

Improving the environment



New beginnings...

Product Catalogue 2010



SAP and current Numeration:

Espar has been working with their parent company, Eberspaecher to implement a new computer system called SAP (**S**ystems **A**pplication **P**roducts of data processing). SAP numeration will be replacing our current numeration for all inventory management functions for Espar.

This catalogue contains the new SAP part numbers.

For your convenience all manuals can be found at www.espar.com/help with heater specific parts listing

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Gasoline Air Heaters

Description

Part Number

B1LC compact 7,500 BTU

Basic Heater 12 volt with fuel pump

20 1766 05 00 00



AIRTRONIC B4 18,800 BTU

Basic Heater 12 volt with fuel pump

20 1812 05 00 00



AIRTRONIC B5 18,800 BTU

Basic Heater 12 volt with fuel pump with outlet hood

20 1859 05 00 00



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Diesel Air Heaters

Description

Part Number

AIRTRONIC 2 7,500 BTU

Basic Heater 12 volt with fuel pump

25 2069 05 00 00

Basic Heater 24 volt with fuel pump

25 2070 05 00 00



AIRTRONIC 4 13,600 BTU

Basic Heater 12 volt with fuel pump

25 2113 05 00 00

Basic Heater 24 volt with fuel pump

25 2114 05 00 00



AIRTRONIC 5 18,800 BTU

Basic Heater 12 volt with fuel pump with outlet hood

25 2361 05 00 00

Basic Heater 24 volt with fuel pump with outlet hood

25 2362 05 00 00



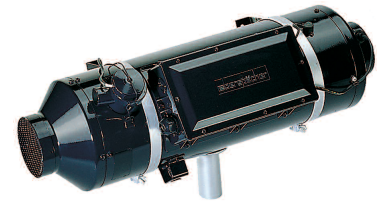
D8LC compact 27,300 BTU

Basic Heater 12 volt with control unit, internal cable harness, fuel pump, rheostat switch, external temperature sensor, combustion air tube, mounting bracket and shock mounts

25 1890 00 00 00

Basic Heater 24 volt with control unit, internal cable harness, fuel pump, rheostat switch, external temperature sensor, combustion air tube, mounting bracket and shock mounts

25 1891 00 00 00



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Gasoline Coolant Heaters

Description

Part Number

HYDRONIC B4 SC 13,700 BTU

Basic Heater 12 volt

20 1824 05 00 00



HYDRONIC B5 SC 17,100 BTU

Basic Heater 12 volt with external fuel pump

20 1820 05 00 00



HYDRONIC B5 S 17,100 BTU

Basic Heater 12 volt with external water pump and fuel pump

20 1819 05 00 00



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Diesel Coolant Heaters

Description

Part Number

HYDRONIC D4 SC 13,700 BTU

Basic Heater 12 volt

25 2257 05 00 00



HYDRONIC D5 SC 17,100 BTU

Basic Heater 12 volt

25 2219 05 00 00

Basic Heater 12 volt with external fuel pump

25 2325 05 00 00

Basic Heater 24 volt with external fuel pump,
coolant in/out 20mm

25 2147 05 00 00



HYDRONIC D5 S 17,100 BTU

Basic Heater 12 volt with external water pump
and fuel pump

25 2217 05 00 00

Basic Heater 24 volt with external water pump
and fuel pump, coolant in/out 18mm

25 2218 05 00 00

Basic Heater 24 volt with external water pump
and fuel pump, coolant in/out 20mm

25 2146 05 00 00



SPECIAL ORDER

HYDRONIC 5 Z 17,100 BTU

Basic Add Heater 12 volt

25 2216 05 00 00



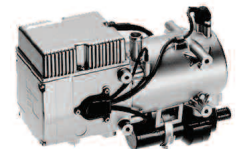
HYDRONIC 10/M 32,400 BTU

Basic Heater 12 volt with Fuel Pump

25 2160 05 00 00

Basic Heater 24 volt with Blinkcode

25 2227 05 00 00



HYDRONIC M-II 27,300, 32,450, 42,000 BTU

Hydronic M8 biodiesel 12 volt

25 2470 05 00 00

Hydronic M8 biodiesel 24 volt

25 2471 05 00 00

Hydronic M10 12 volt

25 2434 05 00 00

Hydronic M10 24 volt

25 2435 05 00 00

Hydronic M12 12 volt

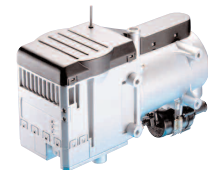
25 2472 05 00 00

Hydronic M12 24 volt

25 2473 05 00 00

Universal Installation Kit

25 2435 80 00 00



HYDRONIC 16 / 24 / 30 / 35

HYDRONIC L 16

25 2486 02 00 00

HYDRONIC L 24

25 2487 02 00 00

HYDRONIC L 24 Compact

25 2487 05 00 00

Water pump **Flowtronic 5000** and fuel filter pre-assembled

HYDRONIC L 30

25 2488 02 00 00

HYDRONIC L 30 Compact

25 2488 05 00 00

Water pump **Flowtronic 5000** and fuel filter pre-assembled

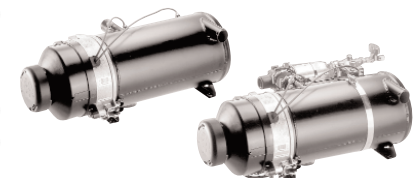
HYDRONIC L 35

25 2489 02 00 00

HYDRONIC L 35 Compact

25 2489 05 00 00

Water pump **Flowtronic 5000** and fuel filter pre-assembled



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Control Options and Timers

Description

Part Number

Rheostat Switch

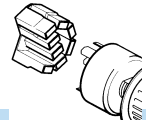
(AIRTRONIC 2 / 4, B1LC / B3LC compact, D5LC, D8LC)

12 volt

25 1895 71 00 00

24 volt

25 1896 71 00 00

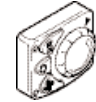


Mini-Controller

(AIRTRONIC 2 / 4)

12 and 24 volt

22 1000 32 07 00



Thermostat

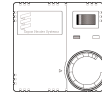
(AIRTRONIC 2 / 4, B1LC / B3LC compact, D5LC, D8LC)

12 volt

5670097

24 volt

5670096



External Switch Box (for CARGO applications only)

(B3LC compact, D5LC)

External Switch Harness 20 feet

20 2900 70 02 79

External Switch Harness 40 feet

20 2900 70 00 21



Push / Pull Switch

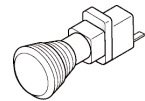
(AIRTRONIC 4, D5LC, HYDRONIC 4 / 5, HYDRONIC 10, HYDRONIC 16 / 24 / 30 / 35)

12 volt

5670007

24 volt

5670008



Mini Timer

(HYDRONIC 4 / 5)

Green Display 12 and 24 volt

22 1000 31 60 00

Blue Display 12 and 24 volt

22 1000 32 18 00



7-Day Timer

(AIRTRONIC 2 / 4, B / D1LC compact, B / D3LC compact)

12 and 24 volt 7day Timer

20 2900 70 02 35

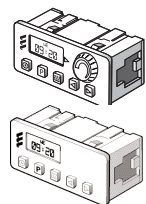
Timer with Bezel and Mounting Bracket

(HYDRONIC 4 / 5, HYDRONIC 10, HYDRONIC 16 / 24 / 30 / 35)

12 and 24 volt 7day Timer

20 2900 70 02 30

Timer with Bezel and Mounting Bracket



10 - 120 Minute Timer with LVD

12 volt

25 2800 70 10 10



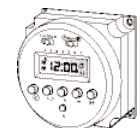
Programmable timer

12 volt

5670433

24 volt

5670434



Digi Controller

12 volt

20 2800 70 10 00



Command Call Remote

12 & 24 volt

20 2800 70 00 10



NITE Air Conditioning Systems

Description

Truck Model	SAP Part Number	AC only	NOTE
Kenworth Classic Sleeper Mack Vision Mack CH & CL Sterling A-Line Volvo VN Classic Sleeper & WIA Peterbilt 387 Freightliner Underbunk Mounting	20 2800 11 0021	5611021	<i>All NITE system kits include all necessary installation hardware for air conditioning unit and heating system.</i>
Freightliner P2	20 2800 11 0022	5611022	
International 9000I Series	20 2800 11 0023	5611023	
Kenworth T2000	20 2800 11 0025	5611025	
Keworth Sofa Sleeper	20 2800 11 0026	5611026	
Peterbilt 379 70" Sleeper + window Peterbilt 379 63" Sleeper + window	20 2800 11 0027	5611027	
Volvo VN 61" Sleeper 670 w/table Volvo VN 77" Sleeper 780 w/table	20 2800 11 0028	5611028	
Western Star	20 2800 11 0029	5611029	
International Prostar / Lonestar	20 2800 11 0024	5611024	
Battery Box (Excide only) for all Combo Kits	5611002	(1000010993)	
Universal A.C only Kit		5611020	

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Scope of Delivery

Description	Part Number	Heater	Harness	Fuel System	Ducting	Mounting Bracket	Control Options / Timers	Fuel Pickup Pipe	Hardware Kit	Exhaust Pipe	Intake Pipe	Manuals
AIRTRONIC D2												
Basic Heater 12 volt	25 2069 05 00 00	•										•
Basic Heater 24 volt	25 2070 05 00 00	•										•
Universal Installation Kit 12 or 24 volt	20 2820 69 02 80		•	•	•			•	•	•	•	•
AIRTRONIC D2 TRUCK KITS												
Conventional Truck Kit 12 volt with Thermostat No fuel pick-up pipe	20 2820 69 02 95	•	•	•	•	•	•		•	•	•	•
Conventional Truck Kit 12 volt with Mini-Controller No fuel pick-up pipe	20 2820 69 02 96	•	•	•	•	•	•		•	•	•	•
Conventional Truck Kit 12 volt with Thermostat	20 2820 69 02 81	•	•	•	•	•	•	•	•	•	•	•
Conventional Truck Kit 12 volt with Thermostat and 90° Outlet Hood	20 2820 69 02 84	•	•	•	•	•	•	•	•	•	•	•
Conventional Truck Kit 12 volt with Mini-Controller	20 2820 69 02 85	•	•	•	•	•	•	•	•	•	•	•
Conventional Truck Kit 12 volt with Mini-Controller and pickup pipe for vent fitting	20 2820 69 02 91	•	•	•	•	•	•	•	•	•	•	•
Conventional Truck Kit 12 volt with 7 Day Timer	20 2820 69 02 86	•	•	•	•	•	•	•	•	•	•	•
Conventional Truck Kit 24 volt with Thermostat	20 2820 70 02 81	•	•	•	•	•	•	•	•	•	•	•
Conventional Truck Kit 12 volt with Digi Controller with high altitude pump	20 2820 69 02 28	•	•	•	•	•	•	•	•	•	•	•
Conventional Truck Kit 12 volt with Digi Controller	20 2820 69 02 60	•	•	•	•	•	•	•	•	•	•	•
Conventional Truck Kit 12 volt with Digi Controller (No fuel pick-up)	20 2820 69 02 61	•	•	•	•	•	•	•	•	•	•	•
High Altitude Kits												
With high altitude fuel pump	24 0222 00 00 00											
With high altitude compensator, no extra fuel pump needed	20 2900 70 00 07											
Only heaters that show "H-Kit" on their factory label	22 1000 33 22 00											

Hardware Kit INCLUDES:

Fuel Clamps
Nuts
Cable Ties
Grommets
Exhaust Clamps
Brackets

Ducting Clamps
Washers
Routing Clamps
End Caps
Exhaust
Mounting Screws

Fuel System INCLUDES:

Clamps
5mm Fuel Line
1.5mm Fuel Line
3.5mm Fuel Line

*Refer to the Accessories Section for ducting components and additional accessories.
For the addition of engine preheat, refer to the Combo Truck Kits Section.*

Scope of Delivery

Description	Part Number	Heater	Harness	Fuel System	Ducting	Mounting Bracket	Control Options / Timers	Fuel Pickup Pipe	Hardware Kit	Exhaust Pipe	Intake Pipe	Manuals
AIRTRONIC B4 GASOLINE												
Basic Heater 12 volt with fuel pump	20 1812 05 00 00	•										•
AIRTRONIC D4 DIESEL												
Basic Heater 12 volt with fuel pump	25 2113 05 00 00	•										•
Basic Heater 24 volt with fuel pump	25 2114 05 00 00	•										•
Universal Installation Kit 12 or 24 volt	20 2821 13 04 80		•	•	•			•	•	•	•	•
AIRTRONIC D4 TRUCK KITS DIESEL												
Truck Kit 12 volt with Digi-Controller No fuel pick-up pipe	20 2821 13 04 71	•	•	•	•	•	•	•	•	•	•	•
Truck Kit 12 volt with Digi-Controller	20 2821 13 04 70	•	•	•	•	•	•	•	•	•	•	•
Conventional Truck Kit 12 volt with Thermostat	20 2821 13 04 81	•	•	•	•	•	•	•	•	•	•	•
Conventional Truck Kit 12 volt with Mini-Controller	20 2821 13 04 85	•	•	•	•	•	•	•	•	•	•	•
AIRTRONIC B4 TRUCK KITS GASOLINE												
Conventional Truck Kit 12 volt with Mini-Controller	20 2818 12 04 85	•	•	•	•	•	•	•	•	•	•	•
AIRTRONIC 4 CARGO KITS												
Cargo Installation Kit 12 volt with Thermostat	20 2900 00 04 01		•	•	•	x	•	•	•	■	•	•

x = cargo bracket
 ■ = exhaust with plate

Hardware Kit INCLUDES:

- Fuel Clamps
- Ducting Clamps
- Nuts
- Washers
- Cable Ties
- Routing Clamps
- Grommets
- End Caps
- Exhaust Clamps
- Exhaust Brackets
- Mounting Screws

Fuel System INCLUDES:

- Clamps
- 5mm Fuel Line
- 1.5mm Fuel Line
- 3.5mm Fuel Line

Refer to the Accessories Section for ducting components and additional accessories.

For the addition of engine preheat, refer to the Combo Truck Kits Section.



D1LC compact Diesel Air Heater 7,500 BTU

B1LC compact Gasoline Air Heater 7,500 BTU

Scope of Delivery

Description	Part Number	Heater	Harness	Fuel System	Ducting	Mounting Bracket	Control Options / Timers	Fuel Pickup Pipe	Hardware Kit	Exhaust Pipe	Intake Pipe	Manuals
D1LC compact D1LC Compact 12 volt with fuel pump (limited in stock)	25 1976 05 00 00	•										•
B1LC compact Basic Heater 12 volt with fuel pump	20 1766 05 00 00	•										•
Universal Installation Kit 12 volt	20 2819 76 01 80		•	•	•				•	•	•	•

Hardware Kit INCLUDES:

- Fuel Clamps
- Ducting Clamps
- Nuts
- Washers
- Cable Ties
- Routing Clamps
- Grommets
- End Caps
- Exhaust Clamps
- Exhaust Brackets
- Mounting Screws

Fuel System INCLUDES:

- Clamps
- 5mm Fuel Line
- 1.5mm Fuel Line
- 3.5mm Fuel Line

Refer to the Accessories Section for ducting components and additional accessories.

Scope of Delivery

Description	Part Number	Heater	Harness	Fuel System	Ducting	Mounting Bracket	Control Options / Timers	Fuel Pickup Pipe	Hardware Kit	Exhaust Pipe	Intake Pipe	Manuals
AIRTRONIC 5												
Basic Heater 12 volt with fuel pump, outlet hood	25 2361 05 00 00	•										•
Basic Heater 24 volt with fuel pump, outlet hood	25 2362 05 00 00	•										•
Universal Installation Kit 12 and 24 volt	20 2823 61 05 80		•	•	•			•	•	•	•	
AIRTRONIC B5												
Basic Heater 12 volt with fuel pump,	20 1859 05 00 00	•										•
Universal Installation Kit 12 and 24 volt	20 2823 61 05 80		•	•	•			•	•	•	•	
AIRTRONIC L CARGO KITS												
Inside Trailer Kit 12 volt with Thermostat	20 2900 00 05 50		•	•		□	•	•	•	•	■	•

□ = cargo bracket
 ■ = exhaust with plate

Hardware Kit INCLUDES:

- Fuel Clamps
- Nuts
- Washers
- Cable Ties
- Routing Clamps
- Grommets
- End Caps
- Exhaust Clamps
- Exhaust Brackets
- Mounting Screws

Fuel System INCLUDES:

- Clamps
- 5mm Fuel Line
- 1.5mm Fuel Line
- 3.5mm Fuel Line

Refer to the Accessories Section for ducting components and additional accessories.

For the addition of engine preheat, refer to the Combo Truck Kits Section.



D8LC Diesel Air Heater 27,300 BTU

Description	Part Number
-------------	-------------

NOTE: No installation kits available for this heater.

