

# MOVINCOOL presentation



# European MovinCool units

## Current European MovinCOOL models

All Refrigerant R407c



10SFE



15SFE



30HE



50HE

# MovinCOOL 10SFE & 15SFE



10SFE



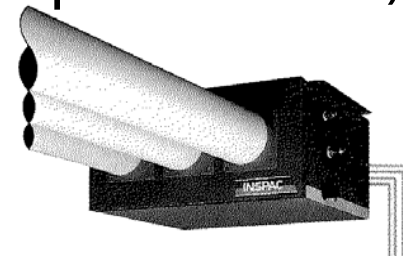
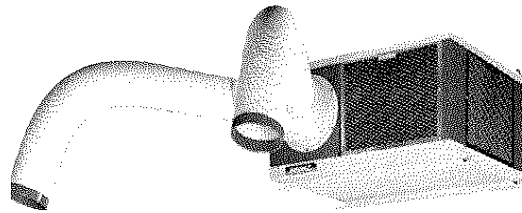
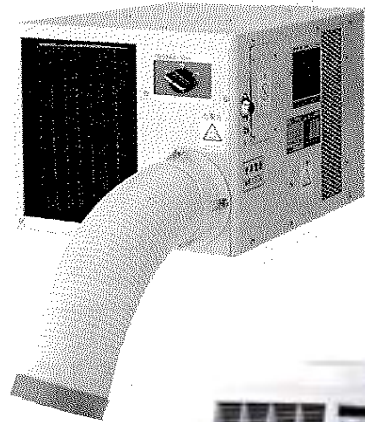
15SFE

Cooling capacity	2.1 kW
	4.4 kW
Blower Air Volume	
Evaporator	360 m <sup>3</sup> /h
Condenser	750 m <sup>3</sup> /h
Evaporator	800 m <sup>3</sup> /h
Condenser	1500 m <sup>3</sup> /h
Operating conditions	
10SFE	25-40/43 °C
15SFE	20-40/43 °C



