

Duo-THERM®

by Dometic

WHEN ORDERING SPARE PARTS, ALWAYS STATE:

MODEL NO. - PRODUCT NO. - QUANTITY -
PART NUMBER - DESCRIPTION

OPTIONAL AIR DISTRIBUTION BOX ASSEMBLY WITH ELECTRONIC THERMOSTAT FOR 600 SERIES PENGUIN MODULARIZED ROOF TOP AIR CONDITIONER

USA
SERVICE OFFICE
The Dometic Corp.
509 So. Poplar St.
LaGrange, IN 46761

CANADA
Dometic Dist.
866 Langs Dr.
Cambridge, Ontario
CANADA N3H 2N7

PRE-WIRED FOR ELECTRIC HEAT PACKAGE

MODEL	COLOR	OPTIONAL GAS HEAT	WALL THERMOSTAT
3105458.008	Shell White	No	No
3105458.016*	Polar White *	No	No
3105459.006	Shell White	Yes	Yes
3105459.014	Shell White	No	Yes
3105459.022*	Polar White *	Yes	Yes
3105459.030*	Polar White *	No	Yes

* Designates Polar White

PARTS LIST

MODEL SERIES
3105458.XXX
3105459.XXX

3105458.008, 3105459.006 & 3105459.014
***3105458.016, *3105459.022 & *3105459.030**
Air Box Asm. Complete (A through E)

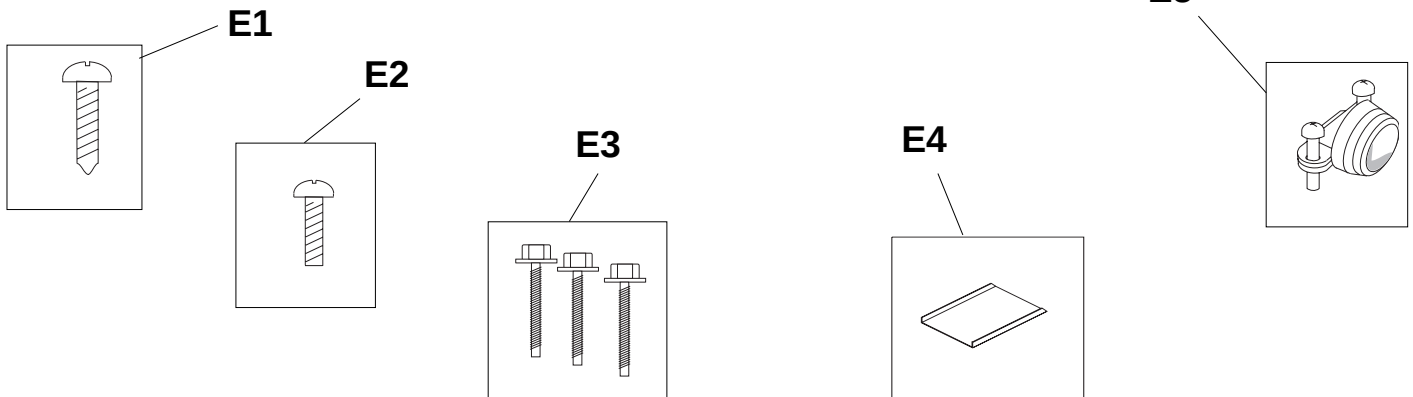
Item	Description		3105458.008 * 3105458.016	3105459.006 * 3105459.022	3105459.014 * 3105459.030
[A]	Template Assembly, Ceiling	(See Page 3,A1–A10)	3105455.004	3105455.004	3105455.004
[C]	Air Box Assembly-Shell White	(See Page 5,C2–C6)	3101390.064	3101390.056	3101390.056
[C]*	Air Box Assembly-Polar White	(See Page 5, C2–C6)	*3105908.028	*3105908.010	*3105908.010
[D]	Thermostat Assembly	(See Page 6, D)	— — — —	3105325.009	3105375.004
[E]	Parts Bag, Misc.	(See Page 2,E1–E5)	3108701.495	3108701.495	3108701.495
[F]	Holder, board	(See Page 2)	3102331.000	— — — —	— — — —
[G]	Board, Control	(See Page 2)	3108701.339	— — — —	— — — —
[J]	CUSTOMER OPTION — REQUIRED				
	J1 Cable 15'		— — — —	See Page 6	See Page 6
	J2 Cable 25'		— — — —	See Page 6	See Page 6
	J3 Cable 30'		— — — —	See Page 6	See Page 6
[K]	CUSTOMER OPTION — NOT REQUIRED				
	K1 Duct Extension (not shown)		318556.000	318556.000	318556.00
	K2 Bolt kit (not shown)		3100895.006	3100895.006	3100895.006
	K3 Heat kit (See Page 7, H1–H8)		3101121.022	3101121.022	3101121.022