D8LC compact

Basic Heater 12 volt	25 1890 00 00 00
INCLUDES: Control Unit	25 1688 50 00 45
Fuel Pump	22 4603 01 00 00
Rheostat Switch	25 1895 71 00 00
External Temperature Sensor	25 1774 89 03 00
Combustion Air Tube	10 2114 25 00 00
Shock Mounts	330 09 002
Mounting Bracket (large)	25 1244 05 00 02
Mounting Bracket (small)	25 1728 05 00 01
Basic Heater 24 volt	25 1891 00 00 00
INCLUDES: Control Unit	25 1689 50 00 37
Fuel Pump	22 4604 01 00 00
Rheostat Switch	25 1896 71 00 00
External Temperature Sensor	25 1774 89 03 00
Combustion Air Tube	10 2114 25 00 00
Shock Mounts	330 09 002
Mounting Bracket (large)	25 1244 05 00 02
Mounting Bracket (small)	25 1728 05 00 01

Accessories

Harness	
External Harness 20 feet	20 2900 70 08 02
External Harness 35 feet	20 2900 70 08 03
Fuel	
Fuel line 5.0mm black rubber, suction side	360 75 350
Fuel line 2.0mm white plastic, pressure side	890 31 117
Fuel line connector piece 3.5mm for 2mm fuel line	360 75 300
Fuel pick-up pipe 4mm	20 2900 20 20 58
Clamp 9mm for 3.5mm hose	10 2068 00 90 98
Clamp 11mm for 5mm hose	10 2068 01 10 98
Exhaust	
Flexible stainless steel exhaust 42mm	5530013
Exhaust clamp	152 09 004
Exhaust end cap for 42mm	22 1000 40 02 00
Flexible air intake 30mm SPECIAL ORDER	10 2114 25 00 00
Controls	
Thermostat 12 volt	5670097
Thermostat 24 volt	5670096
Rheostat Switch 12 volt	25 1895 71 00 00
Rheostat Switch 24volt	25 1896 71 00 00
External Temperature Sensor, provided with heater	25 1774 89 03 00
External Temperature Sensor, extension harness	25 1482 89 40 00

Refer to the Accessories Section for ducting components.

Scope of Delivery

Description	Part Number	Heater	Harness	Fuel System*	Coolant Hose	Mounting Bracket	Control Options / Timers	Fuel Pickup Pipe	Hardware Kit ^o	Exhaust Pipe	Intake Pipe	Boxed	Manuals
HYDRONIC B4 SC GASOLINE													
Basic Heater 12 volt	20 1824 05 00 00	•											•
Universal Installation Kit 12 volt	20 1824 80 00 00		↔	•	•	•			•	•	•		
HYDRONIC D4 SC DIESEL													
Basic Heater 12 volt	25 2257 05 00 00	•											•
Universal Installation Kit 12 volt	25 2257 80 00 00		↔	•	•	•			•	•	•		
HYDRONIC D4 SC TRUCK KITS DIESEL													
12 volt	25 2822 57 04 20	•	•	•		•		•	•	•	•		•
Boxed 12 volt	25 2822 57 04 55	•	•	•		•		•	•	•	•	•	•

↔ = includes blower relay connection

^oHardware Kit INCLUDES:

- Fuel Clamps
- Nuts
- Cable Ties
- Grommets
- Exhaust Clamps
- Mounting Screws
- Ducting Clamps
- Washers
- Routing Clamps
- End Caps
- Exhaust Brackets

***Fuel System INCLUDES:**

- Clamps
- 5mm Fuel Line
- 1.5mm Fuel Line
- 3.5mm Fuel Line

*Refer to the Accessories Section for additional accessories.
For the addition of bunk heat, refer to the Combo Truck Kits Section.*



HYDRONIC B5 SC Gasoline Coolant Heater 17,100 BTU

HYDRONIC D5 SC Diesel Coolant Heater 17,100 BTU

Scope of Delivery

If installation is less than 6 feet from the fuel tank kits with external fuel pumps are not required.

Description	Part Number	Heater	Harness	Fuel System*	Coolant Hose	Mounting Bracket	Control Options / Timers	Fuel Pickup Pipe	Hardware Kit ^o	Exhaust Pipe	Intake Pipe	Boxed	Manuals
HYDRONIC D5 SC DIESEL													
Basic Heater 12 volt	25 2219 05 00 00	•											•
Universal Installation Kit 12 volt	25 2800 90 05 10		•	•	•	•			•	•	•		
Universal Installation Kit 12 volt w/Relay	25 2800 90 05 12		•	•	•	•			•	•	•		
Basic Heater 12 volt with External Fuel Pump	25 2325 05 00 00	•											•
Universal Installation Kit 12 volt	25 2800 90 05 11		•	•	•	•			•	•	•		
Basic Heater 24 volt	25 2147 05 00 00	•											•
Universal Installation Kit 24 volt	25 2009 80 00 00		†	•	•	•			•	•	•		
HYDRONIC D5SC (Internal FMP) TRUCK KITS DIESEL													
12 volt Kit	25 2522 19 05 20	•	•	•		•		•	•	•	•	•	•
12 volt Kit with 7 day timer	25 2822 19 05 21	•	•	•		•	•	•	•	•	•	•	•
12 volt Boxed Kit	25 2822 19 05 40	•	•	•		•		•	•	•	•	•	•
12 volt Boxed Kit with 7 day timer	25 2822 19 05 41	•	•	•		•	•	•	•	•	•	•	•
12 volt Boxed Kit with 7 day timer & vent tube pick-up pipe	25 2822 19 05 51	•	•	•		•	•	•	•	•	•	•	•
12 volt Boxed Kit with no pick-up pipe	25 2822 19 05 56	•	•	•		•		•	•	•	•	•	•
HYDRONIC D5SC (External FMP) TRUCK KITS DIESEL													
12 volt Kit	25 2823 25 05 20	•	•	•		•		•	•	•	•	•	•
12 volt Kit with 7 day timer	25 2823 25 05 21	•	•	•		•	•	•	•	•	•	•	•
12 volt High altitude with mini timer	25 2823 25 05 23	•	•	•		•	•	•	•	•	•	•	•
12 volt Boxed Kit	25 2823 25 05 40	•	•	•		•		•	•	•	•	•	•
12 volt Boxed Kit with 7 day timer	25 2823 25 05 41	•	•	•		•	•	•	•	•	•	•	•
HYDRONIC D5 SC OFF-HIGHWAY KITS DIESEL													
24 volt with External Fuel Pump	25 2821 47 05 20	•	•	•		•		•	•	•	•	•	•
24 volt with External Fuel Pump and timer	25 2821 47 05 21	•	•	•		•	•	•	•	•	•	•	•
Boxed 24 volt with External Fuel Pump	25 2821 47 05 55	•	•	•		•		•	•	•	•	•	•
Boxed 24 volt with External Fuel Pump and timer	25 2821 47 05 57	•	•	•		•	•	•	•	•	•	•	•
HYDRONIC D5 SC AUTOMOTIVE PICK-UP KITS DIESEL													
12 volt with 7 day timer	25 2822 19 05 22	•	*	•	•	•	•	•	•	•	•	•	•
12 volt with External Fuel Pump and 7 day timer	25 2823 25 05 22	•	*	•	•	•	•	•	•	•	•	•	•
HYDRONIC B5 SC GASOLINE													
Basic Heater 12 volt with external fuel pump	20 1820 05 00 00	•											•
Universal Installation Kit 12 volt	25 2800 90 05 11		•	•	•	•			•	•	•		
HYDRONIC B5SC TRUCK KIT GASOLINE													
12 volt with External Fuel Pump	20 2818 20 05 20	•	•	•		•		•	•	•	•	•	•
HYDRONIC B5 SC AUTOMOTIVE PICK-UP KIT GASOLINE													
12 volt with External Fuel Pump	20 2818 20 05 22	•	*	•	•	•	•	•	•	•	•	•	•

† = includes blower relay connection

* = harness has blower relay

Refer to the Accessories Section for ducting components and additional accessories.

For the addition of engine preheat, refer to the Combo Truck Kits Section.

Pick-up Truck Kits

HYDRONIC D5 SC Diesel Coolant Heater 17,100 BTU

Scope of Delivery

If installation is less than 6 feet from the fuel tank kits with external fuel pumps are not required.

Description	Part Number	Heater	Harness	Fuel System*	Coolant Hose	Mounting Bracket	Control Options / Timers	Fuel Pickup Pipe	Hardware Kit ^o	Exhaust Pipe	Intake Pipe	Boxed	Manuals
Pick-up Truck kits (After Market)													
DODGE Kits													
2003 - 2007 5.9 L with mini timer	25 2822 19 05 32	•	*	•		•	•	•	•	•	•		•
2007 - 2008 6.7 L with mini timer	25 2800 10 05 35	•	*	•		•	•	•	•	•	•		•
GM Duramax Kits													
Frame diemensions not larger than 225mm high, 77mm wide Mini timer and internal FMP Left side mount	25 2822 19 05 70	•	•	•		•	•	•	•	•	•		•
Mini timer and external FMP Right side mount	25 2823 25 05 75	•	•	•		•	•	•	•	•	•		•
Ford Powerstroke Kits													
Frame rail diemensions not larger than 204mm high, 77mm wide Mini timer and external FMP	25 2823 25 05 85	•	•	•		•	•	•	•	•	•		•
Sprinter Conversion Kit with mini - timer													
Converts auxiliary heater into preheater (2006 and earlier models)	24 0212 00 00 00												

^oHardware Kit INCLUDES:

- Fuel Clamps
- Nuts
- Cable Ties
- Grommets
- Exhaust Clamps
- Mounting Screws
- Ducting Clamps
- Washers
- Routing Clamps
- End Caps
- Exhaust Brackets

***Fuel System INCLUDES:**

- Clamps
- 5mm Fuel Line
- 1.5mm Fuel Line
- 3.5mm Fuel Line

* = harness has blower relay

Refer to the Accessories Section for additional accessories.
For the addition of engine preheat, refer to the Combo Truck Kits Section.



HYDRONIC B5 S Gasoline Coolant Heater 17,100 BTU

HYDRONIC D5 S Diesel Coolant Heater 17,100 BTU

Scope of Delivery

If installation is less than 6 feet from the fuel tank kits with external fuel pumps are not required.

Description	Part Number	Heater	Harness	Fuel System	Coolant Hose	Mounting Bracket	Control Options / Timers	Fuel Pickup Pipe	Hardware Kit	Exhaust Pipe	Intake Pipe	Boxed	Manuals
HYDRONIC D5 S DIESEL													
Basic Heater 12 volt	25 2217 05 00 00	•											•
Universal Installation Kit 12 volt	20 1819 80 00 00		↕	•	•	•			•	•	•		
Basic Heater 24 volt	25 2218 05 00 00	•											•
Universal Installation Kit 24 volt	25 2218 80 00 00		↕	•	•	•			•	•	•		
Basic Heater 24 volt	25 2146 05 00 00	•											•
Universal Installation Kit 24 volt	25 2009 80 00 00		↕	•	•	•			•	•	•		
HYDRONIC D5S TRUCK KIT DIESEL													
12 volt with External Water and Fuel Pump	25 2822 17 05 20	•	•	•	•	•		•	•	•	•		•
HYDRONIC D5S OFF-HIGHWAY KIT DIESEL													
24 volt with External Water and Fuel Pump	25 2822 18 05 20	•	•	•	•	•		•	•	•	•		•
HYDRONIC B5 S GASOLINE													
Basic Heater 12 volt with external water and fuel pump	20 1819 05 00 00	•											•
Universal Installation Kit 12 volt	20 1819 80 00 00		↕	•	•	•			•	•	•		
HYDRONIC B5 S GASOLINE													
12 volt with external water and fuel pump	20 1862 05 00 00	•	↕	•	•	•		•	•	•	•	•	•

Hardware Kit INCLUDES:

- Fuel Clamps
- Ducting Clamps
- Nuts
- Washers
- Cable Ties
- Routing Clamps
- Grommets
- End Caps
- Exhaust Clamps
- Exhaust Brackets
- Mounting Screws

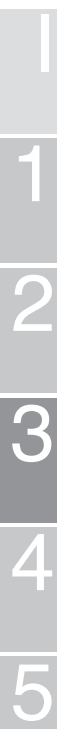
Fuel System INCLUDES:

- Clamps
- 5mm Fuel Line
- 1.5mm Fuel Line
- 3.5mm Fuel Line

↕ = includes blower relay connection

Refer to the Accessories Section for ducting components and additional accessories.

For the addition of engine preheat, refer to the Combo Truck Kits Section.



HYDRONIC 10 / M Diesel Coolant Heater 32,400 BTU

Scope of Delivery

Description	Part Number	Heater	Harness	Fuel System	Coolant Hose	Mounting Bracket	Control Options / Timers	Fuel Pickup Pipe	Hardware Kit	Exhaust Pipe	Intake Pipe	Boxed	Manuals
HYDRONIC 10 / M													
Basic Heater 12 volt with Fuel Pump	25 2160 05 00 00	•											•
Universal Installation Kit 12 volt	25 2821 60 10 80		•	•		•			•	•	•		•
Basic Heater 24 volt with Blinkcode	25 2227 05 00 00	•											•
Universal Installation Kit 12 and 24 volt	25 2822 27 10 80		•	•		•			•	•	•		•
HYDRONIC 10 / M - BOXED KITS													
Boxed 12 volt with Internal Fuel Pump (max. 6ft. of fuel line)	25 2821 60 10 55	•	•	•		•		•	•	•	•	•	•
Boxed 12 volt with External Fuel Pump	25 2821 60 10 56	•	•	•		•		•	•	•	•	•	•
Boxed 24 volt with Internal Fuel Pump (max. 6ft. of fuel line)	25 2822 27 10 55	•	•	•		•		•	•	•	•	•	•
Boxed 24 volt with External Fuel Pump	25 2822 27 10 56	•	•	•		•		•	•	•	•	•	•

HYDRONIC M-II Series: 27,300, 32,450, 42,000 BTU

Hydronic M8 biodiesel 12 volt	25 2470 05 00 00	•						•					•
Hydronic M8 biodiesel 24 volt	25 2471 05 00 00	•						•					•
Hydronic M10 12 volt	25 2434 05 00 00	•											•
Hydronic M10 24 volt	25 2435 05 00 00	•											•
Hydronic M12 12 volt	25 2472 05 00 00	•											•
Hydronic M12 24 volt	25 2473 05 00 00	•											•
Hydronic M8 biodiesel 12 volt Boxed Kit	25 2824 70 08 10	•	•	•		•		•	•	•	•	•	•
Hydronic M8 biodiesel 24 volt Boxed Kit	25 2824 71 08 10	•	•	•		•		•	•	•	•	•	•
Hydronic M10 12 volt Boxed Kit	25 2824 34 10 10	•	•	•		•		•	•	•	•	•	•
Hydronic M10 24 volt Boxed Kit	25 2824 35 10 10	•	•	•		•		•	•	•	•	•	•
Hydronic M12 12 volt Boxed Kit	25 2824 72 12 10	•	•	•		•		•	•	•	•	•	•
Hydronic M12 24 volt Boxed Kit	25 2824 73 12 10	•	•	•		•		•	•	•	•	•	•
Universal Installation Kit	25 2435 80 00 00		*	•		•		•	•	•			
Espar Universal Install 12V with diagnosis connection	25 2800 90 10 12		•	•		•		•	•	•			
Espar Universal Install 24V with diagnosis connection	25 2800 90 10 24		•	•		•		•	•	•			

* = Harness has blower motor relay

Hardware Kit INCLUDES:

Fuel Clamps, Ducting Clamps, Nuts, Washers, Cable Ties, Routing Clamps, Grommets, End Caps, Exhaust Clamps, Exhaust Brackets, Mounting Screws.

Fuel System INCLUDES:

Clamps, 5mm Fuel Line
1.5mm Fuel Line, 3.5mm Fuel Line.

*Note: A special fuel pipe kit is enclosed with the two bio diesel heaters.
The fuel pipes in this kit are especially suitable for biodiesel fuels.*

*Refer to the Accessories Section for ducting components and additional accessories.
For the addition of engine preheat, refer to the Combo Truck Kits Section.*

E-Guardian

Scope of Delivery

Description	Part Number	Heater	Harness	Fuel System	Coolant Hose	Mounting Bracket	Control Options / Timers	Fuel Pickup Pipe	Hardware Kit	Exhaust Pipe	Intake Pipe	Boxed	Manuals
E-Guardian HYDRONIC D5 KITS													
Basic D5 E-Guardian 12V Kit	25 2823 25 0506	•	•	•		•		•	•	•			•
Boxed D5 E-Guardian 12V Kit	25 2823 25 0500	•	•	•		•	•	•	•	•	•	•	•
Boxed D5 E-Guardian 12V High Altitude Kit	25 2823 25 0501	•	•	•		•	•	•	•	•	•	•	•
Boxed D5 E-Guardian 12V New York Kit	25 2823 25 0505	•	•	•		•	•	•	•	•	•	•	•
E-Guardian HYDRONIC M-II KITS													
Boxed M-II 8 KW Heater 12 V Kit	25 2824 70 08 00	•	•	•		•	•	•	•	•	•	•	•
Boxed M-II 10 KW Heater 12 V Kit	25 2824 34 10 00	•	•	•		•	•	•	•	•	•	•	•
Boxed M-II 12 KW Heater 12 V Kit	25 2824 72 12 00	•	•	•		•	•	•	•	•	•	•	•
Basic M-II 12 KW Heater 12 V Kit	25 2824 72 12 01	•	•	•		•		•	•	•			•
Boxed M-II 12 KW Heater 24 V Kit	25 2824 73 12 00	•	•	•		•	•	•	•	•	•	•	•
Boxed M-II 12 KW Heater 12 V New York Kit	25 2824 72 12 05	•	•	•		•	•	•	•	•	•	•	•

Hardware Kit INCLUDES:

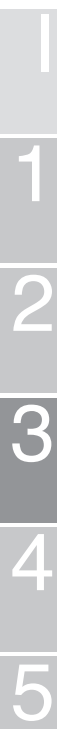
- Fuel Clamps
- Ducting Clamps
- Nuts
- Washers
- Cable Ties
- Routing Clamps
- Grommets
- End Caps
- Exhaust Clamps
- Exhaust Brackets
- Mounting Screws

Fuel System INCLUDES:

- Clamps
- 5mm Fuel Line
- 1.5mm Fuel Line
- 3.5mm Fuel Line

Refer to the Accessories Section for ducting components and additional accessories.

