

MOVINCOOL®

THE #1 SPOT COOLING SOLUTION



MOVINCOOL TECHNICAL SPECIFICATIONS		CM12	PC7	Office Pro® 12	Office Pro® 18	Office Pro® 24	Office Pro® 36	Office Pro® 60
Suggested List Price		\$2,786	\$589	\$3,495	\$3,875	\$4,655	\$6,982	\$10,595
Electronic Features	Control Panel	Wall Thermostat	Programmable	Programmable	Programmable	Programmable	Programmable	Programmable
	Thermostat Control	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Cooling Capacity	Rating conditions: 95°F at 60% RH	10,500 Btu/h ^{1,2}	7,000 Btu/h ²	11,800 Btu/h	16,800 Btu/h	23,300 Btu/h	36,000 Btu/h	59,500 Btu/h
Electrical Characteristics	Voltage Requirement	1 Phase, 115V	1 Phase, 115V	1 Phase, 115V	1 Phase, 115V	1Phase, 208/230V	1Phase, 208/230V	1Phase, 208/230V
	Total Power Consumption	1.23 kW ^{1,2}	1.12 kW	1.4 kW	1.7 kW	2.7 kW	4.4 kW	7.1 kW
	Current Consumption	11.9 amps ^{1,2}	9.7 amps	11.2 amps	15.6 amps	11.2 amps	19.7 amps	33 amps
	Recommended Fuse Size	15 amps	15 amps	15 amps	20 amps	20 amps	30 amps	50 amps
	NEMA Plug Configuration	N/A	5-15	5-15	5-20	6-20	6-30	6-50
	Min. - Max. Voltage	105-125	105-125	105-125	105-125	198-250	198-250	198-250
Fans	Motor Output - high/low	0.04/0.013 kW Evap. 0.1/0.025 kW Cond.	0.04 kW/NA	0.14/0.08 kW	0.24/0.19 kW	0.48/0.41 kW	0.21/0.13 kW Evap. 0.33/0.13 kW Cond.	0.6/0.33 kW Evap. 1.2/0.92 kW Cond.
	Evaporator	Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Max. Air Flow - high/low	324/228 CFM ¹	176 CFM/159 CFM	410/380 CFM	540/500 CFM	630/545 CFM	990/825 CFM	1940/1770 CFM
	Max. External Static Pressure	0.16 IWG	N/A	0.31 IWG	0.31 IWG	0.5 IWG	0.6 IWG	0.9 IWG
Condenser	Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Max. Air Flow - high/low	700/370 CFM	N/A	820/715 CFM	770/710 CFM	870/760 CFM	1490/1060 CFM	2830/2650 CFM
	Max. External Static Pressure	0.12 IWG	N/A	0.16 IWG	0.23 IWG	0.16 IWG	0.5 IWG	0.85 IWG
Compressor	Type	Hermetic Rotary	Hermetic Rotary	Hermetic Rotary	Hermetic Rotary	Hermetic Rotary	Hermetic Scroll	Hermetic Scroll
	Output	0.89 kW	0.8 kW	0.8 kW	0.95 kW	1.4 kW	2.1 kW	4.7 kW
Refrigerant*	Type	R-22/R-410A*	R-22/R-410A*	R-22/R-410A*	R-410A	R-410A	R-410A	R-410A
Dimensions	W x D x H	35 x 23 x 15.5 in	15 x 17 x 33 in	21 x 27 x 44 in	21 x 27 x 44 in	21 x 27 x 47 in	30 x 44x 52 in	30 x 52 x 64 in
Net Weight/Shipping Weight		121/140 lb	77/86 lb	165/195 lb	177/207 lb	210/250 lb	440/540 lb	625/755 l
Power Cord	Gauge	N/A	16 AWG (3-core)	14 AWG (3-core)	12 AWG (3-core)	12 AWG (3-core)	10 AWG (3-core)	6 AWG (3-core)
	Length	N/A	6 ft	10 ft	10 ft	6 ft	6 ft	6 ft
Condensate Tank Capacity		Auto Pump Included	1.05 gal	5 gal	5 gal	5 gal	2 @ 5 gal	Auto Pump Included
Operating Conditions	Min. - Max. (@ 50% RH)	65° - 95°F (Evaporator) ^{1,3} 65° - 113° F (Condenser) ^{1,3}	66° - 86°F	65° - 95°F	65° - 95°F	65° - 95°F	65° - 95°F	65° - 105°F
	Max. Equivalent Duct Length	Per Cold Duct Hose	20 ft ⁴	N/A	30 ft	25 ft	50 ft	40 ft
	Hot Duct Hose	10 ft ⁴	6 ft	60 ft	100 ft	45 ft	60 ft	100 ft
Max. Sound Level	With Condenser Duct - high/low	52 dB	53/52 dB	52/50 dB	61/59 dB	63/61 dB	65/62 dB	69/67 dB
	Without Condenser Duct - high/low	NA/NA	NA/NA	55/53 dB	62/60 dB	65/63 dB	67/66 dB	71/69 dB

All specifications subject to change without notice. Standard warranty includes 12 months on entire unit and 36 months on the compressor. Call for details on MovinCool's new Extended Warranty Program. All models feature compressor overload relay and fan motor protection. All models also feature compressor short-cycle protection, return air thermostat, automatic restart and accommodate a condensate pump kit. All models are 50 Hertz (Hz) compatible with a slight performance decrease from specifications listed above.

