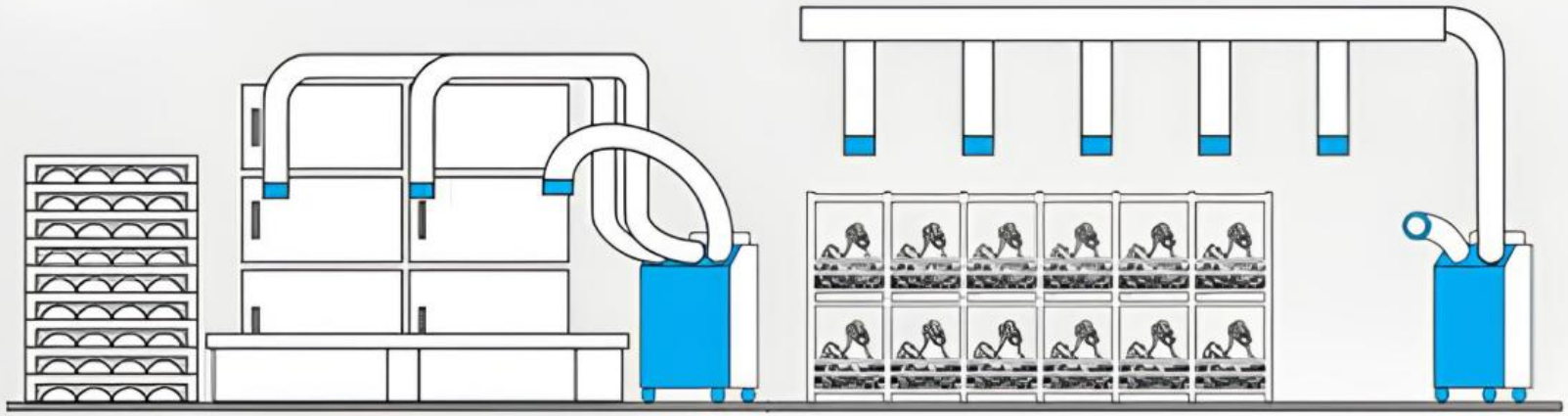
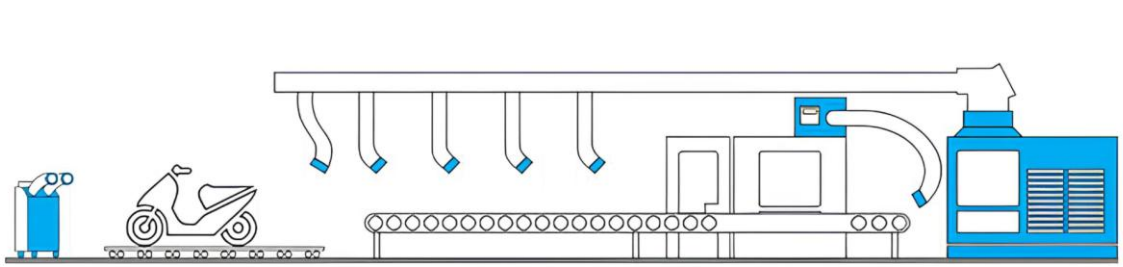
Versatility

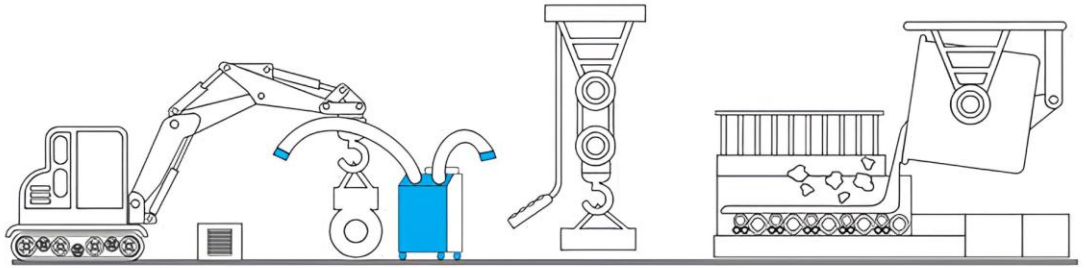
Thanks to the ability to direct the air ducts in any direction, extend them and connect the pipes, you can easily create the climate conditions you need in any place and achieve all your goals!