For the addition of engine preheat, refer to the Combo Truck Kits Section.



HYDRONIC L-II

HYDRONIC 16 Diesel Coolant Heater 55,000 BTU

HYDRONIC 24 Diesel Coolant Heater 82,000 BTU

HYDRONIC 30 Diesel Coolant Heater 102,000 BTU

HYDRONIC 35 Diesel Coolant Heater 120,000 BTU

NOTE: No installation kits available for these heaters.

Description	Part Number
HYDRONIC L 16	
Basic Heater 24 volt	25 2486 02 00 00
HYDRONIC L 24	
Basic Heater 24 volt	25 2487 02 00 00
HYDRONIC L 24 Compact	
Water pump Flowtronic 5000 and fuel filter pre-assembled	25 2487 05 00 00
HYDRONIC L 30	
Basic Heater 24 volt	25 2488 02 00 00
HYDRONIC L 30 Compact	
Water pump Flowtronic 5000 and fuel filter pre-assembled	25 2488 05 00 00
HYDRONIC L 35	
Basic Heater 24 volt	25 2489 02 00 00
HYDRONIC L 35 Compact	
Water pump Flowtronic 5000 and fuel filter pre-assembled	25 2489 05 00 00
Accessories	
Harnesses	
Universal Harness	20 2900 70 05 10
Compact Heater Harness	20 2900 70 05 11
Fuel	
Filter kit for basic kit	25 2800 20 00 05
Nipple and Nut Connectors for compact version (1 required)	20 2900 20 20 71
Fuel Line 5.0mm black rubber	360 75 350
Clamps 11mm	10 2068 01 10 98
Fuel Pick-up with Return	20 2900 20 20 59
Exhaust	
Flexible Stainless Steel Exhaust Tube 70mm	5530015
Muffler Clamp 3"	5530004
Exhaust Elbow (70mm exhaust) D30 / D35	22 1000 40 03 00
Pumps	
Coolant Pump 24volt (5,000 L/hr)	25 1818 29 00 00
Flowtronic Coolant Pump 24 volt (6,000 L/hr)	25 1818 27 00 00
Controls	
Push / Pull Switch 24 volt (supplied with harness)	5670008
7-Day Timer Kit 24 volt	22 1000 30 36 00
7-Day Timer Kit 24 volt with Bezel and Mounting Bracket	20 2900 70 02 30
Bezel and Mounting Bracket for 7-day timer	25 1482 70 01 00
12V to 24V Power Converter Kits	
Hydronic 16 with/without coolant pump	
Hydronic 24, 30, 35 without pump	25 2800 90 12 23
Hydronic 16, 24, 30, 35 with/without coolant pump	25 2800 90 12 24

*All HYDRONIC 16 / 24 / 30 / 35 heaters come with a preheat nozzle.
Refer to the Accessories Section for additional accessories.*

AIRTRONIC 2 / HYDRONIC 4 / 5

Combo Kits Diesel 12 volt only

Scope of Delivery

Description	Part Number	Heater	Harness	Fuel System	Coolant Hose	Mounting Bracket	Control Options / Timers	Fuel Pickup Pipe	Hardware Kit	Exhaust Pipe	Intake Pipe	Boxed	Manuals
AIRTRONIC 2 / HYDRONIC 4													
Truck Kit	20 2812 15 20 40	•	•	•		•	•	d	•	•	•		•
INCLUDES:	7-Day Timer Thermostat 12 volt Inside Frame Mounting Bracket												
Boxed Truck Kit	20 2812 15 20 41	•	•	•		•	•	d	•	•	•	•	•
INCLUDES:	7-Day Timer Thermostat 12 volt												
AIRTRONIC 2 / HYDRONIC 5													
Truck Kit	20 2812 15 20 50	•	•	•		•	•	d	•	•	•		•
INCLUDES:	7-Day Timer5 Thermostat 12 volt												
Truck Kit	20 2812 15 20 56	•	•	•		•	•	d	•	•	•		•
INCLUDES:	7-Day Timer with Bracket Mini Controller												
Truck Kit with External Fuel Pump	20 2812 15 20 58	•	•	•		•	•	d	•	•	•		•
INCLUDES:	7-Day Timer with Bracket Mini Controller												
Boxed Truck Kit	20 2812 15 20 51	•	•	•		•	•	d	•	•	•	•	•
INCLUDES:	7-Day Timer with Bracket Thermostat 12 volt												
Boxed Truck Kit	20 2812 15 20 57	•	•	•		•	•	d	•	•	•	•	•
INCLUDES:	7-Day Timer with Bracket Mini Controller												

NOTE: If mounting the HYDRONIC 5 on the cross frame the "L" Bracket is required, part number 20 2900 40 01 03

d = double fuel pickup pipe

Refer to the Accessories Section for ducting components and additional accessories.

For the addition of engine preheat, refer to the Combo Truck Kits Section.

AIRTRONIC 4 / HYDRONIC 4 / 5

Combo Kits Diesel 12 volt only

Scope of Delivery

Description	Part Number	Heater	Harness	Fuel System	Coolant Hose	Mounting Bracket	Control Options / Timers	Fuel Pickup Pipe	Hardware Kit	Exhaust Pipe	Intake Pipe	Boxed	Manuals
AIRTRONIC 4 / HYDRONIC 4													
Truck Kit	20 2812 15 40 40	•	•	•		•	•	d	•	•	•		•
INCLUDES:	7-Day Timer with Bracket Mini Controller												
Boxed Truck Kit	20 2812 15 40 41	•	•	•		•	•	d	•	•	•	•	•
INCLUDES:	7-Day Timer with Bracket Mini Controller												
AIRTRONIC 4 / HYDRONIC 5													
Truck Kit	20 2812 15 40 50	•	•	•		•	•	d	•	•	•		•
INCLUDES:	7-Day Timer with Bracket Mini Controller												
Boxed Truck Kit	20 2812 15 40 51	•	•	•		•	•	d	•	•	•	•	•
INCLUDES:	7-Day Timer with Bracket Mini Controller												

NOTE: If mounting the HYDRONIC 5 on the cross frame the "L" Bracket is required, part number 20 2900 40 01 03

d = double fuel pickup pipe

Refer to the Accessories Section for ducting components and additional accessories.

For the addition of engine preheat, refer to the Combo Truck Kits Section.



NOTES:

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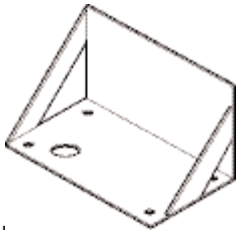
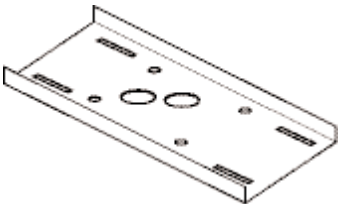
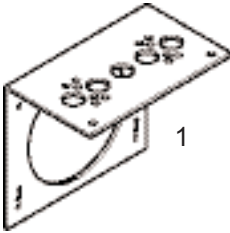
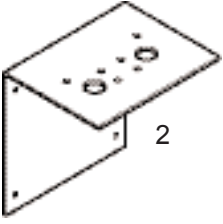
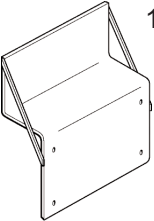
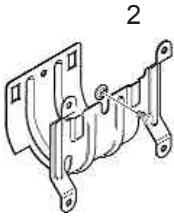
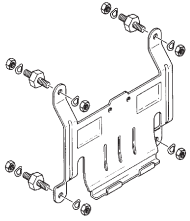
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Accessories Parts Guide

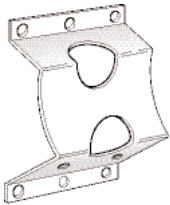
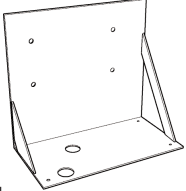
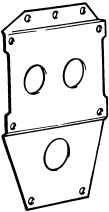
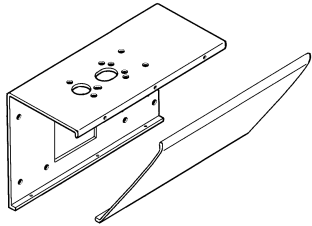
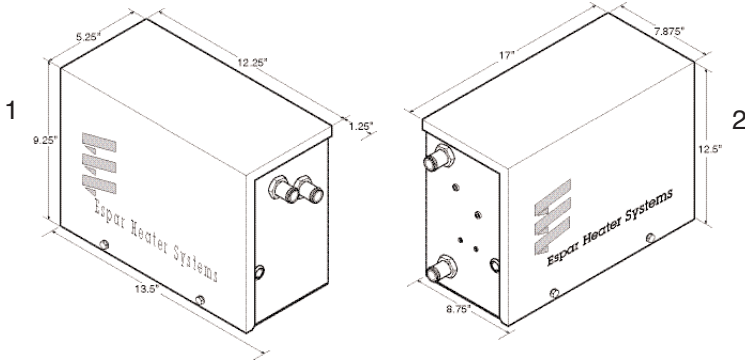
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Mounting Parts

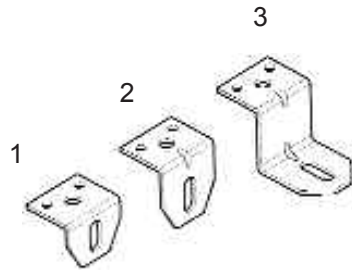
	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
 <p>Mounting Plate with Seal</p>	5540001	•	•	•	•						
 <p>Side Frame Mounting Tray for Boxed Heaters</p>	20 2900 40 00 57							•			
 <p>Cross Frame Mounting Tray for Boxed Heaters</p>	20 2900 40 00 22							•			
  <p>Angle Mounting Bracket Mounting Bracket</p>	20 2900 40 00 23 5540016	•	•	•	•					1 2	
   <p>Inside Frame Mounting Bracket Saddle Bracket Mounting Bracket (model 25 2217 / 2218 / 2219 / 2257)</p>	20 2900 40 00 85 25 1864 80 00 01 25 2220 80 00 01							• • •		1 2 3	

Mounting Parts

	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
 <p>Mounting Bracket for Coolant Pump D24W/D5W (Old style heaters)</p>	25 1371 25 00 01									•	
 <p>"L" Bracket for HYDRONIC 5 Box only (used with Cross Frame Mounting Bracket 20 2900 40 00 22)</p>	20 2900 40 01 03							•			
 <p>Mounting Bracket</p>	25 1816 80 00 01								•		
 <p>Cargo Bracket Cargo Bracket Support</p>	20 2900 40 00 34 20 2900 40 00 35			•	•						1 2
 <p>Box Base with shock mounts Box Lid</p>	20 2900 40 90 01 20 2900 40 00 70									•	2 2
Hydronic 5 Box Base *	25 2800 40 05 02							•			1
Hydronic 5 Box Lid *	25 2800 40 05 01							•			1
*Also requires:											
Silicone Seal - Exhaust	25 1216 88 03 01							•			
Grommet Harness	20 2900 60 10 61							•			
Grommet Fuel	20 1280 09 01 03							•			

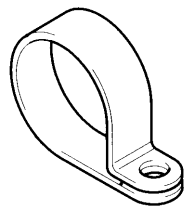
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Mounting Parts



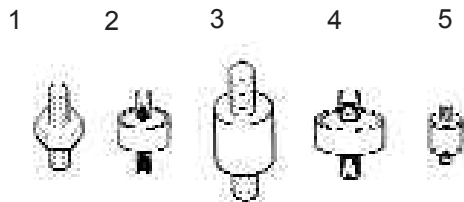
Metal Angle Bracket for Fuel Metering Pump

Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
20 1348 03 00 02	•	•	•	•	•	•	•	•	•	1
20 1348 03 00 04	•	•	•	•	•	•	•	•	•	2
20 1533 88 00 07	•	•	•	•	•	•	•	•	•	3



- "C" Clamp 10mm
- "C" Clamp 25mm (for 22mm Exhaust/Air Intake)
- "C" Clamp 28mm (for 24mm Exhaust)
- "C" Clamp 34mm (for 30mm Exhaust)
- "C" Clamp 41mm (for large Fuel Metering Pumps)
- "C" Clamp 50mm

152 00 139	•	•	•	•	•	•	•	•	•	
152 10 048	•	•	•	•	•	•	•	•	•	
152 10 051	•	•	•	•	•	•	•	•	•	
152 10 043	•	•	•	•	•	•	•	•	•	
152 10 040	•	•	•	•	•	•	•	•	•	
152 10 047			•	•						



Metal / Rubber Shock Mounts

- 8mm H, Hex Body
- 15mm H, Round Body, M8
- 1inch H, Round Body, 5/16 x 18 NC
- 20mm H, Round Body, M8
- 25mm H, Round Body, M6

20 1185 00 00 01	•	•	•	•	•	•	•	•	•	1
330 00 036	•	•	•	•	•	•	•	•	•	2
5540003							•			3
26 9008 07 00 20	•	•	•	•	•	•	•	•	•	4
20 1609 05 00 04						•				5

Bulk Wiring



Part Number








Bulk Wiring

Rolls are available (984 feet/roll)

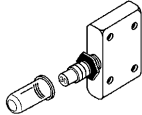
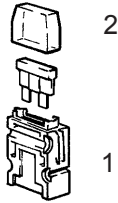
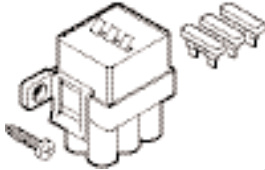
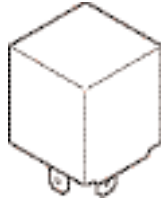
		AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II	
8ga - 2 Core Red, Brown	20 2900 70 59 02	•	•	•	•	•	•	•	•	•	•	per ft.
10ga - 1 Core Red	5670136	•	•	•	•	•	•	•	•	•	•	per ft.
10ga - 1 Core Brown	20 2900 70 59 07	•	•	•	•	•	•	•	•	•	•	per ft.
10ga - 2 Core Red, Brown	20 2900 70 59 03	•	•	•	•	•	•	•	•	•	•	per ft.
12ga - 2 Core Red, Brown	20 2900 70 59 23	•	•	•	•	•	•	•	•	•	•	per ft.
14ga - 2 Core Red, Brown	20 2900 70 59 05	•	•	•	•	•	•	•	•	•	•	per ft.
16ga - 2 Core Green, Brown	20 2900 70 09 15	•	•	•	•	•	•	•	•	•	•	per ft.
18ga - 2 Core Green, Brown	20 2900 50 59 01	•	•	•	•	•	•	•	•	•	•	per ft.
18ga - 3 Core Red, Brown, Yellow	20 2900 70 09 17	•	•	•	•	•	•	•	•	•	•	per ft.
18ga - 4 Core Red, Brown, Yellow, Blue	20 2900 70 09 13	•	•	•	•	•	•	•	•	•	•	per ft.
18ga - 6 Core Red, Brown, Yellow, Blue, Grey, Black	20 2900 70 90 09	•	•	•	•	•	•	•	•	•	•	per ft.
18ga - 7 Core Red, Brown, Yellow, Blue, Grey, Brown w/white stripe, Grey w/red stripe	20 2900 70 09 14	•	•	•	•	•	•	•	•	•	•	per ft.