* Designates Polar White

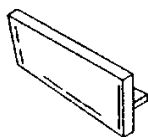
[E] 3108701.495

Parts Bag, Miscellaneous

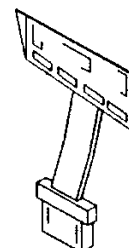
E1	312096.015	Screw, 10-16X .5	(6 req.)
E2	312194.008	Screw, 8-32X .38	(3 req.)
E3	3100375.058	Screw, 1/4-20X 7	(3 req.)
E4	3100278.013	Cover, junction box	
E5	20010.000	Connector, cable	



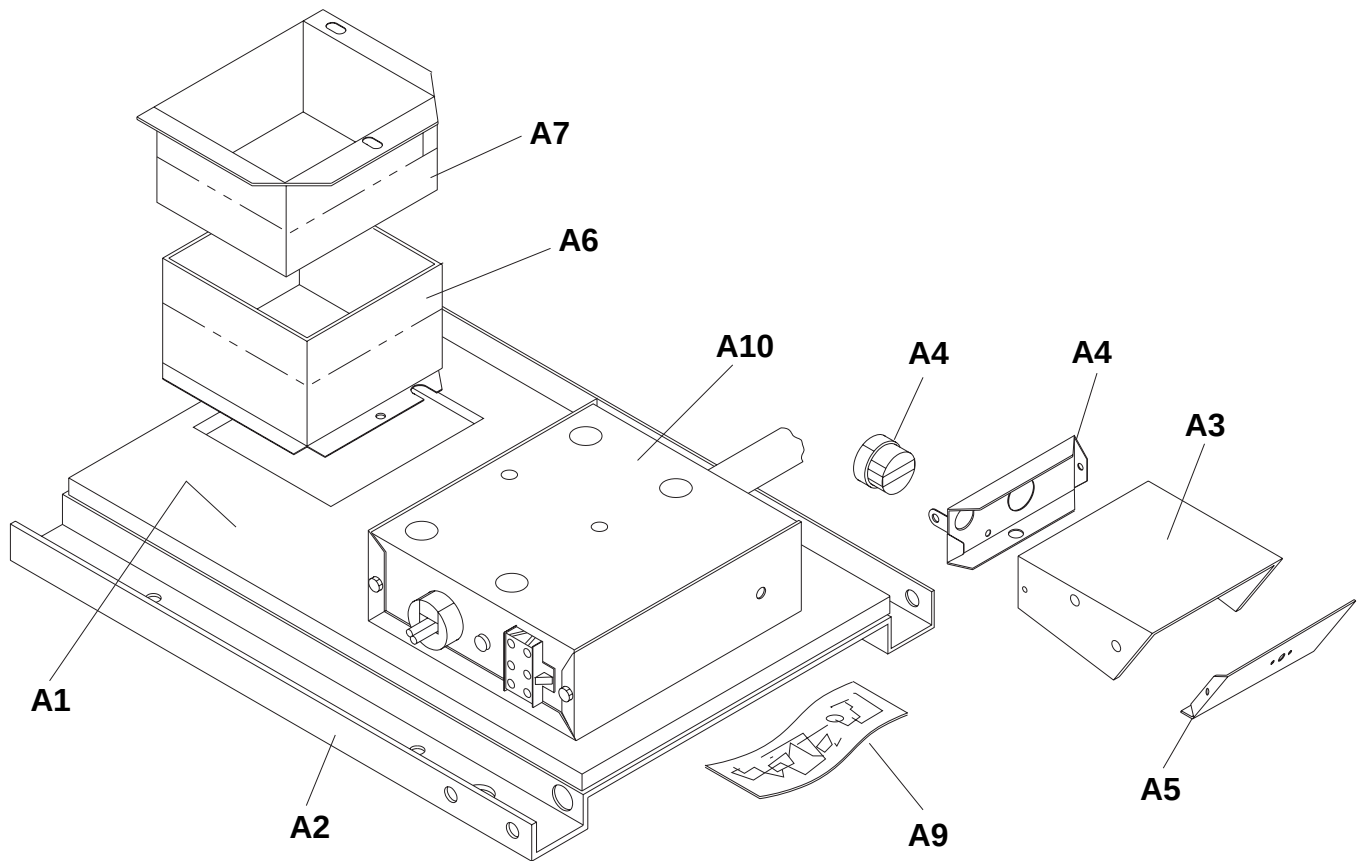
[F] Holder, board



[G] Board, control



3105455.004 TEMPLATE ASSEMBLY, CEILING **(A1 through A10)**