¹With two 6 ft duct with one 90° bend each, supply grill and return grill with filter (0.16 IWG external static pressure)

²Ambient condition for rating: Evaporator: 80°F 50%RH / Condenser: 95°F 40%RH

³When ambient temperature is lower than 65°F, operation may interrupt due to anti-freeze protection activation

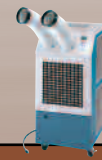
⁴Confirm pressure drop of duct, grills and filter with manufactures specifications

⁵Rating Conditions: 80°F at 50% RH

^{*}Check manufacturer or reseller for refrigerant type

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MOVINCOOL TECHNICAL SPECIFICATIONS		Classic 10	Classic Plus 14	Classic 18	Classic Plus 26	Classic 40	Classic 60
Suggested List Price		\$2,645	\$3,175	\$3,745	\$4,235	\$6,065	\$9,325
Electronic Features	Control Panel	Mechanical	Electronic	Mechanical	Electronic	Mechanical	Mechanical
	Thermostat Control	Mechanical	Electronic	Mechanical	Electronic	Mechanical	Mechanical
Cooling Capacity	Rating conditions: 95°F at 60% RH	10,000 Btu/h	13,200 Btu/h	18,000 Btu/h	24,000 Btu/h	39,000 Btu/h	60,000 Btu/h
Electrical Characteristics	Voltage Requirement	1 Phase, 115V	1 Phase, 115V	1 Phase, 208/230V	1 Phase, 208/230V	3 Phase, 220V	3 Phase, 460V
	Total Power Consumption	1.1 kW	1.3 kW	2.1 kW	3.1 kW	4.7 kW	7.2 kW
	Current Consumption	10.6 amps	12.3 amps	10.8/10.0 amps	15.6/14.0 amps	14 amps	10.5 amps
	Recommended Fuse Size	15 amps	15 amps	15 amps	20 amps	25 amps	20 amps
	NEMA Plug Configuration	5-15	5-15	6-15	6-20	L15-30	N/A
	Min. - Max. Voltage	105-125	105-125	198-250	198-250	198 - 250	440-480
Fans	Motor Output - high/low	0.14 kW	0.24/0.19 kW	0.35 kW	0.55/0.38 kW	0.75 kW Evap. 0.40 kW Cond.	0.75 kW Evap. 0.40 kW Cond.
	Evaporator						
	Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Max. Air Flow - high/low	270 CFM	440/380 CFM	530 CFM	708/600 CFM	1060 CFM	1580 CFM
	Max. External Static Pressure	0.33 IWG	0.31 IWG	0.52 IWG	0.54 IWG	1.72 IWG	1.35 IWG
Condenser	Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Propeller	Propeller
	Max. Air Flow - high/low	740 CFM	880/760 CFM	1180 CFM	1680/1460 CFM	2650 CFM	3800 CFM
	Max. External Static Pressure	0.13 IWG	0.19 IWG	0.25 IWG	0.25 IWG	0.05 IWG	0.05 IWG
Compressor	Type	Hermetic Rotary	Hermetic Rotary	Hermetic Rotary	Hermetic Scroll	Hermetic Scroll	Hermetic Reciprocal
	Output	0.6 kW	0.8 kW	1.1 kW	1.6 kW	2.2 kW	3.75 kW
Refrigerant	Type	R-22/R-410A*	R-22/R-410A*	R-22/R-410A*	R-22/R-410A*	R-22/R-410A*	R-22/R-410A*
Dimensions	W x D x H	19 x 26 x 41 in	19 x 26 x 41 in	19 x 26 x 41 in	19 x 29 x 47 in	26 x 43 x 39 in	32 x 49 x 42 in
Net Weight/Shipping Weight		145/170 lb	153/195 lb	167/200 lb	235/265 lb	353/441 lb	463/545 lb
Power Cord	Gauge	14 AWG (3-core)	14 AWG (3-core)	14 AWG (3-core)	12 AWG (3-core)	12 AWG (4-core)	12 AWG (4-core)
	Length	6 ft	10 ft	6 ft	6 ft	6 ft	N/A
Condensate Tank Capacity		5 gal	5 gal	5 gal	5 gal	2@ 5 gal (optional)	N/A
Operating Conditions	Min. - Max. (@ 50% RH)	68° - 105°F	70° - 113°F	68° - 105°F	70° - 113°F	75° - 115°F	75° - 115°F
Max. Equivalent Duct Length	Per Cold Duct Hose	40 ft	30 ft	50 ft	60 ft	Varies	Varies
	Hot Duct Hose	60 ft	60 ft	60 ft	45 ft	40 ft	40 ft
Max. Sound Level	With Condenser Duct - high/low	55 dB	57/55 dB	63 dB	66/64 dB	N/A	N/A
	Without Condenser Duct - high/low	58 dB	60/58 dB	67 dB	69/67 dB	72 dB	72 dB

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DENSO SALES CALIFORNIA, INC.
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FILE NO. A5537