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Fuse Holders, Fuses, Breakers


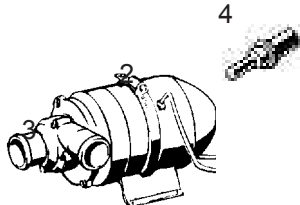
		Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
Holder for Ceramic Fuse with 16 AMP Fuse		204 00 099	•	•	•	•	•	•	•	•	•	
Ceramic 25 AMP Fuse		204 21 009	•	•	•	•	•	•	•	•	•	
Water-proof Fuse Holder Cover		2199984	•	•	•	•	•	•	•	•	•	
Bussman BAF 30 AMP Fuse		5670050	•	•	•	•	•	•	•	•	•	1
Fuse T6 3 AMP for Thermostat		460 26 001							•	•		2
Packard ATC Fuse Holder with Terminals		5670051	•	•	•	•	•	•	•	•	•	
Base, Fuse Holder 12033769		20 2900 70 70 17	•	•	•	•	•	•	•	•	•	
Cover, Fuse Holder 12033731		20 2900 60 70 09	•	•	•	•	•	•	•	•	•	
Terminal 12033997L		5670199	•	•	•	•	•	•	•	•	•	
ATC 3 AMP Fuse		5670057	•	•	•	•	•	•	•	•	•	
ATC 5 AMP Fuse		204 00 079	•	•	•	•	•	•	•	•	•	
ATC 10 AMP Fuse		5670056	•	•	•	•	•	•	•	•	•	
ATC 15 AMP Fuse		5670053	•	•	•	•	•	•	•	•	•	
ATC 20 AMP Fuse		5670055	•	•	•	•	•	•	•	•	•	
ATC 25 AMP Fuse		204 00 089	•	•	•	•	•	•	•	•	•	
ATC 30 AMP Fuse		5670054	•	•	•	•	•	•	•	•	•	

Fuse Holders, Fuses, Breakers

		Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
Breaker 30 Amp (D7WB) Breaker 25 Amp (D5WB-oldstyle)		5670059 5670046	•	•	•	•	•	•	•	•	•	
Fuse Holder Base Fuse Holder Cover		204 31 004 204 31 005	•	•	•	•	•	•	•	•	•	1 2
Fuse Holder Kit 5A, 15A, 25A	 INCLUDES: Fuses and Terminals	2 1000 31 06 00	•	•	•	•	•	•	•	•	•	
Relay 12 volt (D3L/D12W) Relay 24 volt (D1L/D3L/V7S/D12W)		203 00 065 203 00 066						•	•			

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Terminals and Connectors

		Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
10ga - 12ga Female, Tabs	1	5670174	•	•	•	•	•	•	•	•	•	4
14ga - 18ga Female, Tabs	2	5670173	•	•	•	•	•	•	•	•	•	4
Terminal Fuse Holder	3	206 73 058	•	•	•	•	•	•	•	•	•	5
Flat Terminal		206 73 016	•	•	•	•	•	•	•	•	•	1
Mini Terminal, AWG 16-20		206 73 052	•	•	•	•	•	•	•	•	•	6
Flat Terminal		5670186	•	•	•	•	•	•	•	•	•	4
10ga - 12ga Female, No Tabs	4	5670171	•	•	•	•	•	•	•	•	•	4
14ga - 18ga Female, No Tabs	5	5670172	•	•	•	•	•	•	•	•	•	4
10ga - 12ga Male	6	5670176	•	•	•	•	•	•	•	•	•	1
14ga - 18ga Male		5670175	•	•	•	•	•	•	•	•	•	1
Mini Terminal, AWG 16-20		206 36 018	•	•	•	•	•	•	•	•	•	3
Terminal with Tab, AWG 18		5670206	•	•	•	•	•	•	•	•	•	4
Terminal with Sensor		5670187	•	•	•	•	•	•	•	•	•	4
Mini Terminal, AWG 14-18		5670226	•	•	•	•	•	•	•	•	•	6
Ring Terminal (3/8") AWG 10-12		5670178	•	•	•	•	•	•	•	•	•	
Ring Terminal		5670199	•	•	•	•	•	•	•	•	•	
Socket AWG 18	2	5670567									•	1
Socket AWG 14	1	5670268									•	2
Deutsch Connector AWG 18 Pin	3	5670266									•	3
Seal Plug	4	5670325									•	4
Socket	1	5670272									•	1
Connector, Female DTHD-04-18P		5670321									•	2
Connector, Male DTHD-06-18S		5670323									•	3
Deutsch Connector Power Pin AWG 10		5670270									•	4

Terminals and Connectors

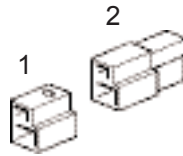
	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
Rubber Boot for Fuel Metering Pump	320 31 120	•	•	•	•	•	•	•	•	•	
Plug and Socket Connector	206 00 040	•	•	•	•	•	•	•	•	•	
Socket Housing, Male 2 Pin "T"	206 00 099	•	•	•	•	•	•	•	•	•	1
Socket Housing, Female 2 Pin "T"	206 31 004	•	•	•	•	•	•	•	•	•	2
Socket Housing, Female 4 Pin	206 31 100	•	•	•	•	•	•	•	•	•	1
Socket Housing, Female 6 Pin	206 31 106	•	•	•	•	•	•	•	•	•	2
Socket Housing, Female 8 Pin	206 31 101	•	•	•	•	•	•	•	•	•	3
Terminal, Male AWG 16-20	206 36 018	•	•	•	•	•	•	•	•	•	4
Socket Housing, Male 4 Pin	206 31 296	•	•	•	•	•	•	•	•	•	1
Socket Housing, Male 6 Pin	206 31 297	•	•	•	•	•	•	•	•	•	2
Socket Housing, Male 8 Pin	206 31 298	•	•	•	•	•	•	•	•	•	3
Terminal, Female AWG 16-20	206 73 052	•	•	•	•	•	•	•	•	•	4

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Terminals and Connectors

Part Number

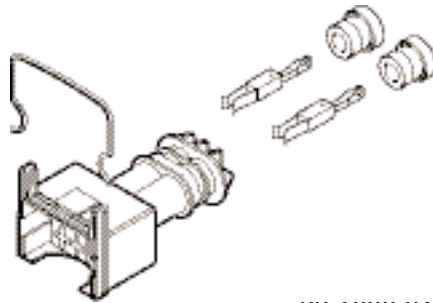
- Socket Housing, Female 2 Pin for Sensor
- Socket Housing, Male 2 Pin for Sensor
- Socket Housing, 2 Pin with Spring (FMP Connection)
- Mini Terminal, Female AWG 16-20
- Socket Housing M Stribel Control
- Plug for 206 31 319 Stribel



- 206 31 018
- 206 31 306
- 206 31 290
- 206 00 180
- 206 31 319
- 206 75 042

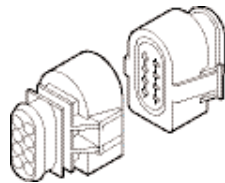
AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II

- Fuel Metering Pump Housing Kit
- INCLUDES: terminals and seals.



22 1000 31 87 00

- Hydronic 4/5 Main harness connector Kit

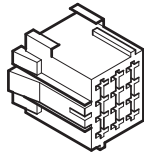


22 1000 30 10 21

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Terminals and Connectors

7 day timer 12 pin connector housing



Mini terminal, female AwG 16-20



Hydronic M square connector housing



Part Number

206 31 293

206 00 180

22 1000 31 93 00

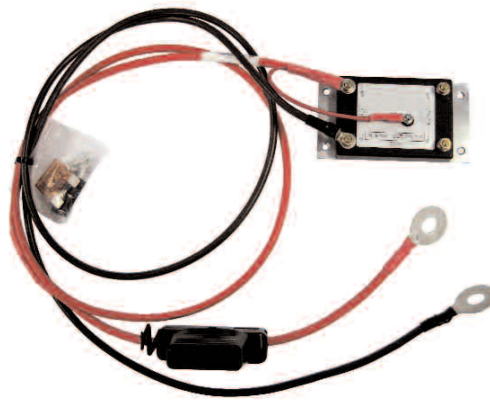
AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•
							•		•

Power Converters 12V to 24V



12V to 24V Power Converter Asmby 3401
12V to 24V Power Harness for 5673401
Power Converter 12 - 24 288W

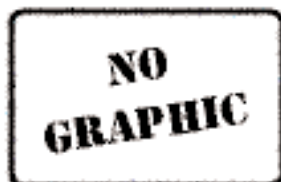
25 2800 90 12 23
25 2800 70 16 01
5673401



12V to 24V Power Converter Asmby 3
12V to 24V Power Harness for 5673601
Power Converter 12 - 24 488W

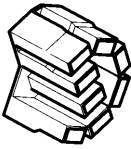
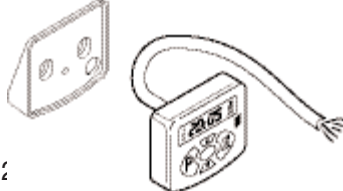

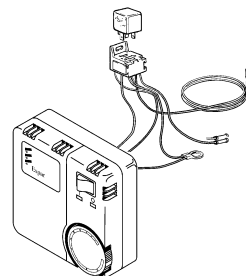
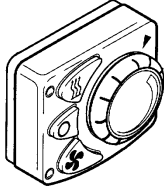

25 2800 90 1224
25 2800 70 16 00
5673601

40 AMP Fuse
Heat sink



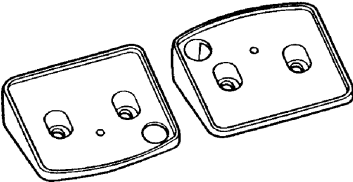

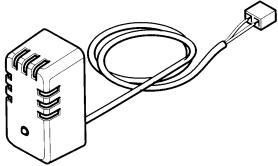
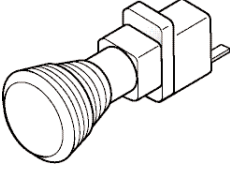
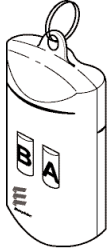

5670024
20 2900 40 00 04

Control Options and Timers

	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
 Rheostat Switch 12 volt Rheostat Switch 24 volt Thermostat Switch Harness (4.6M or 15 feet) Universal Switch for D1L	25 1895 71 00 00 25 1896 71 00 00 20 2900 70 01 11	•	•	•	•	•	•				
 Mini Timer (Green Display) 12 and 24 volt Mini Timer (Blue Display) 12 and 24 volt	2 1000 31 60 00 22 1000 32 18 00							•	•	•	•
 Thermostat 12 volt Thermostat 24 volt Thermostat Harness (4.6M or 15 feet) Knob	5670097 5670096 20 2900 70 01 09 2199981	•	•	•	•	•	•				
 Thermostat Bunk Relay Kit 12 volt Thermostat only (On/Off)	20 2900 70 00 97 2199982	•	•	•	•	•	•	•	•	•	•
 Mini Controller 12 and 24 volt Mini Controller Knob	22 1000 32 07 00 5699849	•	•			•					
 Digi Controller	20 2800 70 1000	•	•			•					

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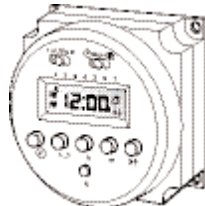
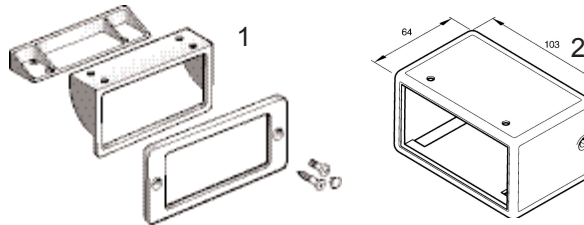
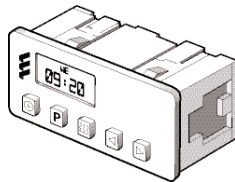
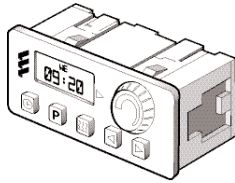
Control Options and Timers

		Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
	Console for Mini Controller 12 and 24 volt	22 1000 50 08 00	•	•								
	CommandCall Remote Control	25 2800 70 00 10							•	•	•	•
	Remote Sensor	25 1774 89 03 00	•	•	•	•		•				
	Extension Harness for D1LC (1830) and D3LC	25 1482 89 40 00					•					
	Push / Pull Switch 12 volt	5670007	•	•	•	•	•	•	•	•	•	•
	Push / Pull Switch 24 volt	5670008	•	•	•	•	•	•	•	•	•	•
	Replacement Bulb 12 volt	207 00 005										
	Replacement Bulb 24 volt	207 00 006										
	Remote Starter Kit 12 volt (used with 7-Day Timer)	20 2900 70 01 50	•	•	•	•	•	•	•	•	•	•
	Remote Starter Kit 12 volt (used with Push/Pull Switch, Thermostat, mini-timer and Rheostat)	20 2900 70 01 56	•	•	•	•	•	•	•	•	•	•
	10-120 Minute Timer with LVD	25 2800 70 10 10	•	•	•	•	•	•	•	•		•

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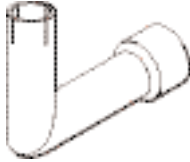
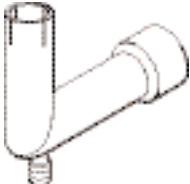



Control Options and Timers

		Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II	
AIR HEATERS													
7-Day Timer with Diagnostics 12 and 24 volt			22 1000 30 40 00	•	•	•	•	•	•				
7-Day Timer Kit			20 2900 70 02 35	•	•	•	•	•					
COOLANT HEATERS													
7-Day Timer with Diagnostics 12 and 24 volt			22 1000 30 36 00						•	•	•	•	
7-Day Timer Kit			20 2900 70 02 30						•	•	•	•	
7-DAY TIMER ACCESSORIES													
Complete Bracket Kit with Cosmetic Bezel and Bracket			25 1482 70 01 00	•	•	•	•	•	•	•	•	•	1
Housing for 7-Day Timer			25 1482 89 00 15	•	•	•	•	•	•	•	•	•	2
Replacement Bulbs 12 volt (5/bag)			22 1000 30 88 00										
Replacement Bulbs 24 volt (5/bag)			22 1000 30 89 00										
Programmable Timer													
	12 V	5670433							•	•	•	•	
	24 V	5670434							•	•	•	•	




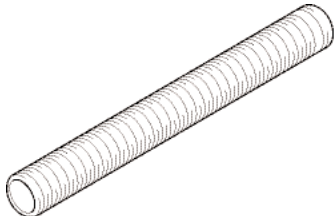





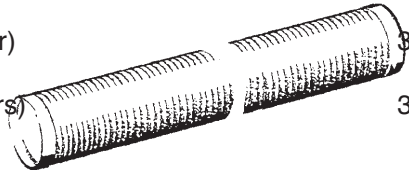
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Exhaust

		Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
Elbow (with 30mm flex exhaust)		1226 89 55 00	•	•	•	•	•		•			
<p>NOTE: Exhaust drain, part number 25 8547 16 02 00 is NOT included with Elbow / Drain. MUST BE ORDERED SEPARATELY.</p>												
Elbow / Drain (with 30mm flex exhaust) di=30mm		22 1050 89 39 00	•	•	•	•	•					
Elbow / Drain (with 24mm flex exhaust) di=24mm		25 1226 89 45 00	•	•	•	•	•					
<p>NOTE: Does NOT include exhaust drain MUST BE ORDERED SEPARATELY.</p>												
90° Exhaust Pipe, di=42mm, da=40mm or 42mm		25 1226 89 46 00							•			
Exhaust Drain (M10x1)		25 8547 16 02 00	•	•	•	•	•	•	•	•	•	•
Exhaust Elbow (with exhaust)		22 1000 40 03 00									•	

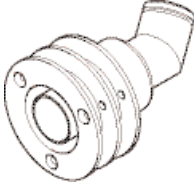

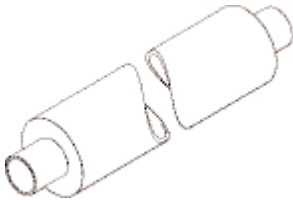

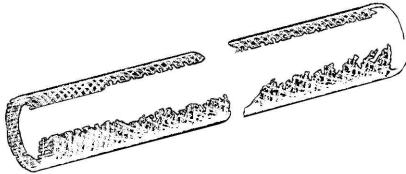
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Exhaust

	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II	
 Straight Exhaust Fitting (24-30mm) Straight Exhaust Fitting (30-28mm) Straight Exhaust Fitting (30-26mm)	25 1520 80 01 01	•	•	•	•	•		•				
	25 1226 89 00 28								•		•	
	25 1226 89 00 29								•		•	
 Flexible Stainless Steel Exhaust 24mm (1.3 mtr)	360 61 557	•	•	•	•	•		•				each
 Exhaust Flex Hose 24mm x 1.3M with end cap Exhaust Flex Hose 30mm x 1.3M with end cap	25 1774 80 02 00	•	•	•	•	•		•				
	25 1816 80 08 00								•		•	
 Flexible Stainless Steel Exhaust 40mm (when elbow is used)	5530012							•				per mtr
 Flexible Stainless Steel Exhaust 42mm (direct connect)	5530013							•				per mtr
 Exhaust Flex Hose 24mm (one layer) Exhaust Flex Hose 24mm (two layer)	360 61 550	•	•	•	•	•		•				per mtr
	360 61 299	•	•	•	•	•		•				per mtr
 Exhaust Flex Hose 30mm (one layer)	360 61 580								•		•	per mtr
 Exhaust Flex Hose 30mm (two layers)	360 61 300	•	•	•	•	•		•		•	•	per mtr





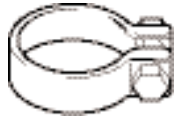

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Exhaust

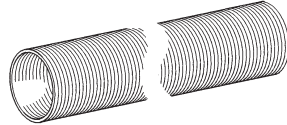
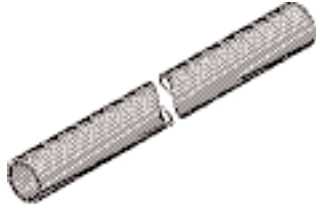
			AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
Thru Wall Fitting for 30mm Thru Wall Fitting for 40 / 42mm		22 1050 89 43 00	•	•	•	•	•		•	•		•
		22 1050 89 44 00						•				
Exhaust Muffler for 24mm (Slimmer-New) Exhaust Muffler for 24mm (Wider-Old)		22 1000 40 09 00	•	•	•	•	•		•			
		25 1864 81 01 00	•	•	•	•	•		•			
Exhaust Muffler 30mm Exhaust Muffler 40mm		25 1226 89 58 00	•	•	•	•	•					
		25 1570 89 01 00						•				
Exhaust Muffler 30mm		25 1806 80 01 00								•		•
Exhaust Insulation Sock 1" for 22mm-24mm ID Exhaust Exhaust Insulation Sock 2" for 24mm-42mm ID Exhaust Exhaust Insulation Sock 3" for 70mm ID Exhaust		5530001 5530002 5530003	• • •	• • •	• • •	• • •	• • •	• • •	• • •			
										•		
												per ft.
												per ft.
												per ft.