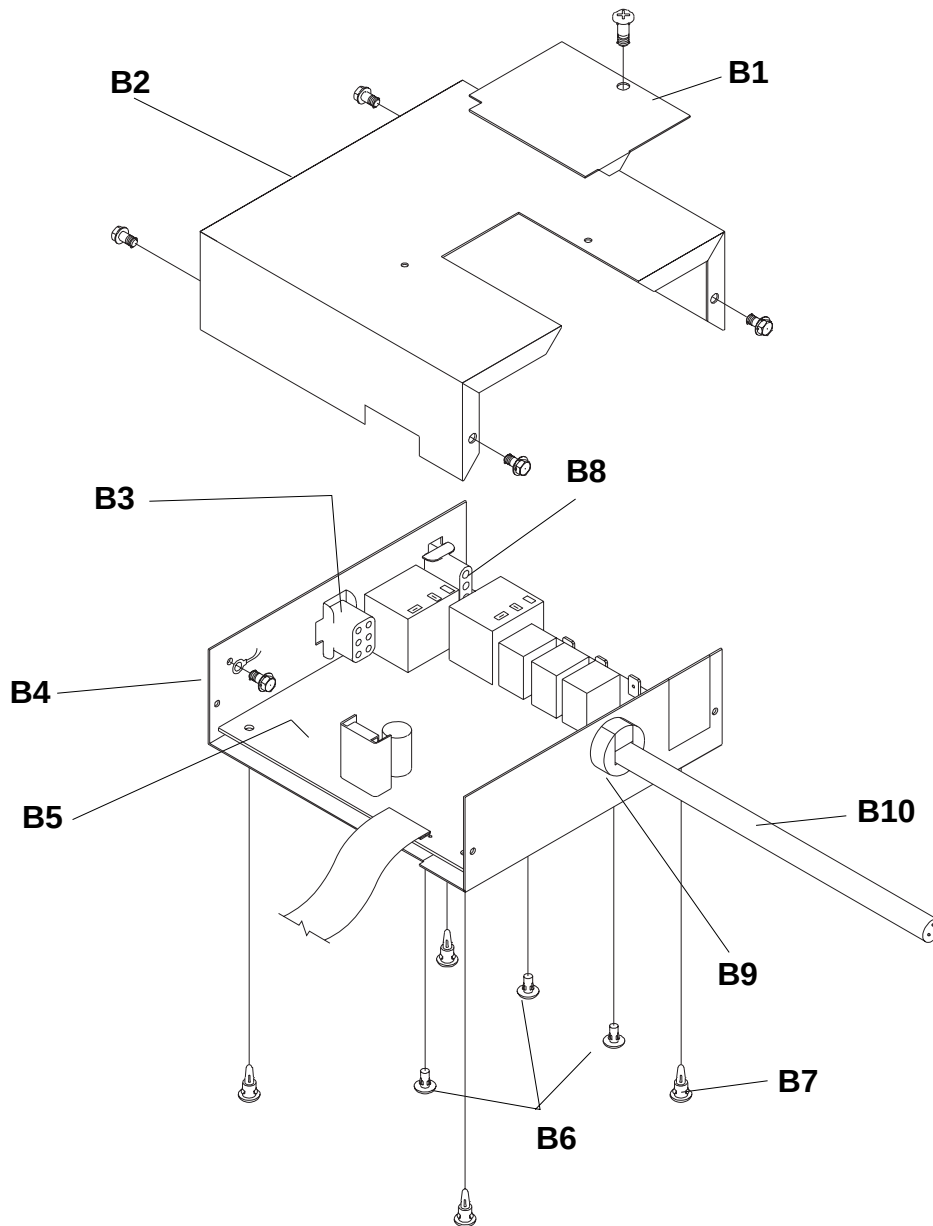


A 3105455.004 TEMPLATE, CEILING ASSEMBLY

Item #	Part No.	Description
A1	3100287.006	Insulation
A2	3100265.028	Template, ceiling
A3	3100275.001	Box, junction
A4	3100279.003	Box, back RH
A5	3100277.015	Box, front RH
A6	3100342.017	Duct extension, lower
A7	3100262.009	Duct extension, upper
A8	302994.001	Strain Relief
A9	3105442.002	Decal, field wiring
A10	3105461.002	Electronic assembly (See Page 4, B1–B10)

