

# CM Series Specifications

**MOVINCOOL**  
THE #1 SPOT COOLING SOLUTION



MOVINCOOL TECHNICAL SPECIFICATIONS		CM12	CM25**
<b>Suggested List Price</b>		\$ 2,895	\$ 6,995
<b>Electronic Features</b>	Operation	Millivolt Thermostat (Not Included)	Wall Mounted Controller with LCD Display
	Control	Electronic	Electronic
<b>Electrical Characteristics</b>	Voltage Requirement	115V, 1 Phase, 60 Hz	208/230V, 1 Phase, 60 Hz
	Min. - Max. Voltage	105-125	198-253
	Recommended Fuse Size	15 amps	20 amps
<b>Cooling Capacity and Power Consumption</b>			
<b>Evaporator: 80 °F, 50% RH /Condenser: 95 °F, 50% RH</b>	Total Cooling Capacity	10,500 Btu/h <sup>1</sup>	25,000 Btu/h <sup>2</sup>
	Sensible Cooling Capacity	7,200 Btu/h <sup>1</sup>	18,000 Btu/h <sup>2</sup>
	Power Consumption	1.23 kW <sup>1</sup>	2.90 kW <sup>2</sup>
	Current Consumption	11.9 amps <sup>1</sup>	12.6 amps <sup>2</sup>
<b>Evaporator: 72 °F, 50% RH /Condenser: 95 °F, 50% RH</b>	Total Cooling Capacity	9,200 Btu/h <sup>1</sup>	25,000 Btu/h <sup>2</sup>
	Sensible Cooling Capacity	6,900 Btu/h <sup>1</sup>	18,900 Btu/h <sup>2</sup>
	Power Consumption	1.23 kW <sup>1</sup>	3.20 kW <sup>2</sup>
	Current Consumption	11 amps <sup>1</sup>	15 amps <sup>2</sup>
<b>Evaporator</b>	Fan Type	Centrifugal	Centrifugal
	Max. Air Flow - high/low	324/228 CFM <sup>1</sup>	950/800 CFM <sup>2</sup>
	Max. External Static Pressure	0.16 IWG	0.6 IWG
<b>Condenser</b>	Fan Type	Centrifugal	Centrifugal
	Max. Air Flow - high/low	700/370 CFM	1,600/1,300 CFM
	Max. External Static Pressure	0.12 IWG	0.5 IWG
<b>Compressor</b>	Type	Hermetic Rotary	Hermetic Swing Inverter
<b>Refrigerant</b>	Type	R22/R-410A <sup>†</sup>	R-410A
<b>Dimensions</b>	W x D x H (without flange)	30 x 20 x 15 in	53 x 32 x 20 in
	W x D x H (with flange)	35 x 23 x 15.5 in	57 x 36 x 20 in
<b>Net Weight/Shipping Weight</b>		128/141 lb	310/353 lb
<b>Condensate Pump Capacity</b>	Pump Rate	5 gal/h	5 gal/h
	Head	4 ft	4 ft
<b>Operating Conditions</b>	Evaporator	65° – 95°F, 50% RH	60°F - 95°F, 50% RH
	Condenser	65° – 113° F	50°F - 113°F
<b>Max. Duct Length</b>	Cold Duct Hose	20 ft <sup>3</sup>	120 ft <sup>3</sup>
	Hot Duct Hose	10 ft <sup>3</sup>	90 ft <sup>3</sup>
<b>Max. Sound Level</b>	Under ceiling tile with evaporator duct	52 dB(A)	55 dB(A)

<sup>1</sup>Measured with two 6 ft ducts with one 90° bend each, supply grill and return grill with filter (0.16 IWG external static pressure) (ducts not included)

<sup>2</sup>Measured with two 20 ft ducts with one 90° bend each, supply grill and return grill with filter (0.30 IWG external static pressure) (ducts not included)

<sup>3</sup>Confirm pressure drop of duct, grills and filter with manufactures specifications.

<sup>†</sup>Check manufacturer or reseller for refrigerant type

\*\*Specification information shown with 230V

All specifications subject to change without notice. Standard warranty includes 12 months on entire unit and 36 months on the compressor (except PC7). Visit [www.movincool.com/reg](http://www.movincool.com/reg) for details on MovinCool's industry-best free Extended Warranty Program which includes both parts and labor on units. 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 (except PC7). All models are 50 Hertz (Hz) compatible with a slight performance decrease from specifications listed above (except CM25).

