

A Challenge to the
World's Leading Companies



연구실 안전 선도기업

안전 시약장

Safety Reagent Field

Leading laboratory safety company



- 배기형 시약장
- 밀폐형 시약장
- 냉장 시약장
- 냉동 시약장
- 냉장 냉동 시약장

skcbiotech™

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Greetings

“연구실 안전을 위해 최선의 노력을 기울이고 있습니다.”

(주)에스케이씨바이오텍은 창사이래로 연구실 안전을 위한 솔루션을 제공하고 있습니다.

사업 분야로는 독성 물질의 안전한 보관을 위한 시약장을 전문적으로 제조 및 생산하고 있으며, 배기형 시약장, 밀폐형 시약장, 냉장 시약장, 냉동 시약장 등 다양한 모델을 보유하고 있습니다.

저희 제품은 학교, 연구소, 의료기관 등 다양한 분야에서 활용되고 있으며 안전한 환경 조성을 위해 지속적으로 노력하고 있습니다. 꾸준한 연구개발과 품질 향상을 통해 연구실 안전 환경 조성에 기여하겠습니다.

감사합니다.

(주)에스케이씨바이오텍 임직원 일동

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Features

내부식성 구조

내부식성의 표면처리 + STAINLESS STEEL 로 부식 현상을 최소화

고효율 전용 필터링 SYSTEM

- 최적의 순환 설계
- 3중 구조의 전용 복합필터 적용으로 높은 제거 효율

알람 SYSTEM

설정온도 상하한 알람, 문열림 알람, 필터 교체 알람으로 안전한 사용환경 조성

실험실 공기청정 SYSTEM

실험실 국소정화

- 제품 주변부 공기정화
- 도어 개폐시 발생할 수 있는 가스 제거
- 실험중 발생할 수 있는 가스 제거

ATE Series



- 유해가스외부배출
- 제품 주변 공기 청정 SYSTEM(옵션)



Specification

Model	AT-25E	AT-45E
Dimension	742 X 815 X 1,940	1,260 X 815 X 1,940
Frame Structure	Urethane foam	Urethane foam
Function	- Gas purification system By dedicated reagent filter - Air cleaning system	- Gas purification system By dedicated reagent filter - Air cleaning system
Filter Structure	Composite Filter	Composite Filter
Inner Filtering Type	Discharge	Discharge
Material	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel
Controller	Digital Controller	Digital Controller
Shelves	5 Sliding Shelves	10 Sliding Shelves
Keeping Volume	600ℓ	1,200ℓ
Inner Lighting	LED Lamp	LED Lamp
Weight	110 kg	190 kg
Lock System	Key Box Type	Key Box Type
Power Requirements	220 VAC, 60Hz, 0.3A	220 VAC, 60Hz, 0.6A
Power Consumption	15 W/h	30 W/h

ATC Series



- 내부순환형(밀폐식)
- 제품 주변 공기 청정 SYSTEM(옵션)



Specification

Model	AT-25C	AT-45C
Dimension	742 X 815 X 1,940	1,260 X 815 X 1,940
Frame Structure	Urethane foam	Urethane foam
Function	- Gas purification system By dedicated reagent filter - Air cleaning system	- Gas purification system By dedicated reagent filter - Air cleaning system
Filter Structure	Composite Filter	Composite Filter
Inner Filtering Type	Circulation	Circulation
Material	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel
Controller	Digital Controller	Digital Controller
Shelves	5 Sliding Shelves	10 Sliding Shelves
Keeping Volume	600ℓ	1,200ℓ
Inner Lighting	LED Lamp	LED Lamp
Weight	110 kg	190 kg
Lock System	Key Box Type	Key Box Type
Power Requirements	220 VAC, 60Hz, 0.3A	220 VAC, 60Hz, 0.6A
Power Consumption	15 W/h	30 W/h