3105461.002 ELECTRONIC ASSEMBLY (B1 through B10)

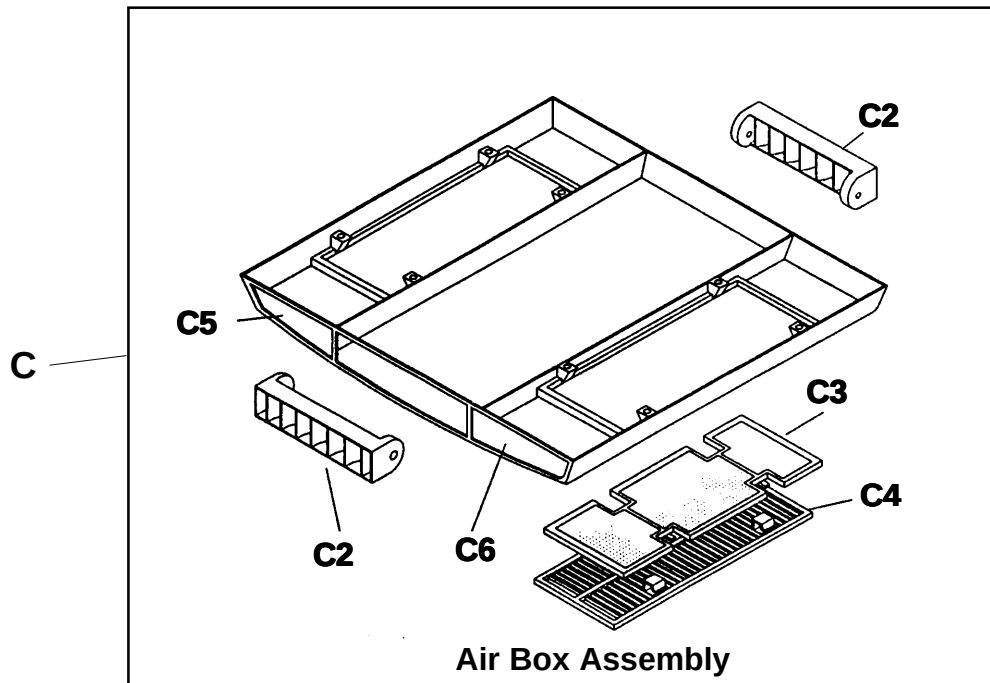
USED ON 3105458.008, 3105459.006 & 3105459.014 AIR BOX ASSEMBLIES
USED ON *3105458.016, *3105459.022 & *3105459.030 AIR BOX ASSEMBLIES



B	3105461.002	ELECTRONIC ASSEMBLY (B1 through B10)	
Item	Part No.	Description	
B1	3104967.009	Cover, junction box	
B2	3104965.003	Cover, main board box	
B3	314471.001	Cap, connection housing	
B4	3104964.006	Box, main board	
B5	3104855.006	Board, cycle main	
B6	3101623.019	Support, PC board (3 req.)	
B7	3101624.017	Standoff, PC board (4 req.)	
B8	314471.000	Plug, female	
B9	302994.018	Strain relief	
B10	318087.008	Sleeve, wire	

* Designates Polar White

OPTIONAL AIR DISTRIBUTION BOX



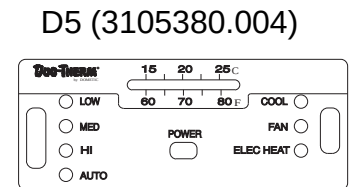
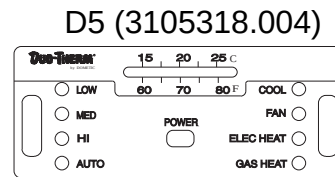
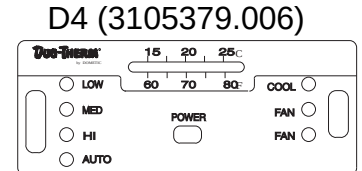
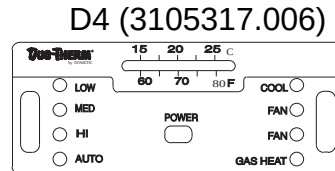
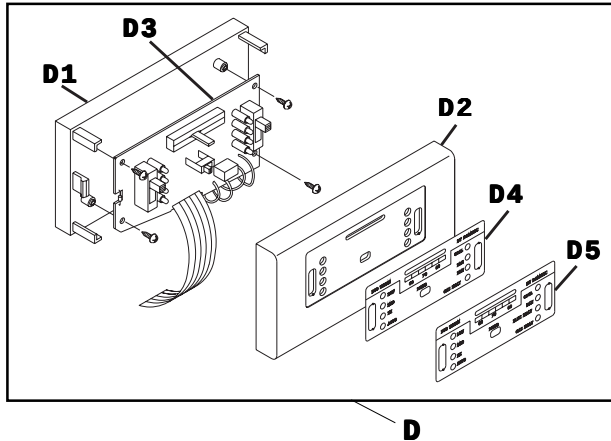
C AIR BOX ASSEMBLY, COMPLETE (C2 through C6)