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Exhaust

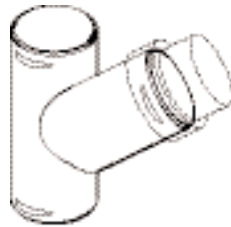
		Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
Exhaust End Cap for 24mm		25 1482 80 00 01	•	•	•	•	•		•			
Plastic Air Intake End Cap with Crossbar 20mm		25 1688 80 12 01			•				•			
Exhaust End Cap with Crossbar 24mm		25 1729 80 06 00	•	•	•	•	•		•			
Plastic Air Intake End Cap with Crossbar 25mm		25 1729 89 00 02	•	•		•	•					
Exhaust End Cap with Crossbar 30mm		25 1785 80 02 00								•		•
Exhaust End Cap with Crossbar 46mm		22 1000 40 02 00						•				
Exhaust Clamp for 70mm		5530004										•
Exhaust Connection with Drain		25 1226 89 59 00							•	•		•
Clamp for Exhaust Pipe 26mm		152 61 102			•	•	•		•			
Clamp for Exhaust Pipe 27mm-30mm		152 10 060								•		•
Clamp for Exhaust Pipe 30mm-33mm		152 10 061								•		•
Clamp for Exhaust Pipe 32mm-50mm		10 2064 03 20 50						•				

Ducting



Part Number

	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II	
Flexible Hose (50mm or 2.0")	5550006	•	•	•	•	•	•					per ft.
Flexible Hose (75mm or 3.0")	5550007	•	•	•	•	•	•					per ft.
Flexible Hose (100mm or 4.0")	5550008	•	•	•	•	•	•					per ft.
Flexible Air Hose (aluminum, paper, plastic) (50mm or 2.0")	10 2114 29 00 00	•	•	•	•	•	•					per mtr.
Flexible Air Hose (aluminum, paper, plastic) (60mm or 2.4")	10 2114 31 00 00	•	•	•	•	•	•					per mtr.
Flexible Air Hose (aluminum, paper, plastic) (75mm or 3.0")	10 2114 34 00 00	•	•	•	•	•	•					per mtr.
Flexible Air Hose (aluminum, paper, plastic) (90mm or 3.5")	10 2114 37 00 00	•	•	•	•	•	•					per mtr.

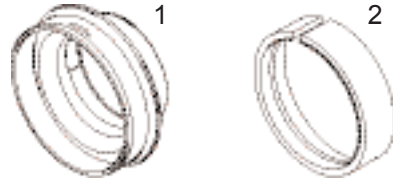


Plastic "Y" Connector (75mmx75mmx75mm or 3"x3"x3")	25 1226 89 00 44	•	•	•	•	•	•					
Plastic "Y" Connector (100mmx100mmx100mm or 4"x4"x4")	25 1226 89 00 45	•	•	•	•	•	•					
Plastic "Y" Connector (60mmx50mmx50mm or 2.4"x2"x2")	25 1688 89 00 03			•								
Plastic "Y" Connector (60mmx60mmx60mm or 2.4"x2.4"x2.4")	25 1774 89 00 05	•		•								
Plastic "Y" Connector (90mmx90mmx90mm or 3.5"x3.5"x3.5")	22 1000 01 00 21											



Plastic Reducer for "Y" or Ducting Union (75-50mm or 3"-2")	25 1226 89 00 46	•	•	•	•	•	•					
Plastic Reducer for "Y" or Ducting Union (100-75mm or 4"-3")	25 1226 89 00 47	•	•	•	•	•	•					
Plastic Reducer for "Y" or Ducting Union (100-50mm or 4"-2")	25 1226 89 00 48	•	•	•	•	•	•					
Plastic Reducer for "Y" or Ducting Union (75-60mm or 3"-2.4")	25 1226 89 00 50	•	•	•	•	•	•					

Ducting



Part Number

Hood Adapter (60-75mm or 2.4"-3")
 Hood Adapter (90-100mm or 3.5"-4") black plastic
 Hood Adapter (100mm or 4")

25 1688 89 00 10
 20 1607 80 00 01
 20 2900 50 20 02

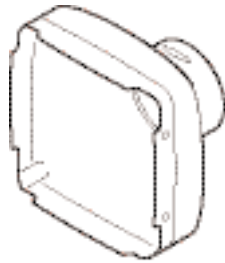
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•		•							1
	•		•	•					2
	•		•	•					2



Ducting Union (60-60mm)
 Ducting Union (75-75mm)
 Ducting Union (90-90mm)
 Ducting Union (100-100mm)

22 1000 01 00 05
 22 1000 01 00 06
 22 1000 01 00 24
 22 1000 01 00 07

•	•	•	•	•	•				
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•	•	•	•	•	•				
•	•	•	•	•	•				



Straight Air Outlet Hood (60mm)
 Straight Air Outlet Hood (75mm)
 Straight Air Outlet Hood (75mm)
 Straight Air Outlet Hood (90mm)
 Straight Air Outlet Hood (60mm)
 Straight Air Outlet Hood (75mm)
 Straight Air Outlet Hood (75mm)
 Straight Air Outlet Hood (90mm)
 Complete Rear Air Outlet Hood (90mm)

22 1000 01 00 16
 22 1000 01 00 17
 22 1000 01 00 18
 22 1000 01 00 19
 25 1688 80 03 00
 25 1688 89 02 00
 25 1822 80 01 00
 25 1822 89 01 00
 25 1729 01 09 00

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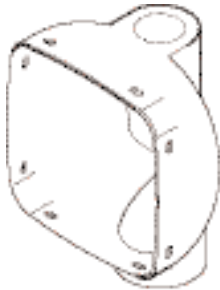
Ducting

90° Bend di=60mm, da=60mm
 90° Bend di=75mm, da=75mm



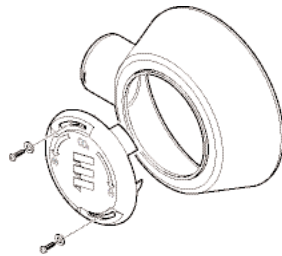
Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
25 1688 89 00 01	•		•							
25 1482 89 00 05		•		•						

90° Air Outlet Hood 60mm Outlet
 90° Air Outlet Hood 75mm Outlet
 90° Air Outlet Hood 90mm Outlet
 90° Air Outlet Hood 60mm Outlet
 90° Air Outlet Hood 75mm Outlet
 90° Air Outlet Hood 90mm Outlet
 90° Air Outlet Hood 90mm Outlet



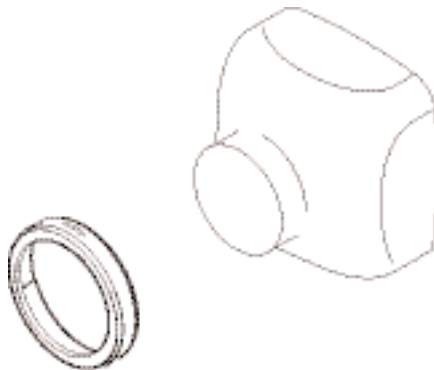
22 1000 01 00 20	•									
22 1000 01 00 22		•								
22 1000 01 00 23		•								
25 1688 89 01 01			•							
22 1000 01 00 02				•						
22 1000 01 00 03				•						
25 1729 89 10 00					•					

Air Intake Hood (60mm or 2.4")




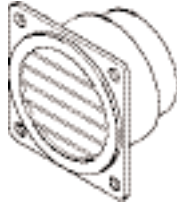


22 1000 40 06 00									•	
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Adapter Ring di=60mm, da=75mm
 Adapter Ring di=75mm, da=90mm
 Adapter Ring di=90mm, da=100mm







20 08	•		•							
20 01	•	•	•	•						
20 1607 80 00 01		•		•	•					

Ducting

	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
 Deflector (60mm or 2.4")	20 1577 89 06 00	•	•	•	•	•					
Deflector (50mm or 2")	20 1575 80 08 00	•	•	•	•	•	•				
 Adjustable Grille (75-100mm or 3-4")	22 1050 89 21 00	•	•	•	•	•	•	•	•	•	•
Adjustable Grille (90-100mm or 3.5-4")	20 1609 80 09 00		•		•	•					
 Hose Flange for Outlet Grille for Duct Size 50mm (2")	20 1575 80 08 01	•	•	•	•	•	•				
Hose Flange for Outlet Grille for Duct Size 60mm (2.4")	20 1577 89 06 01	•	•	•	•	•	•				
Hose Flange for Outlet Grille for Duct Size 75mm (3")	25 1226 89 00 12	•	•	•	•	•	•				
Hose Flange for Outlet Grille for Duct Size 90mm (3.5")	20 1297 00 00 01	•	•	•	•	•	•				
Hose Flange for Outlet Grille for Duct Size 100mm (4")	25 1226 89 00 40	•	•	•	•	•	•				
 Black Open Screen (60mm or 2.4")	22 1000 01 00 01	•	•	•	•	•					
Black Open Screen (90mm or 3.5")	20 1465 89 05 00	•	•	•	•	•					
Black Open Screen (140mm or 5.25")	25 1729 89 00 05	•	•	•	•	•					
Nickel Plated Open Screen (140mm or 5.25")	25 1226 89 05 00	•	•	•	•	•					

Ducting

	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
											
French Closeable Outlet with Flange (50mm or 2" Ducting)	2199985	•	•	•	•	•	•				
French Closeable Outlet with Flange (75mm or 3" Ducting)	330 31 311	•	•	•	•	•	•				
French Closeable Outlet with Flange (100mm or 4" Ducting)	2199986	•	•	•	•	•	•				
											
Air Inlet Safety Screen (60mm or 2.4")	25 1688 80 06 00	•		•							
Air Inlet Safety Screen (75mm or 3")	25 1552 05 01 00	•	•		•						
Air Inlet Safety Screen (90mm or 3.5")	25 1729 80 00 01		•		•	•					
Air Inlet Safety Screen (100mm or 4")	25 1226 89 44 00						•				
											
Stainless Steel Hose Clamp 33-57mm (50mm or 2" Ducting)	5550001	•	•	•	•	•	•				
Stainless Steel Hose Clamp 46-70mm (60mm or 2.4" Ducting)	5550004			•	•	•	•				
Stainless Steel Hose Clamp 59-83mm (75mm or 3" Ducting)	5550002	•	•	•	•	•	•				
Stainless Steel Hose Clamp 84-108mm (100mm or 4" Ducting)	5550003			•	•	•	•				
											
Ducting Clamp 70-90mm (pump 25 1578 25)	10 2065 07 00 90									•	
Ducting Clamp 90-110mm (pump 25 1371 89 34 00)	10 2065 09 01 10									•	
Ducting Clamp 32-50mm	10 2064 03 20 50	•	•	•	•	•	•	•	•	•	•
Ducting Clamp 33-57mm	5550001	•	•	•	•	•	•	•	•	•	•

Ducting

	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
Air Intake Silencer (75mm or 3") Air Intake Silencer (100mm or 4")	25 1226 89 15 00 25 1226 89 56 00	•	•	•	•	•	•				
Combustion Air Intake Flex Hose 30mm ID End Cap	10 2114 25 00 00 25 1480 89 04 00							•			per mtr
Defrosting Nozzle 50mm ID	25 1226 89 21 00	•	•	•	•	•	•				
Plastic "T" Piece 60mmx60mmx60mm or 2.4"x2.4"x2.4" Metal "T" Piece 75mmx75mmx75mm or 3"x3"x3"	25 1688 89 00 02 25 1482 89 07 00	•	•	•	•	•	•				
Plastic "Y" Piece D=60mm, d=50mm Metal "Y" Piece D=75mm, d=50mm	25 1688 89 00 03 25 1482 80 08 00	•	•	•	•	•	•				

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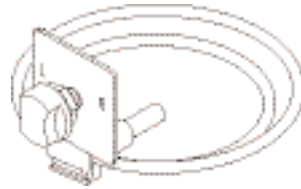
Ducting

Plastic Reducer di=60mm, D=75mm
 Plastic Reducer di=75mm, D=100mm
 Plastic Reducer di=75mm, D=50mm
 Plastic Reducer di=75mm, D=60mm
 Plastic Reducer di=100mm, D=50mm



Part Number
 25 1688 89 00 10
 25 1226 89 00 47
 25 1226 89 00 46
 25 1226 89 00 50
 25 1226 89 00 48

Operating Cable for 330 00 174
REQUIRES air regulating valve



22 1000 01 03 00

Air Regulating Valve 60mm
 Air Regulating Valve 90mm
REQUIRES operating cable



330 00 174
 330 00 175

AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
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Plumbing



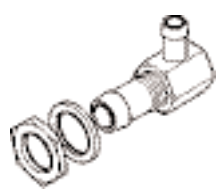
Brass Pump Fittings 3/4" NPT x 3/4" Barb
 Brass Pump Fitting 3/4" NPT x 1" Barb

20 2900 60 10 02
 20 2900 60 10 15



Bulk Head Fitting 3/4"
 Bulk Head Fitting 3/4" to 1"

20 2900 60 10 11
 20 2900 60 10 57



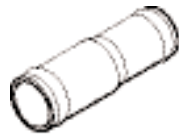
Bulk Head Fitting 3/4" x 90°

20 2900 60 10 37

Part Number

AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
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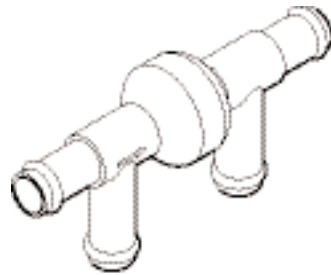
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Brass Reducer D= 18mm, d= 15mm
 Brass Reducer D= 20mm, d= 18mm
 Brass Reducer D= 22mm, d= 18mm
 Brass Reducer D= 22mm, d= 20mm

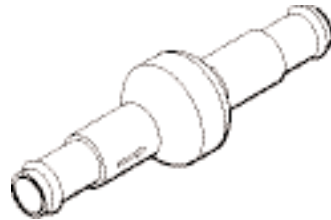
20 1645 80 02 01
 20 1645 89 00 06
 20 1645 89 00 05
 25 1214 89 00 04

Part Number



One Way Check Valve D= 18mm, d= 18mm
 One Way Check Valve D= 20mm, d= 18mm
 One Way Check Valve D= 20mm, d= 20mm

254 00 070
 254 00 073
 254 00 074



One Way Check Valve 20mm

254 00 072



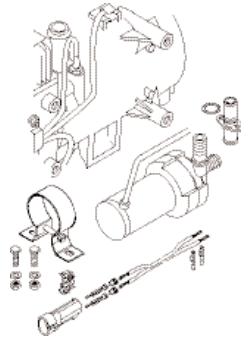
Brass Water Thermostat D= 18mm, d= 18mm (70°C-75°C) 158°F-167°F
 Brass Water Thermostat D= 20mm, d= 20mm (70°C-75°C) 158°F-167°F
 Brass Water Thermostat D= 20mm, d= 20mm (45°C-65°C) 113°F-140°F

330 00 123
 330 00 124
 330 00 158

AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
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						•	•		•
						•	•		•

Plumbing

Conversion Kit for Water Pump



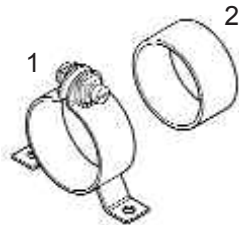
22 1000 10 01 00

Clamp 16-25mm ID
Clamp 20-32mm ID



10 2064 01 60 25
10 2065 02 00 32

Pump Clamp 48mm
Rubber Ring for Large FMP




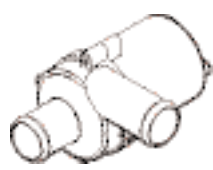
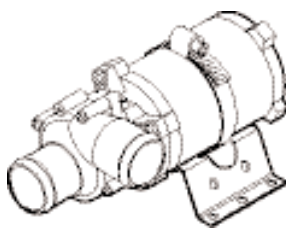

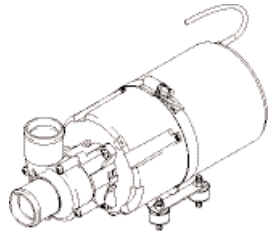
22 1000 50 10 00
20 1449 00 10 01

Part Number

AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
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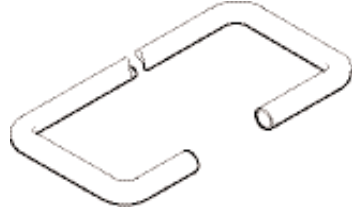
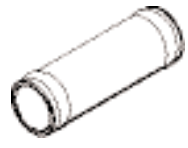

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Plumbing

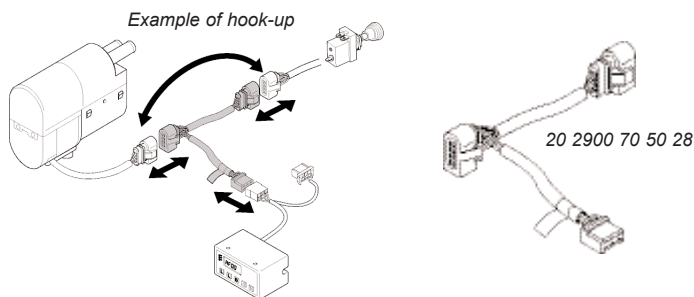
	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
 Coolant Pump (700 L/hr) 12 volt Coolant Pump (700 L/hr) 24 volt	25 1815 25 01 00								•		
	25 1816 25 01 00								•		
 Coolant Pump (800 L/hr) 12 volt Coolant Pump (900 L/hr) 24 volt	330 00 012							•			
	25 2009 25 00 00							•			
 Flowtronic Coolant Pump (5000 L/hr) 24 volt	25 1818 29 00 00									•	
 High Capacity Pump 12 volt (2280 L/hr) High Capacity Pump 24 volt (2280 L/hr)	20 2900 60 01 39								•		•
	20 2900 70 01 40								•		•
 Flowtronic Coolant Pump 24 volt (6000 L/hr)	25 1818 27 00 00									•	

