

CLIMATE

ENVIROCOMFORT RETROFIT A/C KITS

Designed as a do-it-yourself drop-in replacement, value-priced EnviroComfort retrofit kits provide 3,500, 6,000, 10,000 or 16,000 BTUs of cooling and heating. Complete A/C system installation kits are available.

ROTATABLE BLOWER
HORIZONTAL AND VERTICAL
DISCHARGE

DIY INSTALLATION
EASY TO INSTALL

DIGITAL CONTROL
EASY TO USE



115V/50 - 60Hz
208V/50 - 60Hz



3,500, 6,000, 10,000,
16,000 BTU

Mobile living made easy.

 **DOMETIC** **OUTDOOR**

CLIMATE CONTROL AT THE TOUCH OF A BUTTON

Model	ECD3.5		ECD6		ECD10			ECD16		
Capacity (BTU/h)	3500		6000		10000			16000		
Voltage (VAC)	115	115	230	230	115	230	230	115	230	230
Cycle (Hz) /Phase (Ph)	60/1	60/1	60/1	50/1	60/1	60/1	50/1	60/1	60/1	50/1
Full Load Amps (FLA) Cool	4.3	4.4	2.0	1.9	6.3	3.2	3.1	10.3	5.5	4.7
Full Load Amps (FLA) Heat	-	5.8	2.6	2.4	8.1	4.1	3.9	13.4	7.0	6.0
Full Load Amps (FLA) Blower	0.8	0.8	0.4	0.4	1.1	0.6	0.5	1.6	0.8	0.6
Locked Rotor Amps (LRA)	14.1	25.5	10.0	10.9	41.5	21.0	24.4	61.0	26.9	29.4
Max. Circuit Breaker (Amps)	10.0	15.0	9.0	8.0	25.0	15.0	15.0	40.0	25.0	21.0
Min. Circuit Ampacity (Amps)	7.0	10.0	5.0	4.0	17.0	9.0	8.0	25.0	13.0	12.0
Refrigerant Type	134A		410A		410A			410A		
Max Height (in/cm)	9.0/123		11.3/28.6		13.3/33.7			13.5/34.3		
Max Width	16.4/41.6		16/40.6		20.0/50.8			20/50.8		
Max Depth	8.0/20.3		9/22.9		9.6/24.5			11.3/28.6		
Min. Duct Size Dia. (in/cm)	4/10.2		4/10.2		6/15.3			6/15.3		
Seawater Inlet Connection (in/cm)	0.625/1.6		0.625/1.6		0.625/1.6			0.625/1.6		
Net Weight (lbs/kg)	30.0/13.6		42.5/19.3		57/25.9			64.0/29.1		67.0/30.4
Gross Weight (lbs/kg)	37.0/16.8		51.3/23.2		70/31.8			71.5/32.4		75.0/34.0
Height-Electrical Box (in/cm)					8.8/22.3					
Width-Electrical Box (in/cm)					6.5/16.6					
Depth-Electrical Box (in/cm)					2.8/7.1					
Retrofit Kit Part Number	-	207500306		207500310		207500316		207500017		
Installation Kit Part Number	-	218000106		218000110		218000116		218000117		
Dual Duct Kit Part Number	-	226600094		226600092		226600092		226600092		



1. INSTALLATION OPTIONS

Installation kits available for new A/C system installations.



2. DUAL-DUCT KIT

The optional dual-duct kit will treat an additional interior space.



3. DURABLE

Stainless-steel drain pan

Dometic EnviroComfort Retrofit Kits (R-410A)

Climate Control At the Touch Of a Button



Enjoy ideal temperatures on your boat year-round with EnviroComfort (ECD) self-contained air conditioning kits, now available with R-410A refrigerant, an environmentally safe gas.

ECD R-410A kits are available in 6,000, 10,000, and 16,000 BTUs of cooling and heating so you can size the system to suit your boat for ultimate comfort in a range of climates.

All units have high-velocity blowers with internal motors for a more compact installation footprint. The blower can be rotated to a horizontal or vertical position for greater installation flexibility. Units are built on an easy-to-plumb stainless-steel drain pan, and the pre-installed return-air filter is removable for cleaning.

ECD units are operated by a compact digital control/display (included) that features a bright green LED and large buttons. For added installation convenience, the plastic electrical box can be mounted remotely.

ECD kits are ideal for replacing an existing air conditioning system or for a new air conditioning installation. The Retrofit Kit includes the ECD self-contained air conditioning unit and digital control with bezel and is intended to replace an older self-contained air conditioner of comparable capacity. The ECD6K will replace a 5,000 to 7,000 BTU/hr unit; the ECD10K will replace an 8,000 to 11,000 BTU/hr unit; and the ECD16K will replace a 12,000 to 16,000 BTU/hr unit.

The Installation Kit includes all air distribution and plumbing components that, when combined with the Retrofit Kit, comprises an entirely new air conditioning system installation that is suited for treating one interior space. If air conditioning a second interior space is desired, add the Dual Duct Kit which includes a "Y" duct ring connector, 12.5 ft. (3.8 m) of flexible insulated duct, and a circular supply air grille.



The ECD Installation Kit includes all air distribution and plumbing components that, when combined with the ECD Retrofit Kit, comprise a complete air conditioning system installation.