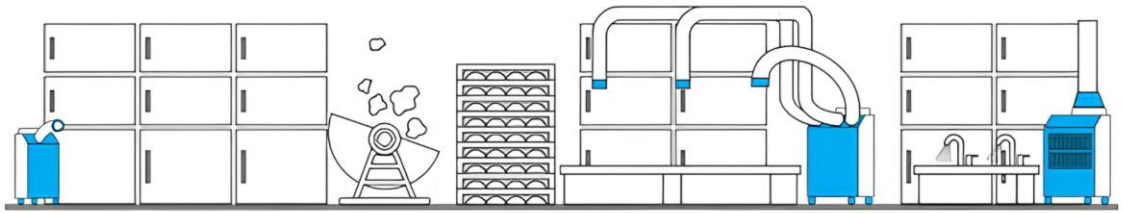


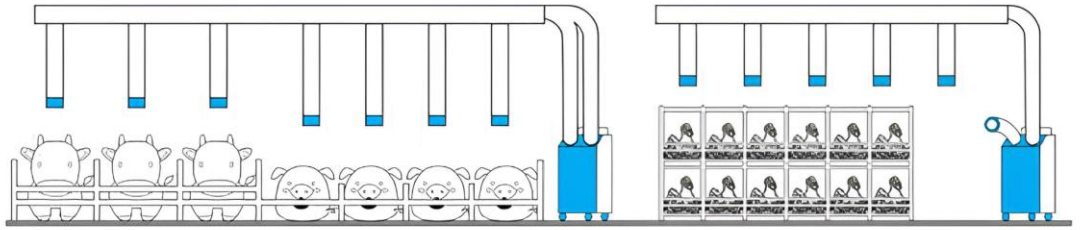
An example of cooling a poultry house to maintain a comfortable microclimate for birds and the correct temperature for eggs' storing.

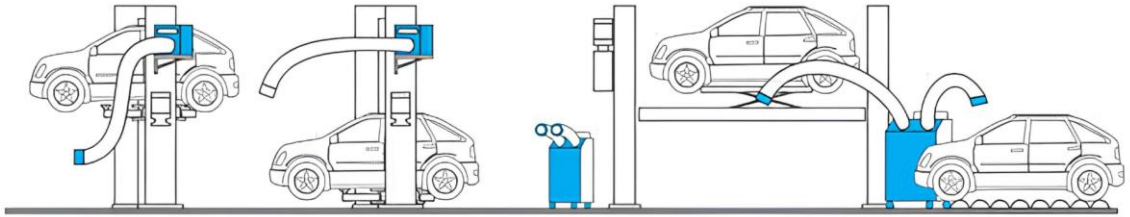
Examples of mobile air conditioner applications for semi-industrial and industrial purposes

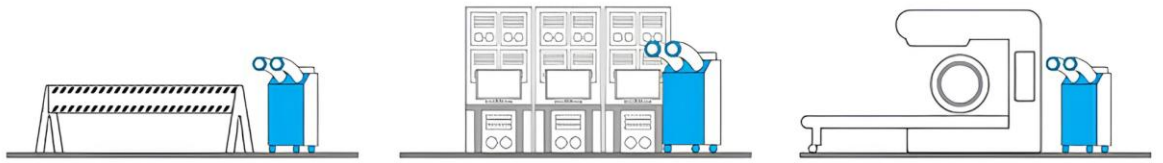












Possibility of air conditioning at high temperatures

While the cooling performance of existing air conditioners decreases at +40° C, OPTIMA Industrial Ducted Air Conditioner, equipped with a powerful compressor, high-quality solenoid valve and other environmentally friendly parts above, can effectively cool the air, heating up to a temperature range of +25°C to +50°C! Even at the highest temperature of +50°C, uninterrupted and productive operation of the compressor is ensured!