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Plumbing

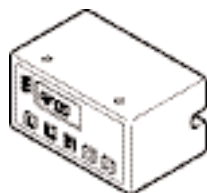
	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
 90° Hose Bend 20mm x 0.29 mtr 90° Hose Bend 1.5" ID	20 2900 60 10 23 5560001								•		
 180° Coolant Hose 18mm, L = 2000mm 180° Coolant Hose 20mm, L = 2000mm	20 1690 81 00 01 25 1917 80 00 01							•	•		•
 Brass Hose Connector d= 15mm Brass Hose Connector d= 18mm Brass Hose Connector d= 20mm Brass Hose Connector d= 22mm Steel Hose Connector (1:1 inch)	20 1533 88 00 03 20 1528 88 00 03 20 1534 88 00 01 20 1645 89 00 07 20 2900 60 10 22							•	•		•
 Coolant Hose 1.5" 1mt piece	20 2900 60 10 39							•			

Testers / Adapters / Special Tools

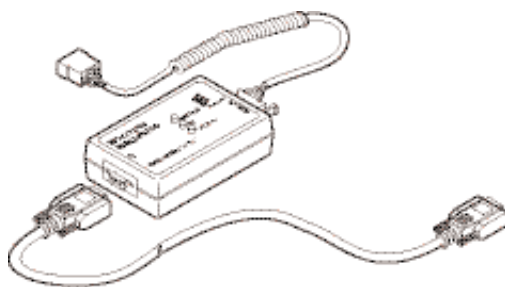


All adapters used with Diagnostic Unit and Edith

Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
Tester Adapter						•				
Tester Adapter							•			
Tester Adapter (Round)								•		
Tester Adapter (Used with Diagnostic unit)									•	
Tester Adapter (Square)								•		
Tester Adapter (can be used with EDITH) 8pin to 6pin	•	•								o
Tester Adapter used with EDITH	•	•			•					
Tester Adapter used with EDITH							•			
Tester Adapter									•	
Tester Adapter EDITH only			•	•						
Tester Adapter										•



Diagnostic Unit										
Can be used with adapter cables for ISO ___	20 2900 70 50 20	•	•	•	•	•	•	•	•	•



ISO - Adapter for computerized diagnostic (includes USB to serial adapter)	22 1541 89 00 00	•	•	•	•	•	•	•	•	•
Additional USB to Serial Adapter (For computers without serial port)	22 1543 89 00 00	•	•	•	•	•	•	•	•	•



Digi Diagnostic	20 2800 70 1002	•	•	*	*	•	•	•		
-----------------	-----------------	---	---	---	---	---	---	---	--	--

Note: The latest version of software (EDITH) must be downloaded from: <http://www.espar.com/transfers/edith>

* = Not tested
o = E-Guardian

Testers / Adapters / Special Tools

	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
 <p>Brass Glow Plug Brush</p>	5590002			•	•	•	•	•	•		•
 <p>Fuel Line Cutter</p>	5520003	•	•	•	•	•	•	•	•	•	•
 <p>Terminal Removal Tool 1.6mm</p>	206 00 205							•			1
 <p>Terminal Removal Tool 2.8mm</p>	206 00 215	•	•	•	•	•	•	•	•	•	2
 <p>Wire Crimper</p>	5670003	•	•	•	•	•	•	•	•	•	•
 <p>AIRTRONIC D2 Demo Kit 12 volt</p>	20 2820 69 02 83										

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Fuel System

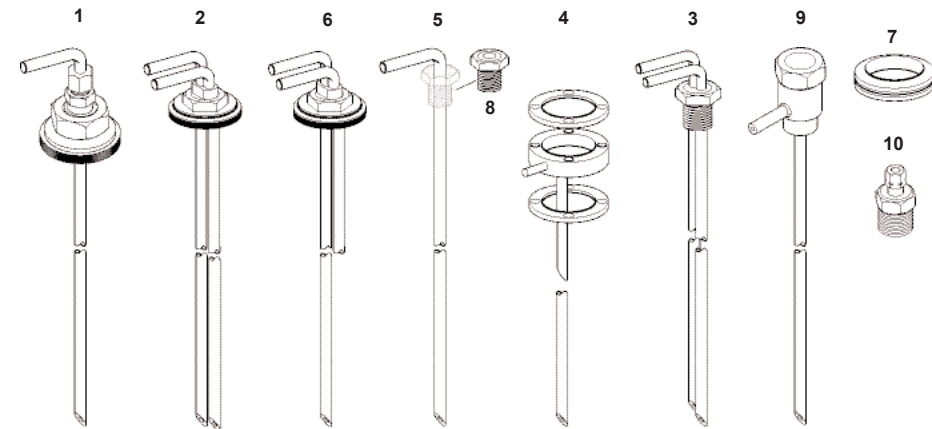
NO GRAPHIC

Black Plastic Fuel Line 2.0mm ID
 White Plastic Fuel Line 1.5mm ID
 White Plastic Fuel Line 2.0mm ID
 Black Rubber Fuel Line 3.5mm ID
 Black Rubber Fuel Line 5.0mm ID

Fuel Line Adapter 3.5mm to 5mm



Part Number



Single Pick-up Pipe 2.0mm Universal
 Single Pick-up Pipe 2.0mm (66 cm or 26")
 Double Pick-up Pipe 2.0mm (56 cm or 22")
 Double Pick-up Pipe 2.0mm (1/2" NPT)
 Single Pick-up Pipe 4.0mm (56 cm or 22")
 20 mm Ring
 Single Pick-up Pipe 4.0mm (61 cm or 24") + Ring Fitting
 Single Pick-up Pipe 4.0mm (41 cm or 16")
 Single Pick-up Pipe 4.0mm (66 cm or 26")
 Single Pick-up Pipe 4.0mm with Return
 Fuel Pick-up pipe 2mm W/FTNG 24.5 inches


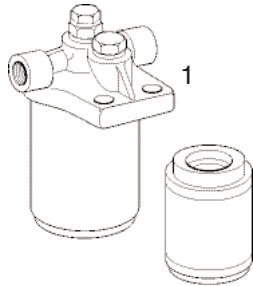
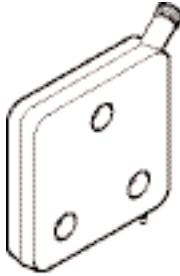

Compression Fitting 1/4" NPT
 Compression Fitting 3/8" NPT
 Compression Fitting 1/2" NPT
 Rubber Seal Ring for Fuel Pick-up Pipe
 Compression FTNG 3/4" NPT
 Compression FTNG 9/16" NPT
 Automotive Fuel Pick-up Assembly

Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
890 31 125	•	•	•	•	•	•	•	•	•	
890 31 118	•	•	•	•	•	•	•	•	•	
890 31 117	•	•	•	•	•	•	•	•	•	
360 75 300	•	•	•	•	•	•	•	•	•	
360 75 350	•	•	•	•	•	•	•	•	•	
25 1888 80 01 02							•			
20 2900 20 20 10	•	•	•	•	•		•			
20 2900 20 20 42	•	•	•	•			•			
20 2900 20 20 57	•	•	•	•			•			
20 2900 20 21 07					•					
20 2900 20 20 58						•		•		
20 2900 20 20 11										
20 2900 20 20 12								•		
5520001								•		
20 2900 20 20 53					•			•		
20 2900 20 20 59									•	
20 2900 20 20 04	•	•	•	•	•		•			
20 2900 20 20 44	•	•	•	•	•	•	•	•	•	
5520002	•	•	•	•	•	•	•	•	•	•
5520006	•	•	•	•	•	•	•	•	•	•
20 2900 20 20 26	•	•	•	•	•		•			
20 2900 20 20 82	•	•	•	•	•	•	•	•	•	
5520007	•	•	•	•	•	•	•	•	•	•
22 1000 20 11 00	•	•	•	•	•		•			


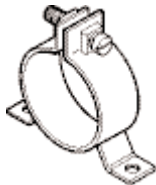
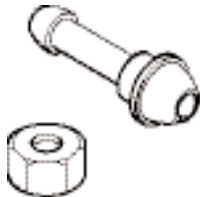


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 per mtr

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Fuel System


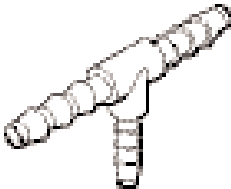

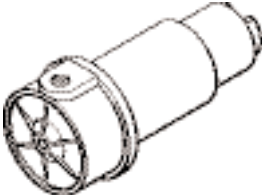
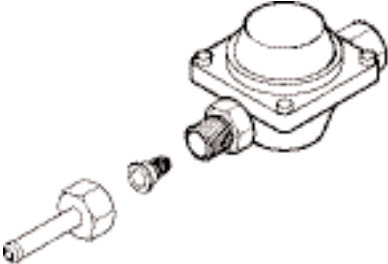
	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
 Clamp 7mm (used with 360 75 300) Clamp 9mm (used with 360 75 300) Clamp 10mm (used with 360 75 350) Clamp 11mm (used with 360 75 350) Clamp 12mm (used with 360 31 070) Clamp 14mm	10 2068 00 70 78 10 2068 00 90 98 10 2068 01 00 98 10 2068 01 10 98 10 2068 01 20 98 10 2068 01 40 98	•	•	•	•	•	•	•	•	•	•
 Fuel Filter Fuel Screen	330 00 052 20 2900 20 20 64									•	1
										•	2
 Plastic Fuel Tank (10L or 2.6 gal - Black) Plastic Cap	22 1000 20 21 00 22 1000 20 22 00	•	•	•	•	•	•	•	•	•	•
 Plastic Fuel Filter	25 1226 89 00 37	•	•	•	•	•	•	•	•	•	•
Measuring cylinders 10 mm Measuring cylinders 25 mm	552 0004 552 0005										

Fuel System

		Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
 <p>Clamp 34mm for Fuel Metering Pump FMP Holder for Noise Reduction (small pumps) FMP Holder for Noise Reduction (large pumps)</p>		152 00 144	•	•	•	•	•		•			
		22 1000 50 03 00	•	•	•	•	•		•			
		22 1000 50 07 00	•	•	•	•				•		
 <p>Fuel Metering Pump Holder</p>		25 1156 20 00 11						•		•		
 <p>Fuel Connector Nipple and Nut</p>		20 2900 20 20 71									•	
 <p>Plastic Fuel Filter (installed in front of fuel metering pump)</p>		25 1156 20 00 09	•	•	•	•	•	•	•	•	•	•
 <p>FMP Bracket</p>		20 2900 40 01 04	•	•			•					

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Fuel System

	Part Number	AIRTRONIC D2	AIRTRONIC D4	B1LC compact	B3LC compact	AIRTRONIC D5	D8LC	HYDRONIC 4/5	HYDRONIC 10 / M	HYDRONIC 16/24/30/35	HYDRONIC M-II
 Bango fitting 8mm Bango fitting 10mm Bango fitting 14mm Bango washer 10mm	25 1352 88 00 05									•	
	26310085									•	
	25 1373 88 03 00									•	
	32316014										
 Fuel T-piece d=4mm, D=8mm Fuel T-piece d=6mm, D=6mm Fuel T-piece d=6mm, D=8mm Fuel T-piece d=6mm, D=10mm Fuel T-piece d=6mm, D=12mm	262 31 155						•				
	262 31 150	•	•	•	•	•	•	•	•	•	•
	262 31 151	•	•	•	•	•	•	•	•	•	•
	262 31 152	•	•	•	•	•	•	•	•	•	•
	262 31 153	•	•	•	•	•	•	•	•	•	•
 One Way Check Valve 6mm One Way Check Valve 8mm	244 31 060	•	•	•	•	•	•	•	•	•	•
	244 31 061	•	•	•	•	•	•	•	•	•	•
 Auxiliary fuel Pump 12 volt 2.5m suction Auxiliary fuel Pump 24 volt 2.5m suction	5 1226 89 82 00	•	•	•	•	•	•	•	•	•	•
	25 1226 89 83 00	•	•	•	•	•	•	•	•	•	•
 Pressure Reducer	22 1000 20 08 00	•	•	•	•	•	•	•	•	•	•

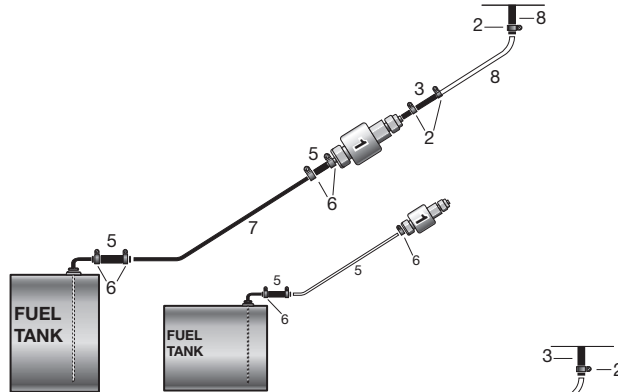
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Fuel System Guide

This guide is to help in selecting which size fuel line, rubber hose and clamps are required for a specific heating system. Refer to the Fuel System section of this manual for specific part numbers.

Cross-reference this information with the corresponding heater manual for maximum height and length specifications.

AIRTRONIC 2
AIRTRONIC 4
B1LC compact
B3LC compact
D/B5LC

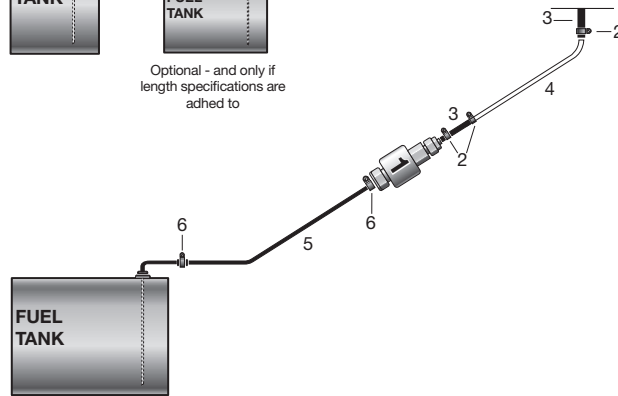


LEGEND

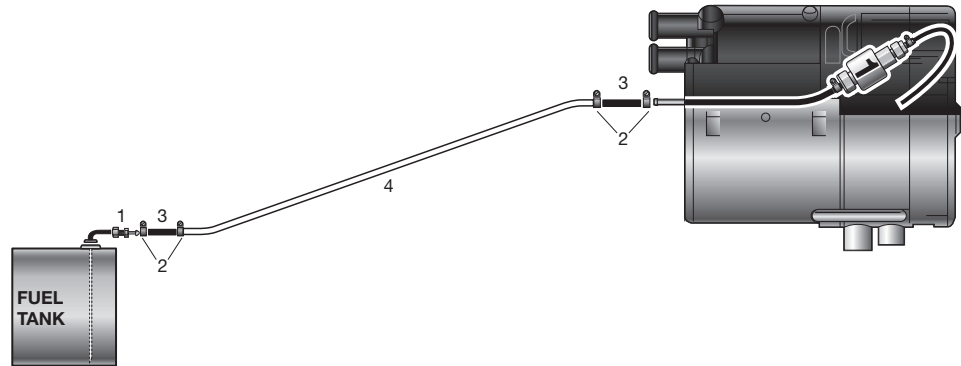
- 1. Fuel Pipe Reducer
- 2. Clamp 9mm
- 3. Rubber Connector 3.5mm
- 4. White Plastic Fuel Line 2.0mm
- 5. Rubber Connector / Fuel Line 5.0mm
- 6. Clamp 11mm
- 7. Black Plastic Fuel Line 2.0mm
- 8. White Plastic Fuel Line 1.5mm

Optional - and only if length specifications are adhed to

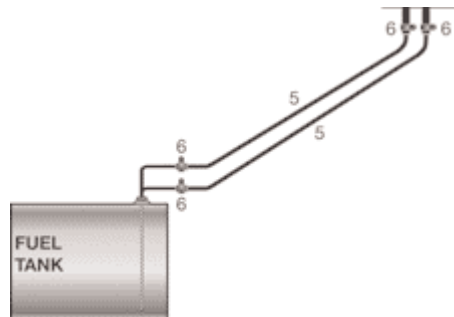
D8LC
HYDRONIC 10



HYDRONIC 4
HYDRONIC 5



HYDRONIC 16
HYDRONIC 24
HYDRONIC 30
HYDRONIC 35



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Ducting Rating Guide

General Tips on Heating Air Ducting and Component Ratings

A heater has the biggest heating air throughput when it can operate with the air blowing freely. Heating air ducting components reduce the throughput. To enable you to check whether or not the installation you plan reduces the air throughput to an inadmissible degree, we have calculated a heater rating for each heater and a component rating for each heating air ducting component:

- 0 = no temperature increase
- = no component rating

The sum of component ratings for the heating air ducting components must not exceed the heater rating, otherwise the outlet temperature will become too high and trigger the safety cutout switch. If the sum of the component ratings exceeds the heater rating, it can be reduced by selecting a larger diameter for the air ducting parts.

Rule of Thumb:

Double the cross-section or two identical components running parallel = 1/4 of the rating.