For more information visit [www.movincool.com](http://www.movincool.com)



DENSO SALES CALIFORNIA, INC.  
REGISTERED TO ISO 9001  
FILE NO. A5537

# Office Pro® Series Specifications

**MOVINCOOL®**  
THE #1 SPOT COOLING SOLUTION



## MOVINCOOL TECHNICAL SPECIFICATIONS

**PC7**

**Office Pro® 12**

**Office Pro® 18**

**Office Pro® 24\*\***

**Office Pro® 36\*\***

**Office Pro® 60\*\***

**Office Pro® 63**

Suggested List Price		\$ 595	\$ 3,655	\$ 4,065	\$ 4,885	\$ 6,995	\$ 11,145	\$ 12,495
<b>Electronic Features</b>	Control Panel	Programmable	Programmable	Programmable	Programmable	Programmable	Programmable	Programmable
	Thermostat Control	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
<b>Cooling Capacity</b>	Rating conditions: 95°F at 60% RH	9,000 Btu/h <sup>1</sup>	12,000 Btu/h	16,800 Btu/h	24,000 Btu/h	36,000 Btu/h	60,000 Btu/h	60,000 Btu/h
<b>Electrical Characteristics</b>	Voltage Requirement	1 Phase, 115V	1 Phase, 115V	1 Phase, 115V	1Phase, 208/230V	1Phase, 208/230V	1Phase, 208/230V	3Phase, 460V
	Total Power Consumption	1.12 kW	1.3 kW	1.7 kW	2.9 kW	4.3 kW	6.6 kW	6.6 kW
	Current Consumption	9.7 amps	11.9 amps	15.6 amps	13.2 amps	19.6 amps	29 amps	9.5 amps
	Recommended Fuse Size	15 amps	15 amps	20 amps	20 amps	30 amps	50 amps	20 amps
	NEMA Plug Configuration	5-15	5-15	5-20	6-20	6-30	6-50	L16-20
	Min. - Max. Voltage	105-125	105-125	105-125	198-250	198-250	198-250	440-480
<b>Fans</b>	Motor Output - high/low	0.025/0.015 kW Evap. 0.04 kW Cond.	0.14/0.08 kW	0.24/0.17 kW	0.57/0.40 kW	0.21/0.13 kW Evap. 0.33/0.12 kW Cond.	0.5/0.33 kW Evap. 1.2/0.93 kW Cond.	0.5/0.33 kW Evap. 1.2/0.93 kW Cond.
	<b>Evaporator</b>	Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Max. Air Flow - high/low	224/117 CFM	410/380 CFM	540/500 CFM	630/545 CFM	990/825 CFM	1940/1770 CFM	1940/1770 CFM
	Max. External Static Pressure	N/A	0.31 IWG	0.31 IWG	0.5 IWG	0.6 IWG	0.9 IWG	0.9 IWG
<b>Condenser</b>	Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Max. Air Flow - high/low	248 CFM	820/715 CFM	770/710 CFM	870/760 CFM	1490/1060 CFM	2830/2650 CFM	2830/2650 CFM
	Max. External Static Pressure	N/A	0.16 IWG	0.23 IWG	0.16 IWG	0.5 IWG	0.85 IWG	0.85 IWG
<b>Compressor</b>	Type	Hermetic Rotary	Hermetic Rotary	Hermetic Rotary	Hermetic Rotary	Hermetic Scroll	Hermetic Scroll	Hermetic Scroll
	Output	0.7 kW	0.9 kW	1.16 kW	1.8 kW	2.3 kW	3.9 kW	3.3 kW
<b>Refrigerant *</b>	Type	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
<b>Dimensions</b>	W x D x H	15.5 x 13.4 x 28.9 in	21 x 27 x 44 in	21 x 27 x 44 in	21 x 27 x 49 in	30 x 44x 52 in	30 x 52 x 64 in	30 x 52 x 64 in
<b>Net Weight/Shipping Weight</b>		77/86 lb	151/182 lb	170/201 lb	216/253 lb	440/483 lb	623/732 lb	705/835 lb
<b>Power Cord</b>	Gauge	14 AWG (3-core)	14 AWG (3-core)	12 AWG (3-core)	12 AWG (3-core)	10 AWG (3-core)	6 AWG (3-core)	12 AWG (4-core)
	Length	6 ft	10 ft	10 ft	6 ft	6 ft	6 ft	6 ft
<b>Condensate Tank Capacity</b>		N/A	5 gal	5 gal	5 gal	2 @ 5 gal	Auto Pump Included	Auto Pump Included
<b>Operating Conditions</b>	Min. - Max. (@ 50% RH)	63° - 88°F	65° - 95°F	65° - 95°F	65° - 95°F	65° - 95°F	65° - 105°F	65° - 105°F
<b>Max. Equivalent Duct Length</b>	Per Cold Duct Hose	N/A	30 ft	25 ft	50 ft	40 ft	40 ft	40 ft
	Hot Duct Hose	6 ft	60 ft	100 ft	45 ft	60 ft	100 ft	100 ft
<b>Max. Sound Level</b>	With Condenser Duct - high/low	58/57 dB(A)	52/50 dB(A)	61/59 dB(A)	63/61 dB(A)	65/62 dB(A)	69/67 dB(A)	69/67 dB(A)
	Without Condenser Duct - high/low	NA/NA	55/53 dB(A)	62/60 dB(A)	65/63 dB(A)	67/66 dB(A)	71/69 dB(A)	71/69 dB(A)

