

Office Pro[®] W20

MovinCool the number 1 spot cooling solution



The Office Pro W20 by MovinCool is a water-cooled, portable spot air conditioner that offers a cooling capacity of 15,700 Btu/h. The unit, which is MovinCool's first water-cooled model, is designed for applications where an air-cooled spot air conditioner cannot be used because there is no drop ceiling or other available space to exhaust hot air into.

The Office Pro W20 is self-contained and no external condensing unit or refrigerant charging are required, saving construction, installation and maintenance costs. The unit can simply be wheeled into place, connected to a water supply, plugged into a standard 115-V electrical outlet and turned on.

- Ideal operating temperature range of 65°-95°F for cooling IT equipment and offices
- Wide water supply temperature range of 40°-90°F and minimum water pressure only 12 psi, making it suitable for a wide variety of applications
- Operates automatically after-hours or on weekends with easy-to-use programmable controls
- Connects to a fire-alarm system to allow emergency shutdown
- Signal output for remote notification of system errors or failure



Technical specifications
Office Pro® W20

Electronic features	Control	Programmable
Cooling capacity air: 80°F at 50% RH Water (EWT/LWT): 85°F/95°F	Total cooling capacity Sensible cooling capacity	15,700 Btu/h 10,800 Btu/h
Electrical characteristics	Voltage requirement Total power consumption Current consumption Recommended fuse size NEMA plug configuration Minimum - maximum voltage	1 Phase, 115V 1.27 kW 11.7 amps 15 amps 5-15 105-125
EER		12.3
Fans	Motor output - high/low	0.11/0.08 kW
Evaporator	Fan Type Maximum air flow - high/low Maximum external static pressure	Centrifugal 565/540 CFM 0.31 IWG
Condenser		Water cool condenser (4.8 GPM min)
Compressor	Type Output	Hermetic rotary 1.16 kW
Refrigerant	Type	R-410A
Dimensions	WxDxH	21×27×41.5 in
Net weight/shipping weight		178/209 lbs
Power cord	Gauge length	14 AWG (3-core) 10 ft
Condensate tank capacity	Auto pump included	5 gallon
Operating conditions	Minimum - maximum (@50% RH)	65° - 95°F 40° - 90°F (condenser water)
Maximum equivalent duct length	Per cold duct hose	25 ft
Maximum sound level	Without condenser duct - high/low	62/60 dB(A)
Water pressure	Minimum	12 psi
Water valve connection	Inlet/outlet	1/2" NPT Female



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