	3105458.008	*3105458.016	3105459.006 3105459.014	*3105459.022 *3105459.030	Optional Air Distribution Box
Item	Part No.	Part No.	Part No.	Part No.	Description
C	3101390.064	*3105908.028	3101390.056	*3105908.010	Air box assembly Complete
C2	3100289.002	3100289.002	3100289.002	3100289.002	Louver assembly (2 req.)
C3	3100281.009	3100281.009	3100281.009	3100281.009	Filter, air (2 req.)
C4	3100270.002	3100270.010	3100270.002	3100270.010	Grill, return air (2 req.)
C5	3102334.020	3102334.020	3103816.009	3103816.009	Decal, air box LH
C6	3103815.001	3103815.001	3103815.001	3103815.001	Decal, air box RH

*** Designates Polar White**

ELECTRONIC THERMOSTAT ASSEMBLY

Air Box Assembly, Complete		3105459.006 *3105459.022 Part No.	3105459.014 *3105459.030 Part No.
Item	Description		
D	D1-D5 Thermostat, complete	(See note 1)	(See note 2)
	D1 Base, thermostat	3103808.014	3103808.014
	D2 Cover, thermostat	3103809.020	3103809.038
	D3 Board, control	3108701.339	3108701.339
	D4 Decal, T-stat (clg./electric heat)	3105317.006	3105379.006
	D5 Decal, T-stat (clg./gas & elec. heat)	3105318.004	3105380.004



Note 1: Thermostat Assembly is not normally required. Order individual part. Thermostat complete is part number 3105325.009

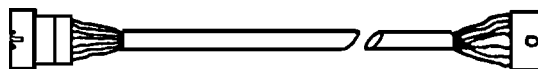
Note 2: Thermostat Assembly is not normally required. Order individual part. Thermostat complete is part number 3105375.004

Customer Option Required

**Used with Air Box Assembly, Complete 3105459.006 & 3105459.014
*3105459.022 & *3105459.030**

CABLE ASSEMBLY

Item	Description	Part No.
J	J1 Cable	15' 3101632.010
	J2 Cable	25' 3101632.028
	J3 Cable	30' 3101632.036



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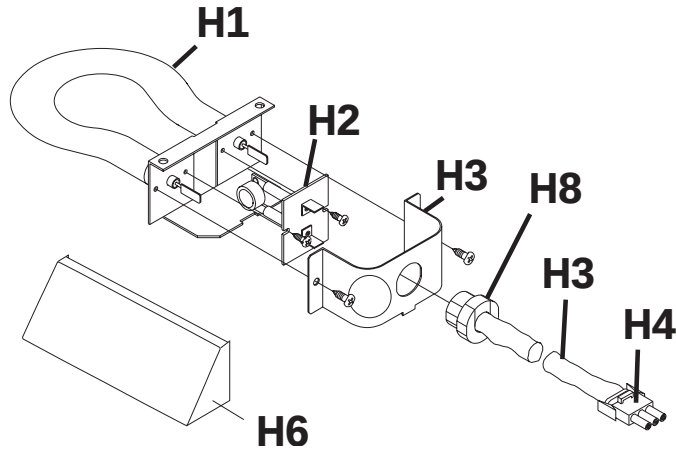
Customer Option -- Heat Kit

Used with Option:

3105458.008, 3105459.006 & 3105459.014 Air Box Asm.

***3105458.016, *3105459.022 & *3105459.030 Air Box Asm.**

H	H1-H8	Heat Kit complete	3101121.022
	H1	Element, heating	3104615.004
	H2	Switch, auto limit	3104613.009
	H3	Sleeving, fiberglass	3100394.083
	H4	Plug, male (3-pole)	314470.000
	H6	Guard, heat	3101143.000
	H7	Electric box	3101125.007
	H8	Strain, relief	302994.012



*** Designates Polar White**

WIRING