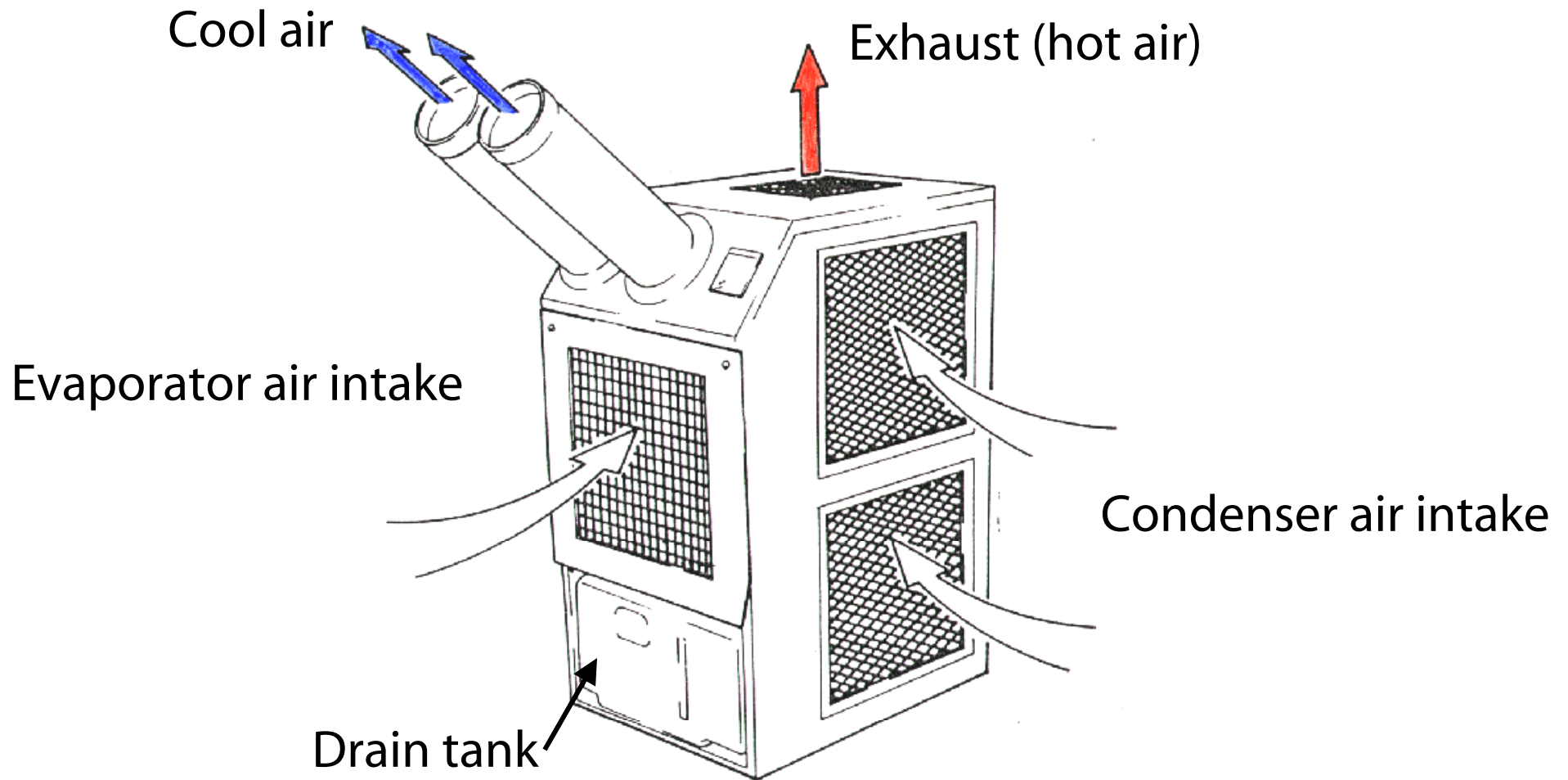
## Other MovinCOOL units

(Possible future MovinCool models for European market)



See wide range of  
products in the  
Japanese Catalogue  
and USA website

# MovinCool and Air Conditioning



# MovinCool Spot cooling



Differences between spot cooling and portable air-conditioning

	MovinCool	Portables A/C
Construction/appearance	Industrial/Office use	Home use
Cooling capacity	2.1 to 17.6 kW	Rarely exceeds 3.5 kW
Condensate tanks	5 Liter and more	Small
Electric parts, Control system, fan motor	Of industrial strength	Less rugged, designed for different use
Life time	Average 12 year under extreme conditions	?

# V MovinCool application areas



## Process cooling:

- Plastic molding
- Printing processes
- Food industry
- Packaging industry
- Metal industry
- Glass industry
- etc.

## People cooling

- Production lines
- Maintenance areas
- Repair areas
- Small warehouses
- Kitchens/ bakeries
- Hospitals
- Laundries
- Loading docks
- TV studios
- etc

## Equipment cooling

- Switch gear
- Control equipment
- Electrical panels
- IT equipment
- Back up/ emergency
- Telecom equipment
- etc.

# MovinCool application photo's



## Production area

MovinCool 15SFE is cooling the overheated machine and the machine workers.

## Printing industry

MovinCool 30HE is cooling the printing process with 3 cooling outlets.



# MovinCool application photo's



## Motor sport event

MovinCool 10SFE with a 6 meter duct is cooling the car and racing cyclist.

## Outdoor event

MovinCool 15SFE is cooling outside during a sport event.



# MovinCool application photo's



## Laboratory

MovinCool 10SFE is cooling the employees in the laboratory during the hot summer.

## Airplane

MovinCool 30HE is cooling an airplane after landing.



# MovinCool application photo's

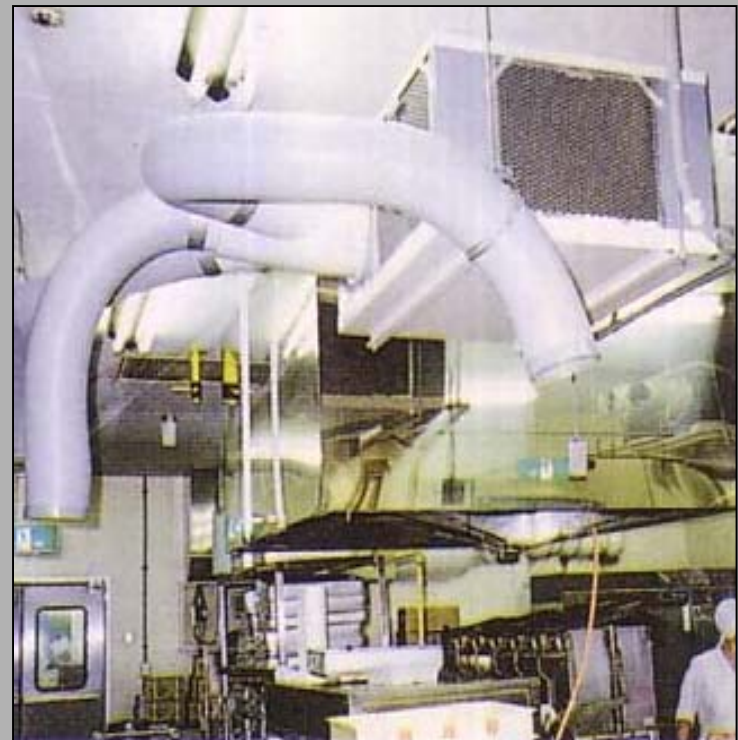


## Maintenance area

MovinCool 15SFE is cooling maintenance people of the public transport company

## Kitchen

Small ceiling type MovinCool is cooling the cooks in the kitchen.