Example:

50 diameter hose

A = 19.6 cm², R rating 1.0

75 diameter hose

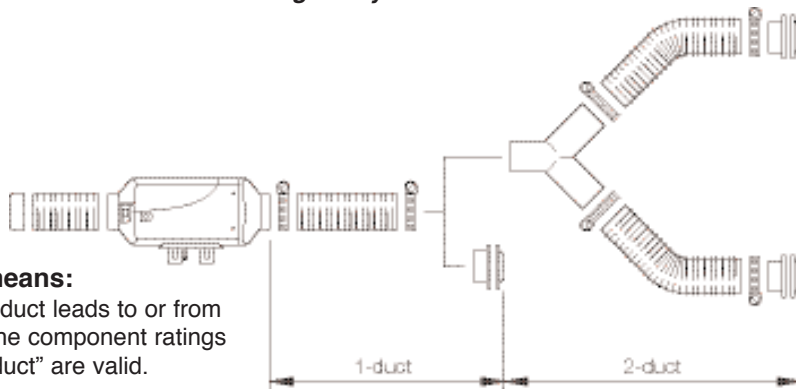
A = 44.2 cm², R rating 0.25

The component rating of smooth welded pipes is only half that of flexible pipe of equal diameter (e.g. double the pipe length).

Main-line Drawing for 1-duct and 2-duct Heating Air System

1-duct means:

A heating duct leads to or from heater. The component ratings under "1-duct" are valid.



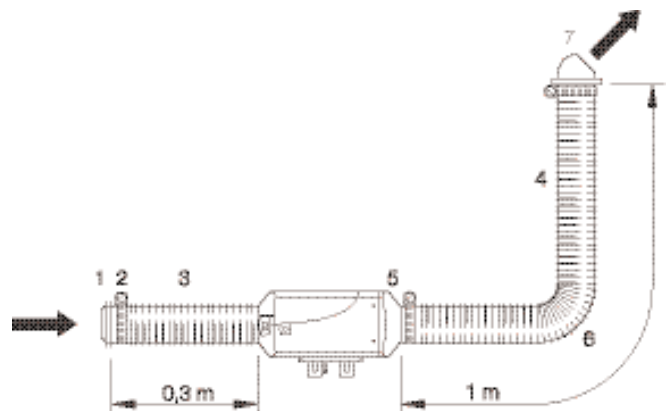
2-duct means:

The heating air line branches into two ducts after the heater. Up to the branch the component ratings under "1-duct" are valid, after the branch they fall under "2-duct". If an adjustable outlet is used in the 2-duct heating system, one duct must be unclosable. Note: When determining the sum of the component ratings, do not take the closable duct into consideration.

Example of Heating Air Ducting for AIRTRONIC D2

Heater Rating = 6

Item	Designation	Component Rating
1	Protective grille	1.7
2	Connection piece 60mm dia.	
3	Flex. pipe, 60mm dia. 0.3m long	0.3
4	Flex. pipe, 60mm dia, 1.0m long	1.0
5	Reduction hood 60mm straight	0
6	1 x 90° bends of flex. pipe	1.2
7	Swivel outlet	1.4
Total Component Rating		5.6

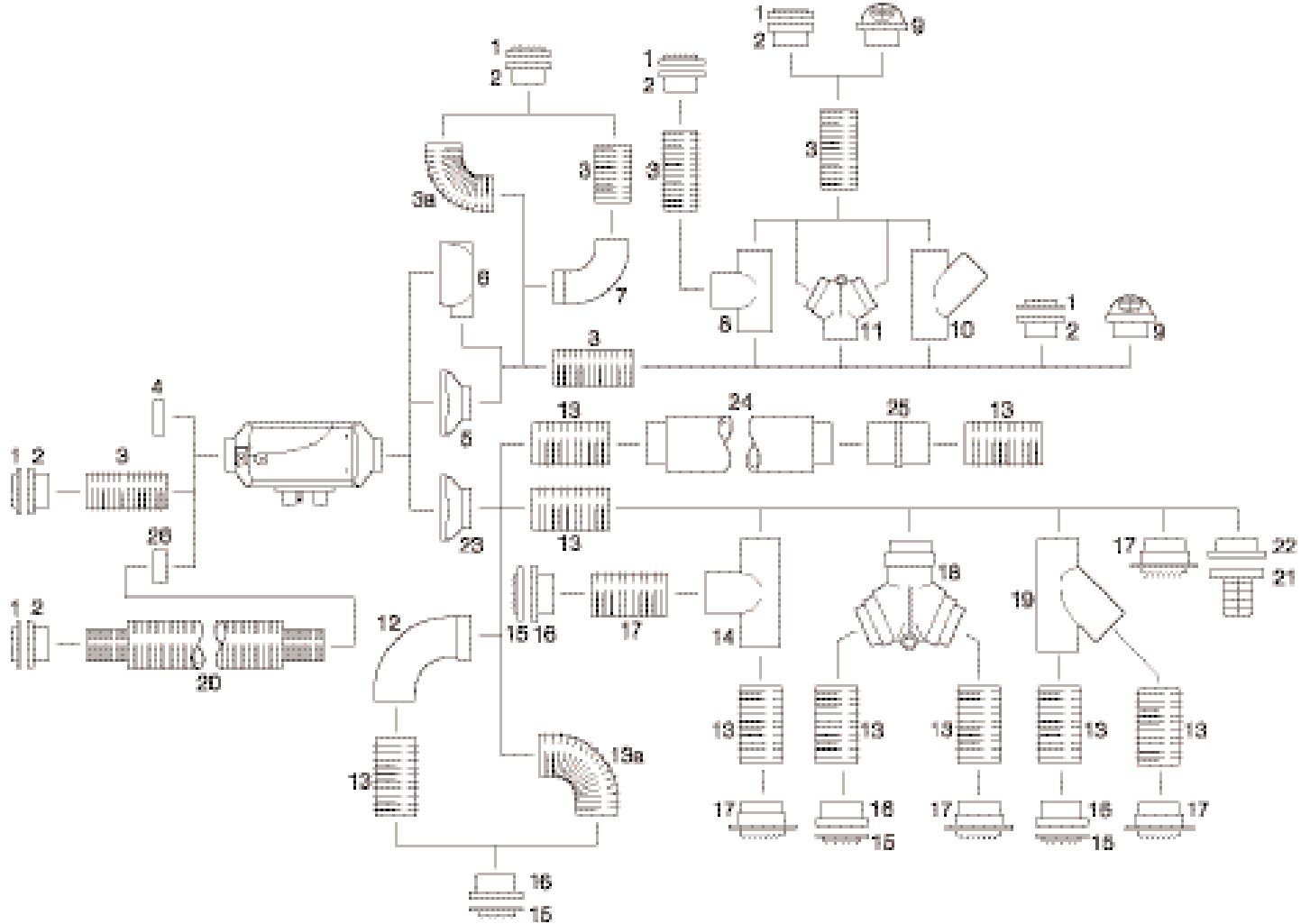


Rating sum = 5.6 and does not exceed the heater rating of 6. The installation is permissible.

Ducting Rating Guide for AIRTRONIC D2

Heater Rating 6 - applies with a 60mm dia. outlet hood.
Heater Rating 12 - applies with a 75mm dia. outlet hood

The sketch shows how the most important air ducting parts that can be used. They are not intended as examples of installation.



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Ducting Rating Guide for AIRTRONIC D2

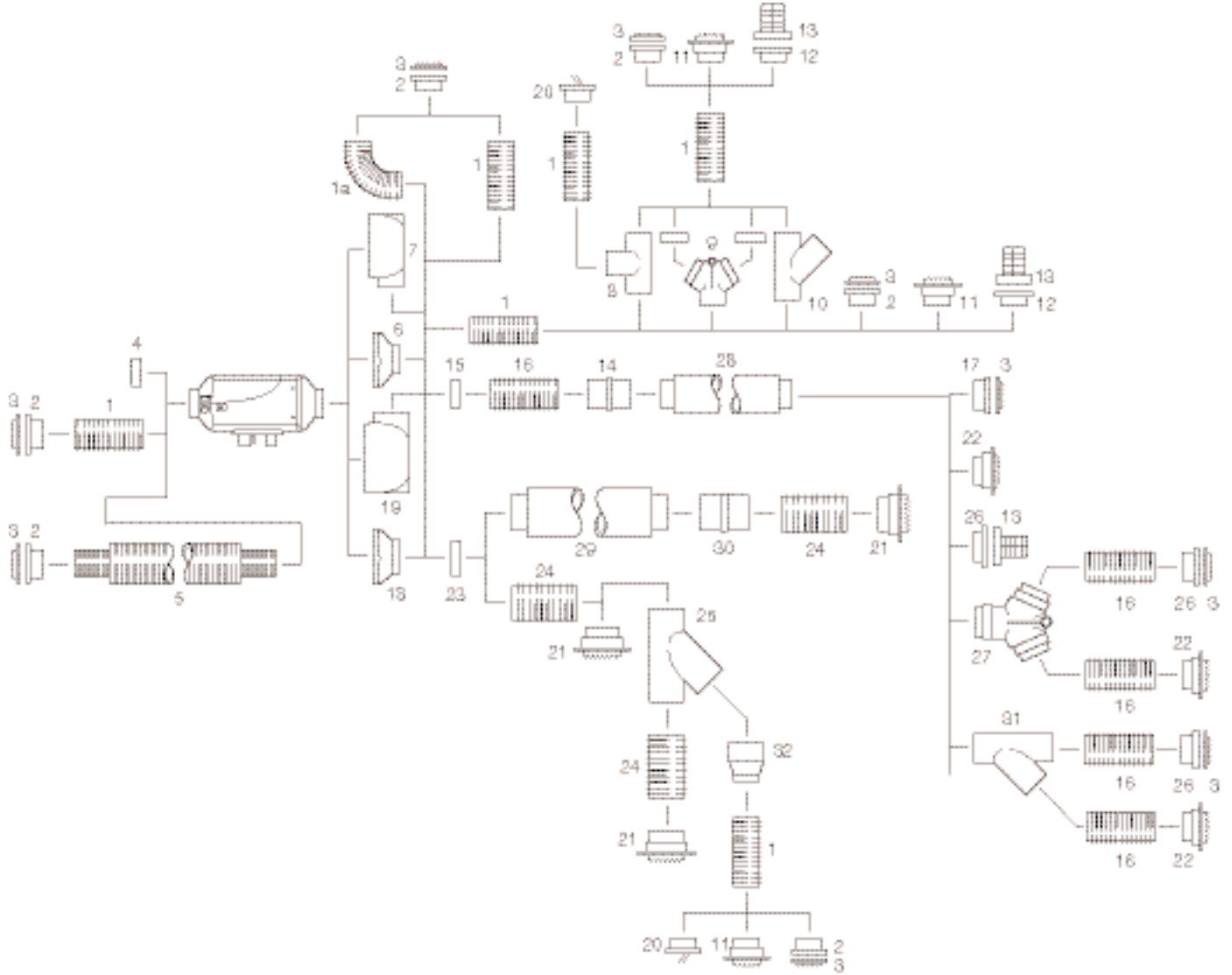
Fig. No.	Designation (measurements in millimeters)	Component Rating		See per No. Air Ducting
		1-duct	2-duct	
	Heating air ducting with reduction hood 60 dia. (heater rating 6)			
1	Grille with	1.7	0.6	16
2	connecting socket, plastic			25
3	Flexible pipe, 60 dia. per m	1	0.3	1
3a	90° pipe bend of flex. pip, 60 dia.	1.2	0.8	1
4	Protective grille	0	-	18
5	Reduction hood, 60 dia.	0	-	30
6	Spherical reduction hood, 60 dia.	4.5	-	34
7	90° pipe bend	4.1	0	35
8	T-piece	-	0.6	40
9	Outlet grill 60 dia. (rotatable)	1.4	0	10
10	Y-piece	-	0.3	45
11	Regulating valve 60x60x60 dia. with flap Position "middle"	-	0	41
	Position "right/left"	-	1	
	Heating air ducting with reduction hood 75 dia. (heater rating 12)			
12	Pipe bend, 75 dia.	3	0.8	35
13	Flexible pipe, 75 dia. per m	1	0.3	1
13a	90° pipe bend of flex. pipe, 75 dia.	1.2	0.5	1
14	T-piece 75x75x75 dia.	-	0.8	40
15	Grille, 75 dia.	-	-	16
16	Connecting socket, metal, 75 dia.	0.5	0	27
17	Outlet grill (rotatable)	0.4	0	11
18	Regulating valve 75x75x75 dia. with flap Position "middle"		0.4	41
	Position "right/left"		1.5	
19	Y-piece 75x75x75 dia.	-	0.4	45
20	Intake silencer, 75 dia.	0.5	-	4
21	Outlet grill with	0.4	0.4	17
22	Connecting socket, plastic, 75 dia.			17.2
23	Reduction hood, 75 dia.	0	0	30
24	Silencer, 75 dia.	1	-	3
25	Connector, 75 dia.	0.1	-	46
26	Ring, 60x75 dia.	0	-	36

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Ducting Rating Guide for AIRTRONIC D4

Heater Rating 3 - applies with a 75mm dia. outlet hood.
Heater Rating 10 - applies with a 90mm dia. outlet hood

The sketch shows how the most important air ducting parts that can be used. They are not intended as examples of installation.



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Ducting Rating Guide for AIRTRONIC D4

Fig. No.	Designation (measurements in millimeters)	Component Rating				See per No. Air Ducting
		1-duct		2-duct		
	Heating air ducting with reduction hood 75 dia. (heater rating 3)					
	Heating air ducting with reduction hood 90 dia. (heater rating 10)	75	90	75	90	
1	Flexible pipe, 75 dia. per m	1	-	0.2	0.3	1
1a	90° pipe bend of flex. pipe, 75 dia.	1	-	0.2	0.4	1
2	Connecting socket, metal, 75 dia.	1.4	1.4	-	0.5	27
3	Grille	-	-	-	-	16
4	Grille, 75 dia.	-	-	-	-	18
5	Intake silencer, 75 dia.	1	0.8	-	-	4
6	Reduction hood, 75 dia.	0	-	-	-	30
7	Spherical reduction hood, 75 dia.	2	-	-	-	34
8	T-piece 75x75x75 dia.	-	-	0.3	-	40
9	Regulating valve 75x75x75 dia. with flap Position "middle"	0	-	-	-	41
	Position "right/left"	1.3	-	-	-	
10	Branch piece 75x75x75 dia.	-	-	1.8	-	45
11	Outlet grill (rotatable) 75 dia.	0.6	-	0.5	0.3	11
12	Connector, 75 dia.	-	-	-	-	17.2
13	Outlet grill	1	3.3	0.5	0.5	17
14	Connector, 75 dia.	-	0.1	-	-	46
15	Ring, 75x90 dia.	0	0	-	-	36
16	Flexible pipe, 90 dia. per m	-	1	-	-	1
17	Connector socket, 90 dia. with grille	-	1.4	-	0.5	27
18	Reduction hood, 90 dia.	-	0	-	-	30
19	Spherical reduction hood, 90 dia.	-	5	-	-	34
20	Round outlet, 75 dia.	-	-	-	2.1	12
21	Outlet grill (rotatable) 100 dia.	-	1.4	-	0.5	11
22	Outlet grill (rotatable) 90 dia.	-	2.4	-	0.3	11
23*	Grille, round, 90x100 dia.	-	0	-	-	18
24	Flexible pipe, 100 dia. per m	-	0.6	-	0.4	1
25	Y-piece 100x100x100 dia.	-	-	-	0.5	45
26	Connector, 90 dia., with exhauster pos. 13	-	3.3	-	-	17.2
27	Regulating valve 90x90x90 dia. Position "middle"	-	0	-	-	41
	Position "right/left"	-	1.4	-	-	
28	Silencer, 90 dia.	-	1	-	-	3
29	Silencer, 100 dia.	-	1	-	-	3
30	Connector, 100 dia.	-	0.1	-	-	46
31	Y-piece 90x90x90 dia.	-	-	-	0.5	45
32	Reduction piece, 100 dia. - 75 dia.	-	-	-	0.5	47

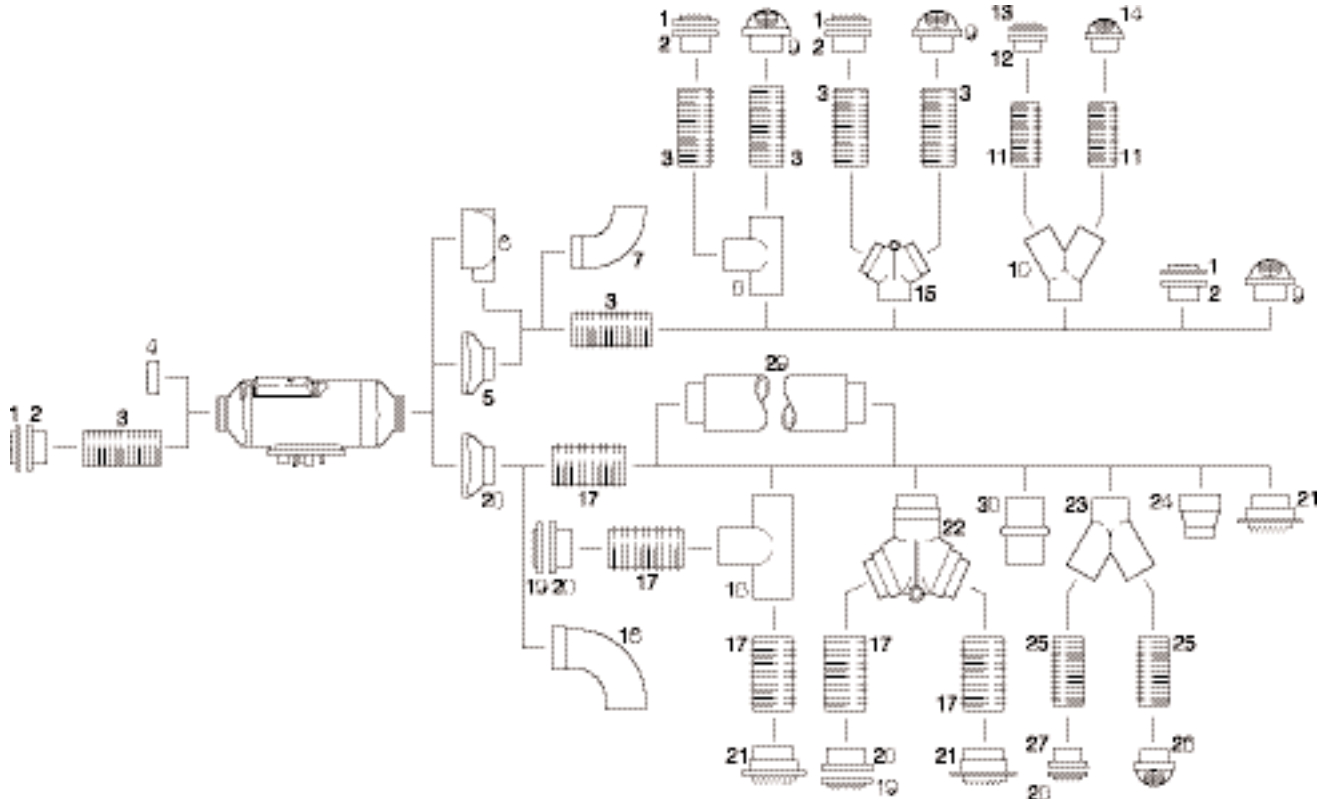
*Pos. 23 - if used as adapter 90x100 dia., cut out the mesh.



