

## Combination Unit *SPACE PAIR*

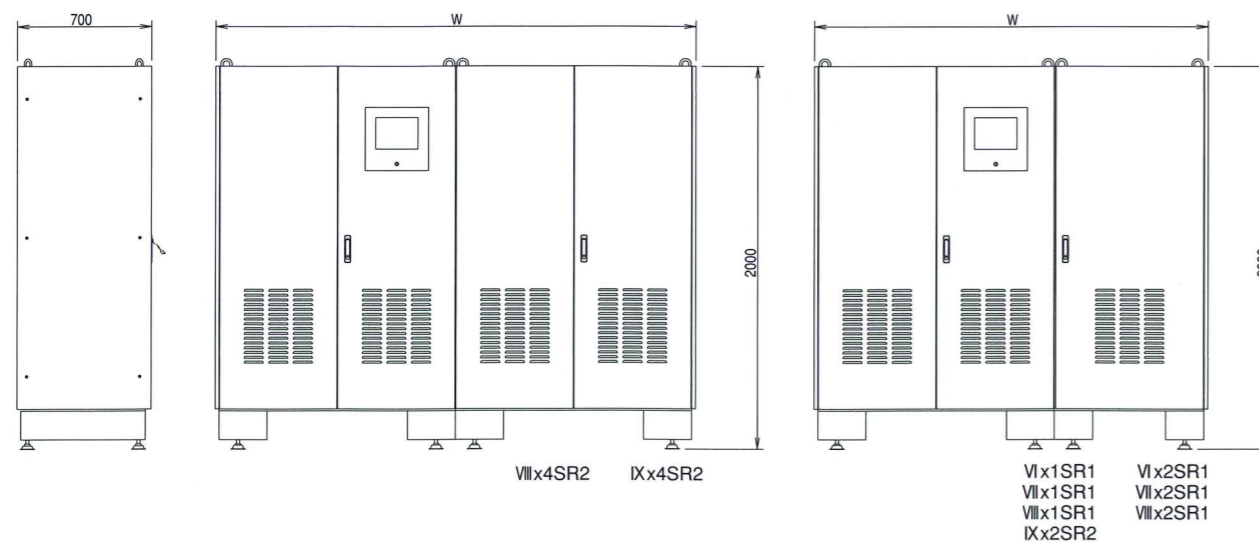
Space Pair succeeded to integrate fountain solution recirculation and roller temperature control into a compact body. The technology which has been acquired through our experience in this field realizes a precise temperature control and an optimized operation. It will help you achieve quality printing in your printing environment.

### FEATURES

- Space-saving design  
(60% reduction compared to the combination of our stand-alone systems)
- Color touch screen operation
- The minimized heat emission realized by utilization of chilled water
- Adopting an energy-saving inverter chiller
- Automatic fountain concentrate & IPA injection
- Integrated Communication Control:  
Operations on a press console (OPTION)



### EXTERNAL DIMENSIONS (mm) \*Widths of the units change depending on models.



⚠ Specifications and appearances of the products are subject to change without notice.



12-2 Fukakusa Zendoji-Cho, Fushimi-Ku,  
Kyoto, 612-8433, Japan

Tel : +81 75 621 7431  
Fax : +81 75 621 7473  
Web : <http://www.cosmotech-jp.com>  
E-mail : [KYOTO@cosmotech-jp.com](mailto:KYOTO@cosmotech-jp.com)

● Distributor

0609-03



Roller Temperature Controller

# POLARIS Series



We have been aiming to create  
the ideal environment for printing.



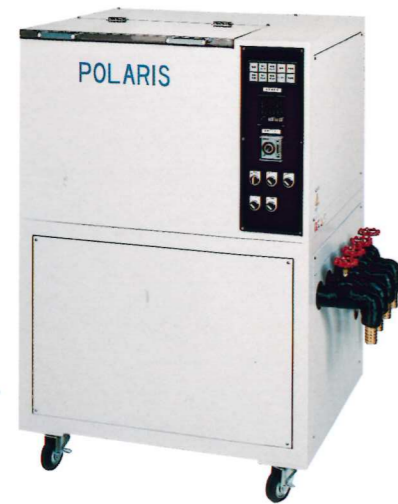
ISO 9001 Certified Company



# POLARIS Series

The superior temperature control brings you "high quality"

POLARIS meets every customer's demand with diverse temperature control patterns.