# MovinCool application photo's



## Permanent installation

3# MovinCool 30HE units with ducting system over **100 meter** are cooling employees in a big car garage.

## Production line

2# MovinCool 10SFE's are cooling hot products on the line to shorten lead-time.



# MovinCool application photo's



## Car garage

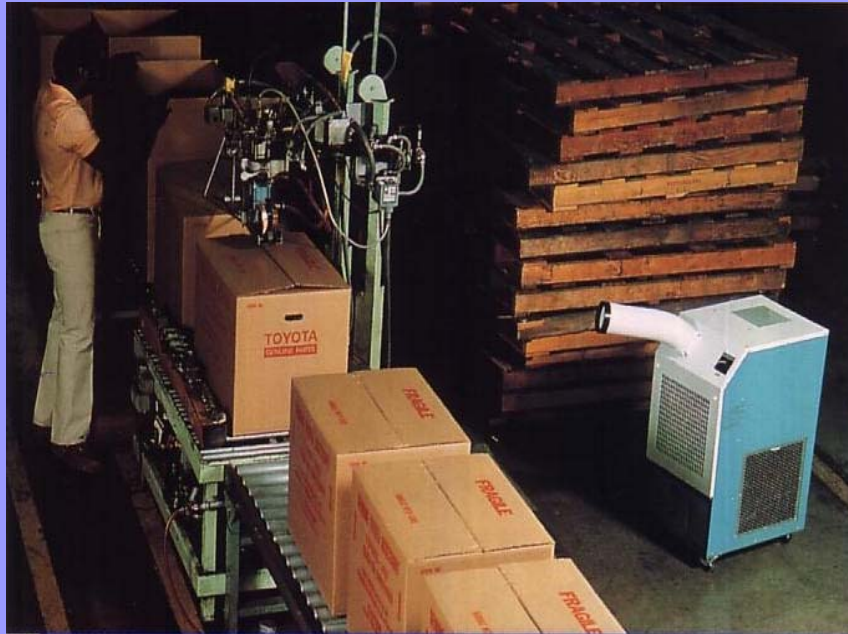
Portable MovinCool unit is cooling the employee and the hot exhaust of the car.

## Industrial machine

MovinCool 50HE is permanent installed to cool the overheated machine process.



# MovinCool application photo's



## Assembly line

MovinCool 10SFE is cooling the employee behind the assembly line.

## Case-binding industry

MovinCool cools the overheated glue before binding Cases.



# MovinCool application photo's



## Production line

MovinCool shortens the  
cooldown time of the  
production process **from  
30 minutes to 97 seconds**

## Outside event

MovinCool 15SFE is cooling  
TV-reporter during tennis  
tournament.



# MovinCool application photo's



## Laundry

MovinCool is cooling the hot laundry area.

## Tent

2 Portable 50HE units are cooling a large party tent 20 x 20 meter.



# MovinCool application photo's



## Production line

MovinCool 30HE installed at the ceiling is cooling the assembly line.

## Loading dock

Portable unit is cooling the loading dock area.



# MovinCool application photo's



## Plastic molding

Cooling down hot plastic products before packaging.

## Electronic equipment

MovinCool is cooling overheated electronic equipment.



# MovinCool application photo's



## Server room

MovinCool effective cooling overheated server. Temporary, as back-up or permanent.

## Production line

MovinCool 50HE is cooling the stone production process.



# MovinCool application photo's



## Permanent installation

2# MovinCool 30HE installed outside a factory.

## Cooling employees

MovinCool 30HE is cooling workers in the factory.



## Advantages of MovinCOOL:

- **Cooling on the spot**
  - Not required to cool the entire room
  - Higher efficiency saves money and energy
- **Flexibility**
  - The portable units can be used at various locations, installed outdoors (30HE) or suspended from the ceiling
- **Dehumidification**
  - MovinCOOL has a positive effect on working conditions and productivity

## Advantages of MovinCOOL:

- **Robust design**
  - Designed with keeping in mind the requirements of the industrial markets
- **Easy to install**
  - Simply roll the unit to the hot spot and put in the plug
- **Low maintenance**
  - Only clean the filters a few times per year
  - MovinCOOL is reliable, durable and easy to cost maintain