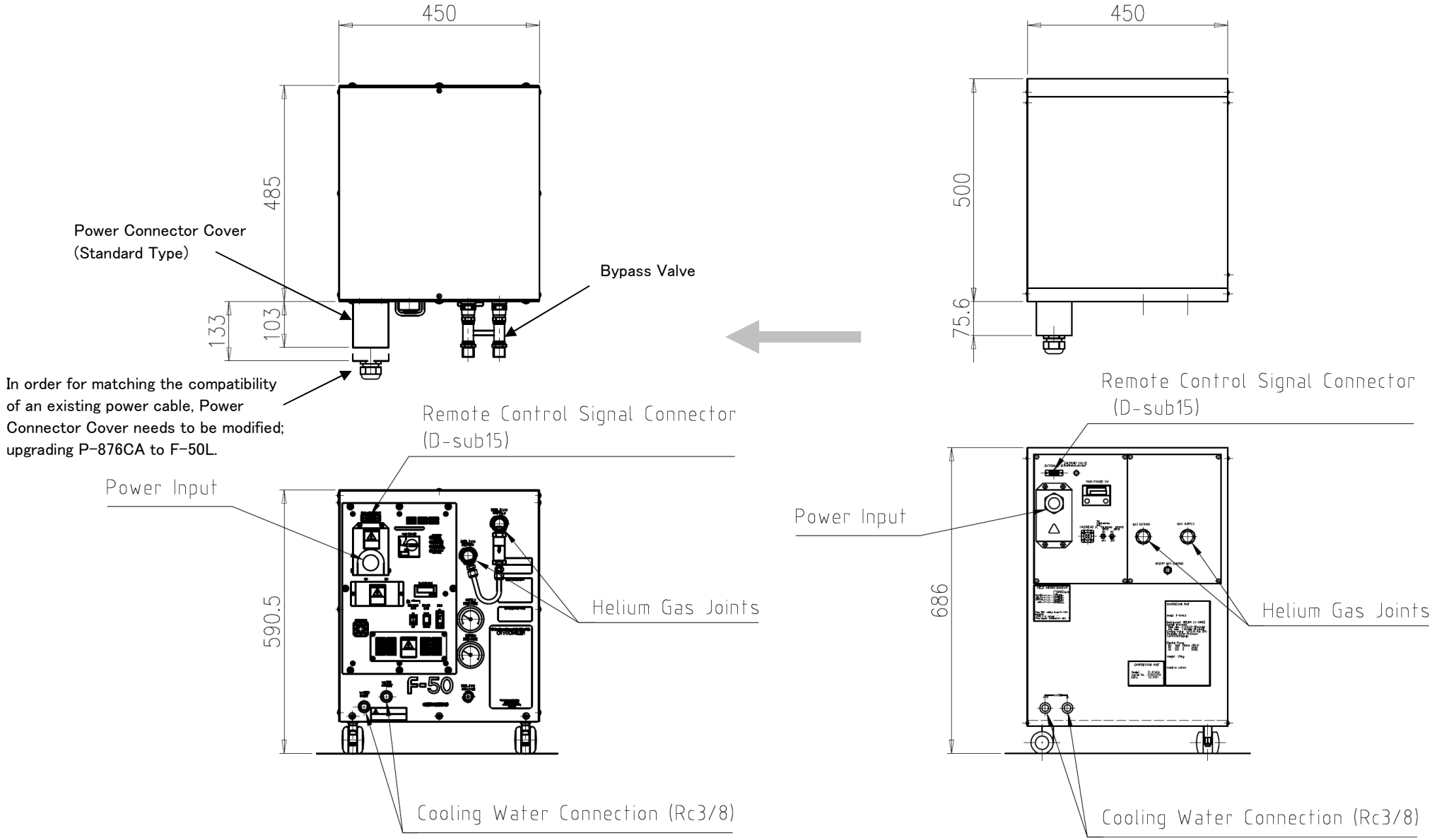
Product	P-876CA Compressor Unit	☐Reference
Treatment	Sales termination of P-876CA Compressor Unit as of April, 2015. Introducing a successor model; F-50L Compressor Unit.	☐Reference
Price & Lead Time	Regarding F-50L Compressor Unit purchase, please contact nearest sales agency or affiliates.	☐Reference
Schedule	P-876CA Compressor Units' maintenance service provision is scheduled until the end of April, 2022. *Depending on component parts availability, there would be a case which repair service might be unavailable.	☐Reference
Remarks	For the comparison of specifications and dimensions of P-876CA and F-50L Compressor Unit, please refer to the attached reference documentation. Report Classification: ☐Prod.Qual-I / ☐Prod.Qual-II / ■Prod.Qual-III	■Reference