R Series

인버터 적용으로 자사 정속형 대비 에너지 사용 효율 높음

- 내부순환형(밀폐식)
- 제품 주변 공기 청정 SYSTEM(옵션)
- 인버터형 compressor
- 5인치 터치 스크린 controller



Specification

Model	R-15R	R-25R	R-45R
Dimension	650 X 690 X 1,060	742 X 815 X 1,940	1,260 X 815 X 1,940
Frame Structure	Urethane foam	Urethane foam	Urethane foam
Function	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system
Filter Structure	Composite Filter	Composite Filter	Composite Filter
Set Temp Range	+2°C ~ +8°C	+2°C ~ +8°C	+2°C ~ +8°C
Cooling System	Indirect Cooling	Indirect Cooling	Indirect Cooling
Compressor	1/3 HP * 1	1/3 HP * 1	1/3 HP * 2
Inner Filtering Type	Circulation	Circulation	Circulation
Material	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel
Controller	Digital Controller(5" Touch screen)	Digital Controller(5" Touch screen)	Digital Controller(5" Touch screen)
Shelves	5 Sliding Shelves	5 Sliding Shelves	10 Sliding Shelves
Keeping Volume	175ℓ	600ℓ	1,200ℓ
Inner Lighting	LED Lamp	LED Lamp	LED Lamp
Weight	80 kg	130 kg	210 kg
Lock System	Key Box Type	Key Box Type	Key Box Type
Power Requirements	220 VAC, 60Hz, 2.7A	220 VAC, 60Hz, 2.7A	220 VAC, 60Hz, 5.4A
Power Consumption	165 W/h	165 W/h	330 W/h

F Series

인버터 적용으로 자사 정속형 대비 에너지 사용 효율 높음

- 내부순환형(밀폐식)
- 제품 주변 공기 청정 SYSTEM(옵션)
- 인버터형 compressor
- 5인치 터치스크린 controller



Specification

Model	F-15R	F-25R	F-45R
Dimension	650 X 690 X 1,060	742 X 815 X 1,940	1,260 X 815 X 1,940
Frame Structure	Urethane foam	Urethane foam	Urethane foam
Function	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system
Filter Structure	Composite Filter	Composite Filter	Composite Filter
Set Temp Range	-15°C ~ -25°C	-15°C ~ -25°C	-15°C ~ -25°C
Cooling System	Indirect Cooling	Indirect Cooling	Indirect Cooling
Compressor	1/2 HP * 1	1/2 HP * 1	1/2 HP * 2
Inner Filtering Type	Circulation	Circulation	Circulation
Material	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel
Controller	Digital Controller(5" Touch screen)	Digital Controller(5" Touch screen)	Digital Controller(5" Touch screen)
Shelves	5 Sliding Shelves	5 Sliding Shelves	10 Sliding Shelves
Keeping Volume	175ℓ	600ℓ	1,200ℓ
Inner Lighting	LED Lamp	LED Lamp	LED Lamp
Weight	80 kg	130 kg	210 kg
Lock System	Key Box Type	Key Box Type	Key Box Type
Power Requirements	220 VAC, 60Hz, 5.8A	220 VAC, 60Hz, 5.8A	220 VAC, 60Hz, 10.6A
Power Consumption	225 W/h	225 W/h	441 W/h

RD Series

- 내부순환형(밀폐식)
- 제품 주변 공기 청정 SYSTEM(옵션)
- 정속형 compressor
- Jog Dial controller



Specification

Model	RD-15R	RD-25R	RD-45R
Dimension	650 X 690 X 1,060	742 X 815 X 1,940	1,260 X 815 X 1,940
Frame Structure	Urethane foam	Urethane foam	Urethane foam
Function	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system
Filter Structure	Composite Filter	Composite Filter	Composite Filter
Set Temp Range	+2°C ~ +8°C	+2°C ~ +8°C	+2°C ~ +8°C
Cooling System	Indirect Cooling	Indirect Cooling	Indirect Cooling
Compressor	1/3 HP * 1	1/3 HP * 1	1/3 HP * 2
Inner Filtering Type	Circulation	Circulation	Circulation
Material	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel
Controller	Digital Controller(Jog dial type)	Digital Controller(Jog dial type)	Digital Controller(Jog dial type)
Shelves	5 Sliding Shelves	5 Sliding Shelves	10 Sliding Shelves
Keeping Volume	175ℓ	600ℓ	1,200ℓ
Inner Lighting	LED Lamp	LED Lamp	LED Lamp
Weight	80 kg	130 kg	210 kg
Lock System	Key Box Type	Key Box Type	Key Box Type
Power Requirements	220 VAC, 60Hz, 2.4A	220 VAC, 60Hz, 2.4A	220 VAC, 60Hz, 4.8A
Power Consumption	180 W/h	180 W/h	360 W/h