The optional Dual Duct Kit will air condition an additional interior space.

Key Benefits

- High velocity, rotatable blower for horizontal or vertical installation
- Environmentally safe R-410A refrigerant
- Compact Dometic digital display/control
- Plastic remote electrical box for convenience in mounting
- Stainless-steel drain pan
- Pre-installed return-air filter, easily removable and cleanable
- Small, compact, space-saving design
- Retrofit Kit includes digital control and replaces an existing self-contained air conditioning unit
- Optional Dual Duct Kit for air conditioning an additional interior space
- Available in 6,000, 10,000, and 16,000 BTU/hr capacities

Specifications for Dometic EnviroComfort Retrofit Kits (R-410A)

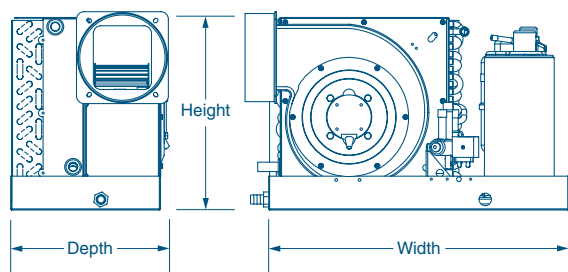
Model	ECD6K-410A	ECD10K-410A	ECD16K-410A	
Part Number (P/N)	207500306	207500310	207500316	207500017
Capacity (BTU/h)	6000	10000	16000	
Voltage (V)	115	115	115	230
Cycle (Hz)/Phase (Ph)	60/1	60/1	60/1	
Full Load Amps (FLA) Cool (A)	4.6	7	10.5	5.1
Full Load Amps (FLA) Heat (A)	5.9	9.1	13.7	6.6
Locked Rotor Amps (LRA) (A)	36	42	62	34
Max. Circuit Breaker (A)	15	25	40	20
Min. Circuit Ampacity (A)	12	16	25	12
Refrigerant Type	410A	410A	410A	
Height (in/mm) ⁽¹⁾	11.25/286	13.25/337	13.5/343	
Width (in/mm) ⁽¹⁾	16/407	20/508	20/508	
Depth (in/mm) ⁽²⁾	9/229	9.63/245	11.25/286	
Min. Supply Duct Size (in/mm)	4/102	6/153	6/153	
Seawater Inlet Connection (in/mm)	3/8/16	3/8/16	3/8/16	
Net Weight (lbs/kg) ⁽¹⁾	38/17.3	57/25.9	64/29.1	67/30.4
Height-Electrical Box (in/mm)	8.75/223	8.75/223	8.75/223	
Width-Electrical Box (in/mm)	6.5/166	6.5/166	6.5/166	
Depth-Electrical Box (in/mm)	2.77/71	2.77/71	2.77/71	

¹ All dimensions ± 0.30 in. (8 mm).

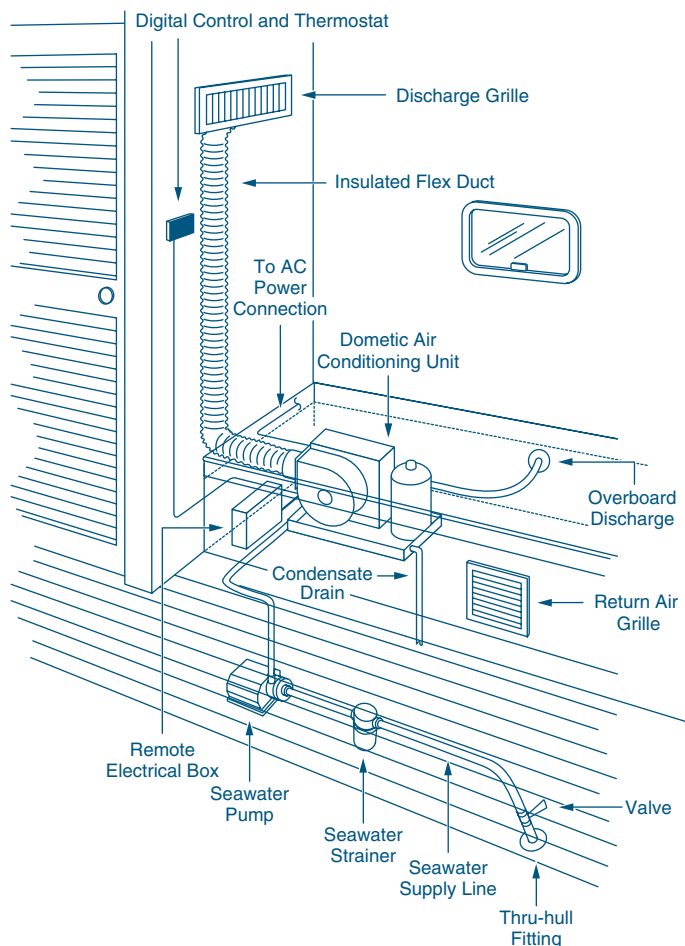
Part Numbers for ECD Kits

Kit Type	6,000 BTU/hr	10,000 BTU/hr	16,000 BTU/hr
Retrofit Kit	207500306	207500310	207500316
Installation Kit	218000106	218000110	218000116
Dual Duct Kit	226600094	226600092	226600092

Dimensions



Installation



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