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<sup>1</sup> Rating Conditions: Evaporator: 80°F at 50% RH / Condenser: 95°F

\*Check manufacturer or reseller for refrigerant type

\*\*Specification information shown with 230V

For more information visit [www.movincool.com](http://www.movincool.com)



MOVINCOOL SALES (CALIFORNIA), INC.  
REGISTERED TO ISO 9002  
FILE NO. 45337

# Classic & Classic Plus Series Specifications

**MOVINCOOL**  
THE #1 SPOT COOLING SOLUTION



## MOVINCOOL TECHNICAL SPECIFICATIONS

### Classic 10

### Classic Plus 14

### Classic 18\*\*

### Classic Plus 26\*\*

### Classic 40

### Classic 60

Suggested List Price		\$ 2,795	\$ 3,335	\$ 3,935	\$ 4,445	\$ 6,395	\$ 9,845
<b>Electronic Features</b>	Control Panel	Digital	Programmable	Digital	Programmable	Digital	Digital
	Thermostat Control	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
<b>Cooling Capacity</b>	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
<b>Electrical Characteristics</b>	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	1.9 kW	3.1 kW	4.2 kW	5.9 kW
	Current Consumption	10 amps	11.9 amps	8.8 amps	15.6/14.0 amps	14 amps	8.8 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
<b>Fans</b>	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.
	<b>Evaporator</b>	Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Max. Air Flow - high/low	265 CFM	440/380 CFM	530 CFM	708/600 CFM	1060 CFM	1580 CFM
	Max. External Static Pressure	0.33 IWG	0.31 IWG	0.48 IWG	0.54 IWG	1.72 IWG	1.35 IWG
<b>Condenser</b>	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
<b>Compressor</b>	Type	Hermetic Rotary	Hermetic Rotary	Hermetic Scroll	Hermetic Scroll	Hermetic Scroll	Hermetic Scroll
	Output	0.6 kW	0.9 kW	1.1 kW	1.6 kW	2.3 kW	3.89 kW
<b>Refrigerant *</b>	Type	R-22/R-410A*	R-410A	R-410A	R-22/R-410A*	R-410A	R-410A
<b>Dimensions</b>	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 38 in	32 x 49 x 42 in
<b>Net Weight/Shipping Weight</b>		145/183 lb	166/197 lb	164/205 lb	235/265 lb	344/396 lb	474/566 lb
<b>Power Cord</b>	Gauge	14 AWG (3-core)	14 AWG (3-core)	14 AWG (3-core)	12 AWG (3-core)	12 AWG (4-core)	N/A
	Length	10 ft	10 ft	6 ft	6 ft	6 ft	N/A
<b>Condensate Tank Capacity</b>		5 gal	5 gal	5 gal	5 gal	2@ 5 gal (optional)	N/A
<b>Operating Conditions</b>	Min. - Max. (@ 50% RH)	70° - 105°F	70° - 113°F	70° - 105°F	70° - 113°F	75° - 115°F	75° - 115°F
<b>Max. Equivalent Duct Length</b>	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
<b>Max. Sound Level</b>	With Condenser Duct - high/low	55 dB(A)	57/55 dB(A)	63 dB(A)	66/64 dB(A)	N/A	N/A
	Without Condenser Duct - high/low	58 dB(A)	60/58 dB(A)	67 dB(A)	69/67 dB(A)	72 dB(A)	72 dB(A)

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\*Check manufacturer or reseller for refrigerant type

\*\*Specification information shown with 230V

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LENEX SALES, CALIFORNIA, INC.  
REGISTERED TO ISO 9002  
FILE NO. A5337