FD Series

- 내부순환형(밀폐식)
- 제품 주변 공기 청정 SYSTEM(옵션)
- 정속형 compressor
- Jog Dial controller



Specification

Model	FD-15R	FD-25R	FD-45R
Dimension	650 X 690 X 1,060	742 X 815 X 1,940	1,260 X 815 X 1,940
Frame Structure	Urethane foam	Urethane foam	Urethane foam
Function	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system
Filter Structure	Composite Filter	Composite Filter	Composite Filter
Set Temp Range	-15°C ~ -25°C	-15°C ~ -25°C	-15°C ~ -25°C
Cooling System	Indirect Cooling	Indirect Cooling	Indirect Cooling
Compressor	1/2 HP * 1	1/2 HP * 1	1/2 HP * 2
Inner Filtering Type	Circulation	Circulation	Circulation
Material	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel
Controller	Digital Controller(Jog dial type)	Digital Controller(Jog dial type)	Digital Controller(Jog dial type)
Shelves	5 Sliding Shelves	5 Sliding Shelves	10 Sliding Shelves
Keeping Volume	175ℓ	600ℓ	1,200ℓ
Inner Lighting	LED Lamp	LED Lamp	LED Lamp
Weight	80 kg	130 kg	210 kg
Lock System	Key Box Type	Key Box Type	Key Box Type
Power Requirements	220 VAC, 60Hz, 4.0A	220 VAC, 60Hz, 4.0A	220 VAC, 60Hz, 7.2A
Power Consumption	250 W/h	250 W/h	490 W/h

RT-45R

인버터 적용으로 자사 정속형 대비 에너지 사용 효율 높음

- 상온 챔버 + 냉장 챔버
- 제품 주변 공기 청정 SYSTEM (옵션)
- 인버터형 compressor (냉장 챔버)
- 5인치 터치 스크린 controller (냉장 챔버)



Specification

Model	RT-45R
Dimension	1,260 X 815 X 1,940
Frame Structure	Urethane foam
Function	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system
Filter Structure	Composite Filter
Set Temp Range	+2°C ~ +8°C (Cold Chamber)
Cooling System	Indirect Cooling
Compressor	1/3 HP * 1
Inner Filtering Type	Circulation
Material	Coating Steel, Stainless Steel
Controller	Digital Controller (5" Touch screen)
Shelves	10 Sliding Shelves
Keeping Volume	600ℓ + 600ℓ
Inner Lighting	LED Lamp
Weight	200 kg
Lock System	Key Box Type
Power Requirements	220 VAC, 60Hz, 3.0A
Power Consumption	175 W/h

RF-45R

인버터 적용으로 자사 정속형 대비 에너지 사용 효율 높음

- 냉장 챔버 + 냉동 챔버
- 제품 주변 공기 청정 SYSTEM (옵션)
- 인버터형 compressor
- 5인치 터치 스크린 controller



Specification

Model	RF-45R
Dimension	1,260 X 815 X 1,940
Frame Structure	Urethane foam
Function	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system
Filter Structure	Composite Filter
Set Temp Range	+2°C ~ +8°C / -15°C ~ -25°C
Cooling System	Indirect Cooling
Compressor	1/3 HP * 1 / 1/2 HP * 1
Inner Filtering Type	Circulation
Material	Coating Steel, Stainless Steel
Controller	Digital Controller (5" Touch screen)
Shelves	10 Sliding Shelves
Keeping Volume	600ℓ + 600ℓ
Inner Lighting	LED Lamp
Weight	210 kg
Lock System	Key Box Type
Power Requirements	220 VAC, 60Hz, 8.5A
Power Consumption	387 W/h

RTD-45R

- 상온 챔버 + 냉장 챔버
- 제품 주변 공기 청정 SYSTEM (옵션)
- 정속형 compressor (냉장 챔버)
- Jog Dial controller (냉장 챔버)