Invertor motor

Thanks to the high-quality inverter motor and the company's special technologies, the fan does not rotate all the time, but only when necessary, at the required speed, effectively consuming electricity. The air conditioner automatically adjusts the fan speed depending on the room temperature.

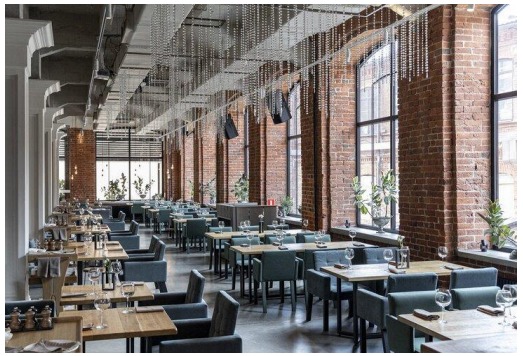
Moreover, the fan motor in the air conditioner works very quietly, and in the rooms themselves the sound is not heard at all, so being in them will be absolutely comfortable.

Air exchange

Air conditioning provides an influx of fresh air, which is a significant advantage in terms of ventilation of the room.

Air exchange up to 30%!

OPTIMA Ducted Air Conditioners					
Model:	YSP-100 (10RT)	YSP-150 (15RT)	YSP-200 (20RT)	YSP-300 (30RT)	YSP-400 (40RT)
Cooling power:	29 kW	43,6 kW	58,1 kW	87,2 kW	116,0 kW
Power supply:	3 phase/380 V, 50 Hz				
Energy consumption:	10,5 kW	16,25 kW	20,35 kW	30,5 kW	37,5 kW
Cooling area:	295 m^2	435 m^2	580 m^2	870 m^2	1160 m^2
Fan performance by air volume:	60 m^3/min	90 m^3/min	120 m^3/min	180 m^3/min	240 m^3/min
Fan static pressure:	60 mm/aq	80 mm/aq	80 mm/aq	100 mm/aq	100 mm/aq
Fan power:	2,2 kW	3,75 kW	3,75 kW	5,5 kW	7,5 kW
Condenser performance by air volume:	230 m^3/min	330 m^3/min	480 m^3/min	720 m^3/min	880 m^3/min
Capacitor power:	0.4x2 kW	0.75x2 kW	0.4x4 kW	0.75x4 kW	0.75x4 kW
Refrigerant:	R-22, R-407				
Size (L*W*H):	1,550*2,080*1,200 mm	1,900*2,480*1,780 mm	2,065*2,880*1,780 mm	2,050*3,320*1,880 mm	2,050*3,320*1,930 mm
Weight:	950 kg	1,350 kg	1,450 kg	1,850 kg	2,200 kg
Maximum length of air ducts:	50 m				
Electrical connection:	With the terminal (cleat)				
Filter:	Polyester				
Operating temperature:	25°C ~ 50°C				



Commercial buildings

Office buildings. Duct air conditioners will provide comfortable working conditions for employees, improving the indoor microclimate, thereby increasing their productivity.

Shopping malls and stores. In large shopping malls, it is very important to maintain an optimal temperature, creating a comfortable microclimate for visitors and workers.

Hotels, motels and administrative buildings. Increased satisfaction of vacationers, visitors and employees by creating comfortable climate conditions in rooms and public areas.

Restaurants, bars and cafes. In such establishments it is important to maintain a comfortable microclimate for both visitors and working personnel.

Places with high heat generation: preventing overheating of expensive equipment in places such as server rooms, data processing centers, telephone and mobile operators, etc.