## Single Temp. Control Unit POLARIS 1S Series

SPECIFICATIONS	
Model	POLARIS IV×1S
No. of temp.	1
Power	3-phase 200 V
Current(power cap.)	29 A (10 kVA)
Dim. (L×W×H)	750×1000×1436mm (Protrusions omitted)

## Multi Temp. Control Unit POLARIS LH Series

SPECIFICATIONS	
Model	POLARIS IV 2LH
No. of temp.	2 or more (oscillator + ink fountain rollers)
Power	3-phase 200 V
Current(power cap.)	51 A (17 kVA)
Dim. (L×W×H)	950×1200×1568mm (Protrusions omitted)



## Independent Control Unit POLARIS DX Series

SPECIFICATIONS	
Model	POLARIS V DX4T
No. of temp.	No. of printing units+ ink fountain roller(s)
Power	3-phase 200 V
Current(power cap.)	71 A (24.6 kVA)
Dim. (L×W×H)	996×1100×1970mm (Protrusions omitted)

## Single & Multi Temp. Control Unit - Application Table -

Size \ No. of col.	2	4	5	6	7	8
26/28"	III	III / IV	III / IV	IV	IV	IV
32"	IV	IV	IV	IV	IV	IV
40"	III	IV	V	V	VI	VI
44"	V	V / VI	V / VI	VI	VII	VII
50"	V	VI	VII	-	-	-

! Applicable models may be different from the above depending on presses.

## Independent Control Unit - Application Table -

[Meanings of the product model numbers]

POLARIS model III~VII DX	No. of temp. Oscillator Rollers	Ink fountain roller Yes / No	If there are 2 or more temps. for ink fountain rollers	"VI DX 8T2" can control 8 different temps. for oscillator rollers, 2 more for ink fountain rollers, and 10 different temps. in total.
VI DX	8	T	2	

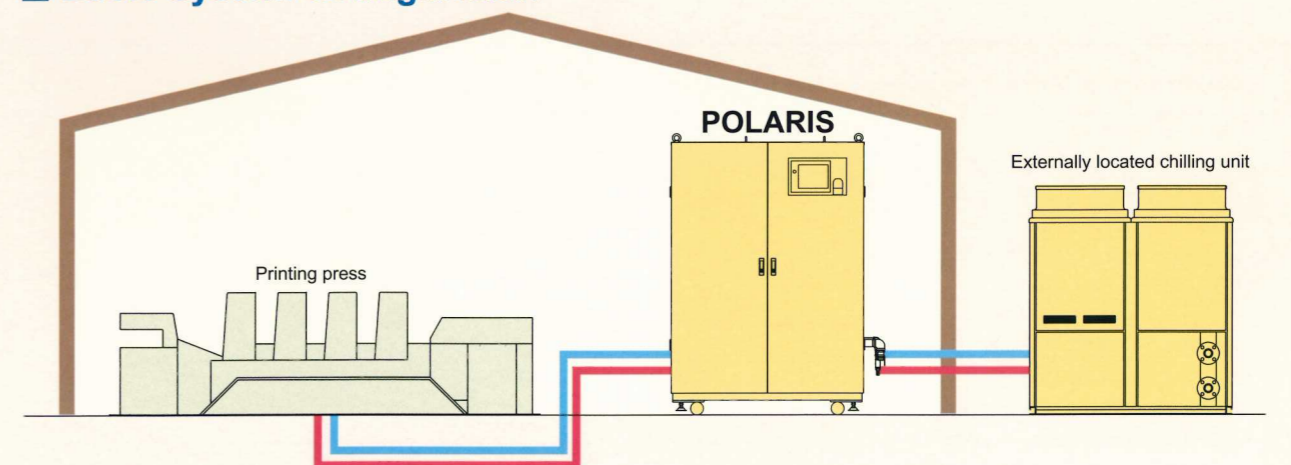
Size \ No. of col.	4	5	6	7	8 [4-col. perfector]
26/28"	IV DX4 (T)	IV DX5 (T)	IV DX6 (T2)	V DX7 (T2)	V DX8 (T2)
32"	IV DX4 (T)	IV DX5 (T)	IV DX6 (T2)	V DX7 (T2)	V DX8 (T2)
40"	V DX4 (T)	V DX5 (T)	V DX6 (T2)	VI DX7 (T2)	VI DX 8 (T2)
44"	VI DX4 (T)	VI DX 5 (T)	VI DX6 (T2)	VII DX7 (T2)	VII DX 8 (T2)

! Applicable models may be different from the above depending on presses.

## Specifications of Externally Located Chilling Unit

Item \ Model	III	IV	V	VI	VII
Compressor	2.2 kw	3.75 kw	5.5 kw	7.5 kw	11 kw
Chilling cap. (50/60Hz)	6.7 / 7.5 kw	11.2 / 12.5 kw	17.0 / 19.0 kw	22.4 / 25.0 kw	33.5 / 37.5 kw
Ref. ton (50/60Hz)	0.85 / 1.02	1.30 / 1.55	2.08 / 2.48	2.57 / 3.06	3.87 / 4.61
Dim. (mm)	L	690	690	690	690
	W	635	635	1280	1280
	H	1450	1450	1450	1500

## Basic System Configuration



Roller Temperature Controller