Specification

Model	RTD-45R
Dimension	1,260 X 815 X 1,940
Frame Structure	Urethane foam
Function	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system
Filter Structure	Composite Filter
Set Temp Range	+2°C ~ +8°C (Cold Chamber)
Cooling System	Indirect Cooling
Compressor	1/3 HP * 1
Inner Filtering Type	Circulation
Material	Coating Steel, Stainless Steel
Controller	Digital Controller (Jog dial type)
Shelves	10 Sliding Shelves
Keeping Volume	600ℓ + 600ℓ
Inner Lighting	LED Lamp
Weight	200 kg
Lock System	Key Box Type
Power Requirements	220 VAC, 60Hz, 2.7A
Power Consumption	195 W/h

RFD-45R

- 냉장 챔버 + 냉동 챔버
- 제품 주변 공기 청정 SYSTEM (옵션)
- 정속형 compressor
- Jog Dial controller



Specification

Model	RF-45R
Dimension	1,260 X 815 X 1,940
Frame Structure	Urethane foam
Function	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system
Filter Structure	Composite Filter
Set Temp Range	+2°C ~ +8°C / -15°C ~ -25°C
Cooling System	Indirect Cooling
Compressor	1/3 HP * 1 / 1/2 HP * 1
Inner Filtering Type	Circulation
Material	Coating Steel, Stainless Steel
Controller	Digital Controller (Jog dial type)
Shelves	10 Sliding Shelves
Keeping Volume	600ℓ + 600ℓ
Inner Lighting	LED Lamp
Weight	210 kg
Lock System	Key Box Type
Power Requirements	220 VAC, 60Hz, 6.0A
Power Consumption	430 W/h

RM Series

인버터 적용으로 자사 정속형 대비 에너지 사용 효율 높음

- 내부순환형(밀폐식)
- 제품 주변 공기 청정 SYSTEM(옵션)
- 인버터형 compressor
- 5인치 터치 스크린 controller
- HPP-250 온도기록계



Specification

Model	R-15M	R-25M	R-45M
Dimension	650 X 690 X 1,060	742 X 815 X 1,940	1,260 X 815 X 1,940
Frame Structure	Urethane foam	Urethane foam	Urethane foam
Function	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system
Temperature Deviation	±1.5°C	±1.5°C	±1.5°C
Set Temp Range	+2°C ~ +8°C	+2°C ~ +8°C	+2°C ~ +8°C
Cooling System	Indirect Cooling	Indirect Cooling	Indirect Cooling
Compressor	1/3 HP * 1	1/3 HP * 1	1/3 HP * 2
Inner Filtering Type	Circulation	Circulation	Circulation
Material	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel
Controller	Digital Controller(5" Touch screen)	Digital Controller(5" Touch screen)	Digital Controller(5" Touch screen)
Shelves	5 Sliding Shelves	5 Sliding Shelves	10 Sliding Shelves
Keeping Volume	175ℓ	600ℓ	1,200ℓ
Inner Lighting	LED Lamp	LED Lamp	LED Lamp
Weight	80 kg	130 kg	210 kg
Lock System	Key Box Type	Key Box Type	Key Box Type
Power Requirements	220 VAC, 60Hz, 2.7A	220 VAC, 60Hz, 2.7A	220 VAC, 60Hz, 5.4A
Power Consumption	165 W/h	165 W/h	330 W/h

FM Series

인버터 적용으로 자사 정속형 대비 에너지 사용 효율 높음

- 내부순환형(밀폐식)
- 제품 주변 공기 청정 SYSTEM(옵션)
- 인버터형 compressor
- 5인치 터치 스크린 controller
- HPP-250 온도기록계