Any questions or concerns, please contact your nearest sales agencies or affiliates by following the URL below.
http://www.canon-anelva.co.jp/english/contacts/index.html

Reference: F-50L / P-876CA Compressor Unit Comparison

1. External Appearance Comparison

***Upgrading from P-876CA to F-50L requires Power Connector Cover modification.**



Successor Model: F-50L

Predecessor Model: P-876CA (Discontinued)

2. Specification Comparison

***F-50L meets the predecessor model's specification and requirements; power, cooling water, etc.**

		Successor Model	Predecessor Model (Discontinued)
		F-50L	P-876CA
Helium Gas Pressure	Stopping (20 deg. C)	1.50～1.55 MPa	
	In Operation	Approx. 1.9～2.2 MPa	Approx. 1.8～2.0 MPa
Cooling Water	Flow Rate	≧420 L/hour	
	Pressure Loss	0.085 MPa	0.12 MPa
	Maximum Pressure	0.69 MPa	
	Temperature	≦28 deg. C	
Power Supply Input / Voltage		AC200V±10% / 3φ 50/60Hz (Commercial Power Supply)	
Power Consumption*1	50Hz Steady Operation	5.1 kW	4.8 kW
	60Hz Steady Operation	6.1 kW	5.8 kW
Ambient Temp. Range	In Operation	5～35 deg. C	10～35 deg. C
Dimension		450(W)×485(D)×591(H)	450(W)×500(D)×686(H)
Weight		120 kg	117 kg
Periodical Maintenance Interval (Adsorber Replacement)		30,000 hours	

*1 Note: This number can be varied depending on the number of cryo-pumps or traps simultaneously being driven.

3. Remote Control Signal Comparison

***Upgrading from P-876CA to F-50L requires Remote Control Signal Converter Unit; please contact us for details.**

No.	Successor Model F-50L					Predecessor Model (Discontinued) P-876CA				
	Item	Operation			Pin Assignment	Item	Operation			Pin Assignment
1	Stop signal due to abnormal gas pressure	Relay contact output	Normal State	Close	1-2	Stop signal due to abnormal temperature or gas pressure	Relay contact output	Normal State	Close	1-4
			Abnormal State	Open						
2	Stop signal due to abnormal temperature (TS1)	Relay contact output	Normal State	Close	3-4					
			Abnormal State	Open						
3	Stop signal due to abnormal temperature (TS2)	Relay contact output	Normal State	Close	5-9			Abnormal State	Open	
			Abnormal State	Open						
4	Stop signal due to abnormal temperature (TS3)	Relay contact output	Normal State	Close	10-11					
			Abnormal State	Open						
5	Compressor drive answer	DC24V output	In Operation	DC24V (0.15A max.)	6-7	N/A				
			Stopping	0V						
6	Service power supply	DC24V output	DC24V (0.15A max.) output with Main Power SW "ON"		7-13	N/A				
7	Abnormal termination recovery	DC24V input	Applying DC24V for 1 second will release abnormal termination state		12-14	N/A				
8	Remote control (compressor turn on & off)	Non-voltage contact input	In Operation	Close	8-15	Remote control (compressor turn on & off)	Non-voltage contact input	Start-up	Close	8-15
			Stopping	Open				Stop	Open	
9	N/A					External protective interlock function	Non-voltage contact input	Startable	Close	5-11
								Unstartable	Open	
10	N/A					Overload signal output	Relay contact output	Normal State	Close	9-10
								Abnormal State	Open	
-	Connector Type	D-sub15				Connector Type	D-sub15			