

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
Electronic Features	Control Panel	Programmable	Programmable	Programmable	Programmable	Programmable	Programmable	Programmable
	Thermostat Control	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Cooling Capacity	Rating conditions: 95°F at 60% RH	7,000 Btu/h ⁴	12,000 Btu/h	16,800 Btu/h	24,000 Btu/h	36,000 Btu/h	60,000 Btu/h	60,000 Btu/h
Electrical Characteristics	Voltage Requirement	1 Phase, 115V	1 Phase, 115V	1 Phase, 115V	1 Phase, 208/230V	1 Phase, 208/230V	1 Phase, 208/230V	3 Phase, 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
Fans	Motor Output - high/low	0.04/0.03 kW	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.
Evaporator	Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Max. Air Flow - high/low	176 /159 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
Condenser	Fan Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Max. Air Flow - high/low	177/155 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
Compressor	Type	Hermetic Rotary	Hermetic Rotary	Hermetic Rotary	Hermetic Rotary	Hermetic Scroll	Hermetic Scroll	Hermetic Scroll
	Output	0.8 kW	0.9 kW	1.16 kW	1.8 kW	2.3 kW	3.9 kW	3.3 kW
Refrigerant*	Type	R-22/R-410A*	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Dimensions	W x D x H	15 x 17 x 33 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
Net Weight/Shipping Weight		77/86 lb	151/182 lb	170/201 lb	216/253 lb	440/483 lb	623/732 lb	705/835 lb
Power Cord	Gauge	16 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
Condensate Tank Capacity		1.05 gal	5 gal	5 gal	5 gal	2 @ 5 gal	Auto Pump Included	Auto Pump Included
Operating Conditions	Min. - Max. (@ 50% RH)	66° - 86°F	65° - 95°F	65° - 95°F	65° - 95°F	65° - 95°F	65° - 105°F	65° - 105°F
Max. Equivalent Duct Length	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
Max. Sound Level	With Condenser Duct - high/low	53/52 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)

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 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.

⁴ Rating Conditions: 80°F at 50% RH

* Check manufacturer or reseller for refrigerant type

**Specification information shown with 230V

For more information visit www.movincool.com



DENSO SALES CALIFORNIA, INC.
REGISTERED TO ISO 9002
FILE NO. A55337

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MOVINCOOL TECHNICAL SPECIFICATIONS

		CM12	Classic 10	Classic Plus 14	Classic 18**	Classic Plus 26**	Classic 40	Classic 60
Suggested List Price		\$2,895	\$2,795	\$3,335	\$3,935	\$4,445	\$6,395	\$9,845
Electronic Features	Control Panel	Not Included	Digital	Programmable	Digital	Programmable	Mechanical	Mechanical
	Thermostat Control		Electronic	Electronic	Electronic	Electronic	Mechanical	Mechanical
Cooling Capacity	Rating conditions: 95°F at 60% RH	10,500 Btu/h ^{1,2}	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, 115V	1 Phase, 208/230V	1 Phase, 208/230V	3 Phase, 220V	3 Phase, 460V
	Total Power Consumption	1.23 kW ^{1,2}	1.1 kW	1.3 kW	2.1 kW	3.1 kW	4.7 kW	7.2 kW
	Current Consumption	11.9 amps ^{1,2}	10 amps	11.9 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	15 amps	20 amps	25 amps	20 amps
	NEMA Plug Configuration	N/A	5-15	5-15	6-15	6-20	L15-30	N/A
	Min. - Max. Voltage	105-125	105-125	105-125	198-250	198-250	198-250	440-480
Fans	Motor Output - high/low	0.04/0.013 kW Evap. 0.1/0.025 kW Cond.	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	Centrifugal
	Max. Air Flow - high/low	324/228 CFM ¹	265 CFM	440/380 CFM	530 CFM	708/600 CFM	1060 CFM	1580 CFM
	Max. External Static Pressure	0.16 IWG	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	Centrifugal	Propeller	Propeller
	Max. Air Flow - high/low	700/370 CFM	740 CFM	880/760 CFM	1180 CFM	1680/1460 CFM	2650 CFM	3800 CFM
	Max. External Static Pressure	0.12 IWG	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 Rotary	Hermetic Scroll	Hermetic Scroll	Hermetic Reciprocal
	Output	0.89 kW	0.6 kW	0.9 kW	1.1 kW	1.6 kW	2.2 kW	3.75 kW
Refrigerant*	Type	R-22/R-410A*	R-22/R-410A*	R-410A	R-22/R-410A*	R-22/R-410A*	R-22/R-410A*	R-22/R-410A*
Dimensions	W x D x H	35 x 23 x 15.5 in	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		121/140 lb	145/183 lb	166/197 lb	167/208 lb	235/265 lb	353/441 lb	463/545 lb
Power Cord	Gauge	N/A	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	N/A	10 ft	10 ft	6 ft	6 ft	6 ft	N/A
Condensate Tank Capacity		Auto Pump Included	5 gal	5 gal	5 gal	5 gal	2@ 5 gal (optional)	N/A
Operating Conditions	Min. - Max. (@ 50% RH)	65° - 95°F (Evaporator) ¹ 65° - 113°F (Condenser) ¹	70° - 105°F	70° - 113°F	70° - 105°F	70° - 113°F	75° - 115°F	75° - 115°F
Max. Equivalent Duct Length	Per Cold Duct Hose	20 ft ³	40 ft	30 ft	50 ft	60 ft	Varies	Varies
	Hot Duct Hose	10 ft ³	60 ft	60 ft	60 ft	45 ft	40 ft	40 ft
Max. Sound Level	With Condenser Duct - high/low	52 dB(A)	55 dB(A)	57/55 dB(A)	63 dB(A)	66/64 dB(A)	N/A	N/A
	Without Condenser Duct - high/low	NA/NA	58 dB(A)	60/58 dB(A)	67 dB(A)	69/67 dB(A)	72 dB(A)	72 dB(A)

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¹ 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)

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

³ Confirm pressure drop of duct, grills and filter with manufacturer's specifications (ducts not included)

* Check manufacturer or reseller for refrigerant type

**Specification information shown with 230V

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DENSO SALES CALIFORNIA, INC.
REGISTERED TO ISO 9002
FILE NO. AS 537