Specification

Model	F-15M	F-25M	F-45M
Dimension	650 X 690 X 1,060	742 X 815 X 1,940	1,260 X 815 X 1,940
Frame Structure	Urethane foam	Urethane foam	Urethane foam
Function	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system
Temperature Deviation	±4°C	±4°C	±4°C
Set Temp Range	-15°C ~ -25°C	-15°C ~ -25°C	-15°C ~ -25°C
Cooling System	Indirect Cooling	Indirect Cooling	Indirect Cooling
Compressor	1/2 HP * 1	1/2 HP * 1	1/2 HP * 2
Inner Filtering Type	Circulation	Circulation	Circulation
Material	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel
Controller	Digital Controller(5" Touch screen)	Digital Controller(5" Touch screen)	Digital Controller(5" Touch screen)
Shelves	5 Sliding Shelves	5 Sliding Shelves	10 Sliding Shelves
Keeping Volume	175ℓ	600ℓ	1,200ℓ
Inner Lighting	LED Lamp	LED Lamp	LED Lamp
Weight	80 kg	130 kg	210 kg
Lock System	Key Box Type	Key Box Type	Key Box Type
Power Requirements	220 VAC, 60Hz, 5.8A	220 VAC, 60Hz, 5.8A	220 VAC, 60Hz, 10.6A
Power Consumption	225 W/h	225 W/h	441 W/h

RDM Series



- 내부순환형(밀폐식)
- 제품 주변 공기 청정 SYSTEM(옵션)
- 정속형 compressor
- Jog Dial controller
- HPP-250 온도기록계



Specification

Model	RD-15M	RD-25M	RD-45M
Dimension	650 X 690 X 1,060	742 X 815 X 1,940	1,260 X 815 X 1,940
Frame Structure	Urethane foam	Urethane foam	Urethane foam
Function	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system
Temperature Deviation	±1.5°C	±1.5°C	±1.5°C
Set Temp Range	+2°C ~ +8°C	+2°C ~ +8°C	+2°C ~ +8°C
Cooling System	Indirect Cooling	Indirect Cooling	Indirect Cooling
Compressor	1/3 HP * 1	1/3 HP * 1	1/3 HP * 2
Inner Filtering Type	Circulation	Circulation	Circulation
Material	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel
Controller	Digital Controller(Jog dial type)	Digital Controller(Jog dial type)	Digital Controller(Jog dial type)
Shelves	5 Sliding Shelves	5 Sliding Shelves	10 Sliding Shelves
Keeping Volume	175ℓ	600ℓ	1,200ℓ
Inner Lighting	LED Lamp	LED Lamp	LED Lamp
Weight	80 kg	130 kg	210 kg
Lock System	Key Box Type	Key Box Type	Key Box Type
Power Requirements	220 VAC. 60Hz, 2.4A	220 VAC. 60Hz, 2.4A	220 VAC. 60Hz, 4.8A
Power Consumption	180 W/h	180 W/h	360 W/h

FDM Series



- 내부순환형(밀폐식)
- 제품 주변 공기 청정 SYSTEM(옵션)
- 정속형 compressor
- Jog Dial controller
- HPP-250 온도기록계



Specification

Model	FD-15M	FD-25M	FD-45M
Dimension	650 X 690 X 1,060	742 X 815 X 1,940	1,260 X 815 X 1,940
Frame Structure	Urethane foam	Urethane foam	Urethane foam
Function	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system	- Maintaining Set Temp - Gas purification system By dedicated reagent filter - Air cleaning system
Temperature Deviation	±4°C	±4°C	±4°C
Set Temp Range	-15°C ~ -25°C	-15°C ~ -25°C	-15°C ~ -25°C
Cooling System	Indirect Cooling	Indirect Cooling	Indirect Cooling
Compressor	1/2 HP * 1	1/2 HP * 1	1/2 HP * 2
Inner Filtering Type	Circulation	Circulation	Circulation
Material	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel	Coating Steel, Stainless Steel
Controller	Digital Controller(Jog dial type)	Digital Controller(Jog dial type)	Digital Controller(Jog dial type)
Shelves	5 Sliding Shelves	5 Sliding Shelves	10 Sliding Shelves
Keeping Volume	175ℓ	600ℓ	1,200ℓ
Inner Lighting	LED Lamp	LED Lamp	LED Lamp
Weight	80 kg	130 kg	210 kg
Lock System	Key Box Type	Key Box Type	Key Box Type
Power Requirements	220 VAC. 60Hz, 4.0A	220 VAC. 60Hz, 4.0A	220 VAC. 60Hz, 7.2A
Power Consumption	250 W/h	250 W/h	490 W/h