Ducting Rating Guide for B1LC compact

Heater Rating 6 - applies with a 60mm dia. outlet hood.
Heater Rating 15 - applies with a 75mm dia. outlet hood

The sketch shows how the most important air ducting parts that can be used. They are not intended as examples of installation.



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Ducting Rating Guide for B1LC compact

Fig. No.	Designation (measurements in millimeters)	Component Rating		See per No. Air Ducting
		1-duct	2-duct	
	Heating air ducting with reduction hood 60 dia. (heater rating 6)			
1	Grille	1.2	0.4	16
2	Connecting socket, plastic	0.3	0	25
3	Flexible pipe, 60 dia. per m	1	0.25	1
-	90° pipe bend of flex. pipe, 60 dia.	0.5	0.1	1
4	Protective grille	0.15	-	18
5	Reduction hood 60 dia.	0	0	31
6	Spherical reduction hood, 60 dia.	1.7	1.7*	32
7	Pipe bend, 60 dia.	3	*	35
8	T-piece, 60 dia.	-	0.3	40
9	Outlet grill (rotatable) 60 dia.	1	0.15	10
10	Y-piece, 60 dia.	-	0.85	44
11	Flexible pipe, 50 dia. per m	-	0.25	1
-	90° pipe bend of flex. pipe, 50 dia.	-	0.1	1
12	Connecting piece	-	0	25
13	Outlet grill	-	0.15	16
14	Outlet grill (rotatable) 50 dia.	-	0.15	10
15	Regulating valve 60x60x60 dia. with flap Position "middle"	-	0	41
	Position "right/left"	-	1	
	Heating air ducting with reduction hood 75 dia. (heater rating 15)			
16	Pipe bend, 75 dia.	2	2*	35
17	Flexible pipe, 75 dia., per m	1	0.25	1
-	90° pipe bend of flex. pipe, 75 dia.	0.7	0.15	1
18	T-piece 75x75x75 dia.	-	0.7	40
19	Grille, 75 dia.	0.3	0	16
20	Connecting socket, metal, 75 dia.	0	0	27
21	Outlet grill (rotatable) 75 dia.	0.7	0.15	11
22	Regulating valve 75x75x75 dia. with flap Position "middle"	-	0	41
	Position "right/left"	-	1	
23	Y-piece 50x75x50 dia.	-	1.3	43
24	Reducing piece, 75 dia. - 50 dia.	-	0.8	47
25	Flexible pipe, 50 dia. per m	-	1	1
-	90° pipe bend of flex. pipe, 50 dia.	-	0.8	1
26	Outlet grill (rotatable) 50 dia.	-	0.35	10
27	Connecting socket, plastic, 50 dia.	-	0	25
28	Reduction hood, 75 dia.	0	0	31
29	Silencer, 75 dia.	1	-	3
30	Connector, 75 dia.	-	-	46

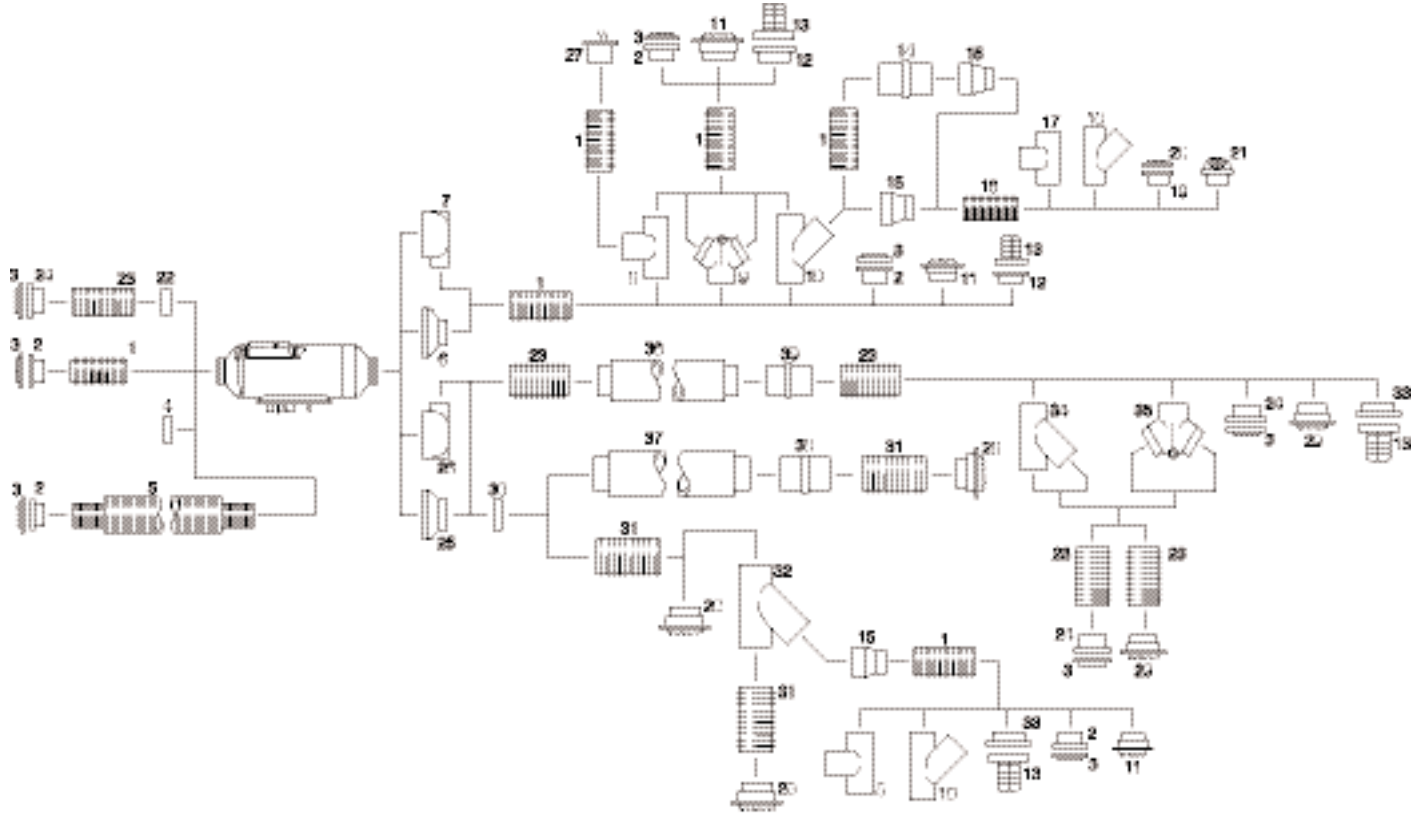
*Component is in front of the 2-duct system. In the case of a combination of air-ducting parts - dia. 60 at the intake side and dia. 75 at the exhaust side - the rating of the components at the exhaust side must be multiplied by 0.4. The heating rating 6 applies.

Ducting Rating Guide for B3LC compact

Heater Rating 6 - applies with a 75mm dia. outlet hood.

Heater Rating 13 - applies with a 90mm dia. outlet hood.

The sketch shows how the most important air ducting parts that can be used. They are not intended as examples of installation.



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Ducting Rating Guide for B3LC compact

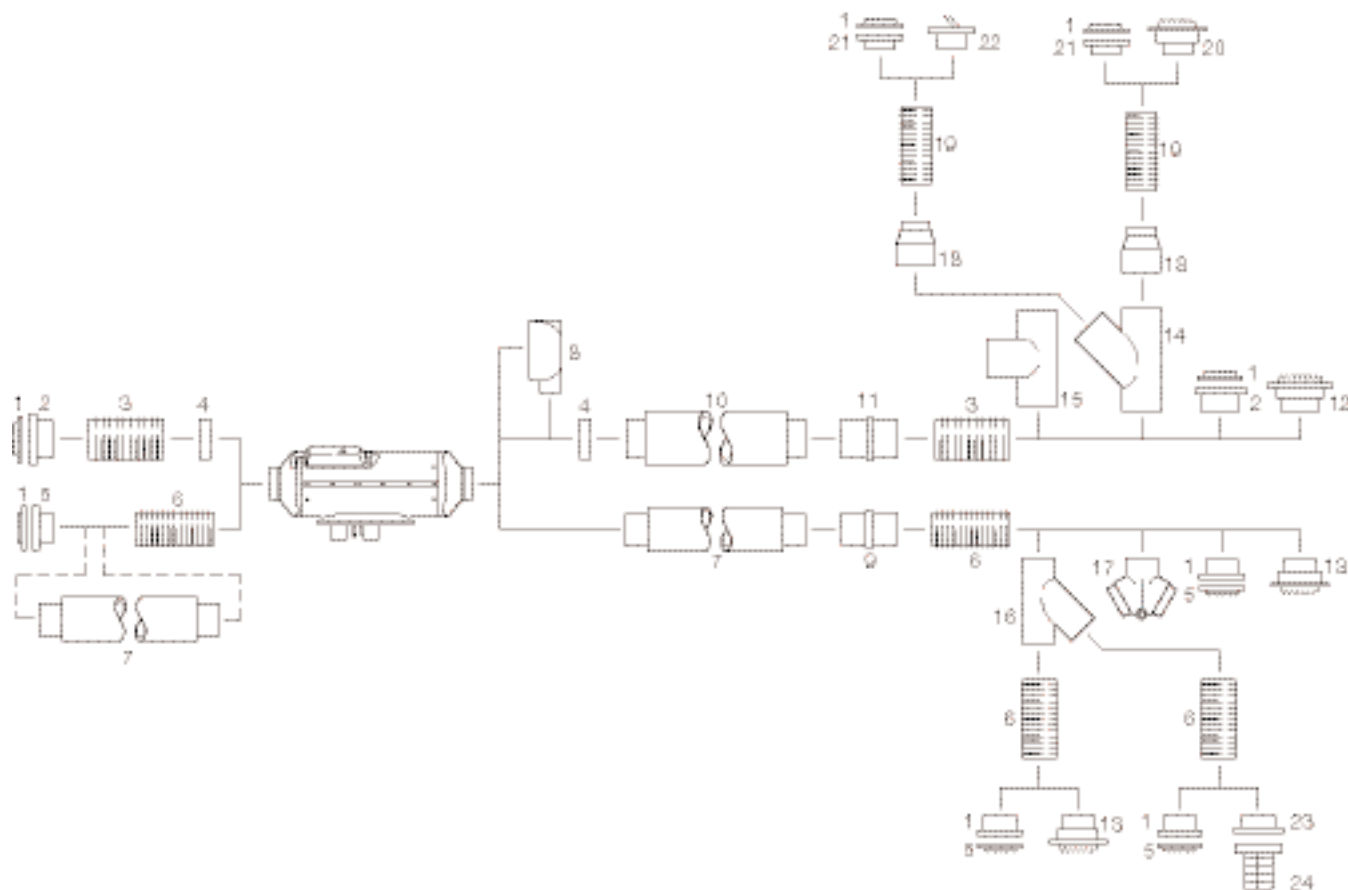
Fig. No.	Designation (measurements in millimeters)	Component Rating				See per No. Air Ducting
		1-duct		2-duct		
	Heating air ducting with reduction hood 75 dia. (heater rating 6)					
	Heating air ducting with reduction hood 90 dia. (heater rating 13)					
		75	90	75	90	
1	Flexible pipe, 75 dia. per m	1	0.9	0.3	0.5	1
2	Connecting socket, metal, 75 dia.	0.3	0.3	0	0	27
3	Grille	0.8	0.5	0.3	0	16
4	Grille, 75 dia.	0.3	0.3	-	-	18
5	Intake Silencer, 75 dia.	0.5	0.5	-	-	4
6	Reduction hood, 75 dia.	0	-	-	-	31
7	Spherical reduction hood, 75 dia.	2.6	-	-	-	32
8	T-piece 75x75x75 dia.	-	-	0.5	0.5	40
9	Regulating valve 75x75x75 dia.	-	-	0.5	-	41
10	Branch piece 75x75x75 dia.	-	-	0.8	0.8	45
11	Outlet grill (rotatable) 75 dia.	0.8	-	0.5	-	11
12	Connector, 75 dia.	0.5	-	0.3	0.3	17.2
13	Outlet grill	0.3	0.3	0.2	0.2	17
14	Connector, 75 dia.	0.3	-	0	-	46
15	Reduction piece, 75 dia. - 60 dia.	-	-	0.3	0	47
16	Flexible pipe, 60 dia. per m	-	-	0.8	-	1
17	T-piece 60x60x60 dia.	-	-	0	-	40
18	Branch piece 60x60x60 dia.	-	-	0	-	45
19	Connecting socket, plastic, 60 dia.	-	-	-	-	25
20	Grille, 60 dia.	-	-	0.2	-	16
21	Outlet grill (rotatable) 60 dia.	-	-	0.8	-	10
22	Ring, 75x90 dia.	0.3	0.3	-	-	36
23	Flexible pipe, 90 dia. per m	-	1	-	-	1
24	Connecting socket, metal, 90 dia.	-	0.5	-	-	27
25	Reduction hood, 90 dia.	-	0	-	-	31
26	Spherical reduction hood, 90 dia.	-	1.4	-	-	32
27	Round outlet, 75 dia.	-	-	-	-	12
28	Outlet grill (rotatable) 100 dia.	-	2.3	-	0	11
29	Outlet grill (rotatable) 90.	-	2.8	-	0	11
30	Grille, round, 90x100 dia.*	-	0	-	-	18
31	Flexible pipe, 100 dia. per m	-	-	-	-	1
32	Y-piece, 100x100x100 dia.	-	-	-	0	45
33	Connector, 90 dia.	-	0.5	-	-	17.2
34	Y-piece	-	-	0.6	0.6	45
35	Regulating valve 90x90x90 dia. with flap Position "middle"	-	0			41
	Position "right/left"	-	1			
36	Silencer, 90 dia.	-	1	-	-	3
37	Silencer, 100 dia.	-	1	-	-	3
38	Connector, 100 dia.	-	-	-	-	46
39	Connecting socket, 60 dia.	-	-	0.3	-	46

*Pos. 30 - if used as adapter 90x100 dia., cut out the mesh.

Ducting Rating Guide for AIRTRONIC 5

Heater Rating 10

The sketch shows how the most important air ducting parts that can be used. They are not intended as examples of installation.



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Ducting Rating Guide for AIRTRONIC 5

Fig. No.	Designation (measurements in millimeters)	Component Rating		See per No. Air Ducting
		1-duct	2-duct	
	Heating air ducting with reduction hood 90 dia. (heater rating 10)			
1	Grille	0.5	0.25	16
2	Connecting socket, metal, 100 dia.	0	0	26
3	Flexible pipe, 100 dia. per m	0.5	0.25	1
	Bend, 90° of flexible pipe, 100 dia.	0	0	1
4	Grille, 90x100 dia.*	0	-	18
5	Connector piece, 90 dia.	0	0	27
6	Flexible pipe, 90 dia. per m	1.0	0.3	1
	Bend, 90° of flexible pipe, 90 dia.	0.25	0	1
7	Silencer, 90 dia.	0.6	0.3	3
8	Spherical reduction hood, 90 dia.	1.5	-	31
9	Connector, 90 dia.	-	-	46
10	Silencer, 100 dia.	0.25	0	3
11	Connector, 100 dia.	-	-	46
12	Outlet grill (rotatable) 100 dia.	3.25	1.0	11
13	Outlet grill (rotatable) 90 dia.	3.25	1.0	11
14	Y-piece 100x100x100 dia.	0.5	0	45
15	T-piece 100x100x100 dia.	0.25	0	40
16	Y-piece 90x90x90 dia.	0.5	0	45
17	Regulating valve 90x90x90 dia. Position "middle" Position "right/left"	0 1	- -	41
18	Reduction piece, 100 dia. - 75 dia.	2.75	1.0	47
	Flexible pipe, 75 dia. per m	-	1.5	1
19	Bend, 90° of flexible pipe, 75 dia.	-	0.5	1
20	Outlet grill (rotatable) 75 dia.	-	1.25	11
21	Connecting socket, metal, 75 dia.	-	0	27
22	Round outlet, 75 dia., closing	-	-	12
23	Connector, 90 dia.	-	-	17.2
24	Outlet grill	-	-	17

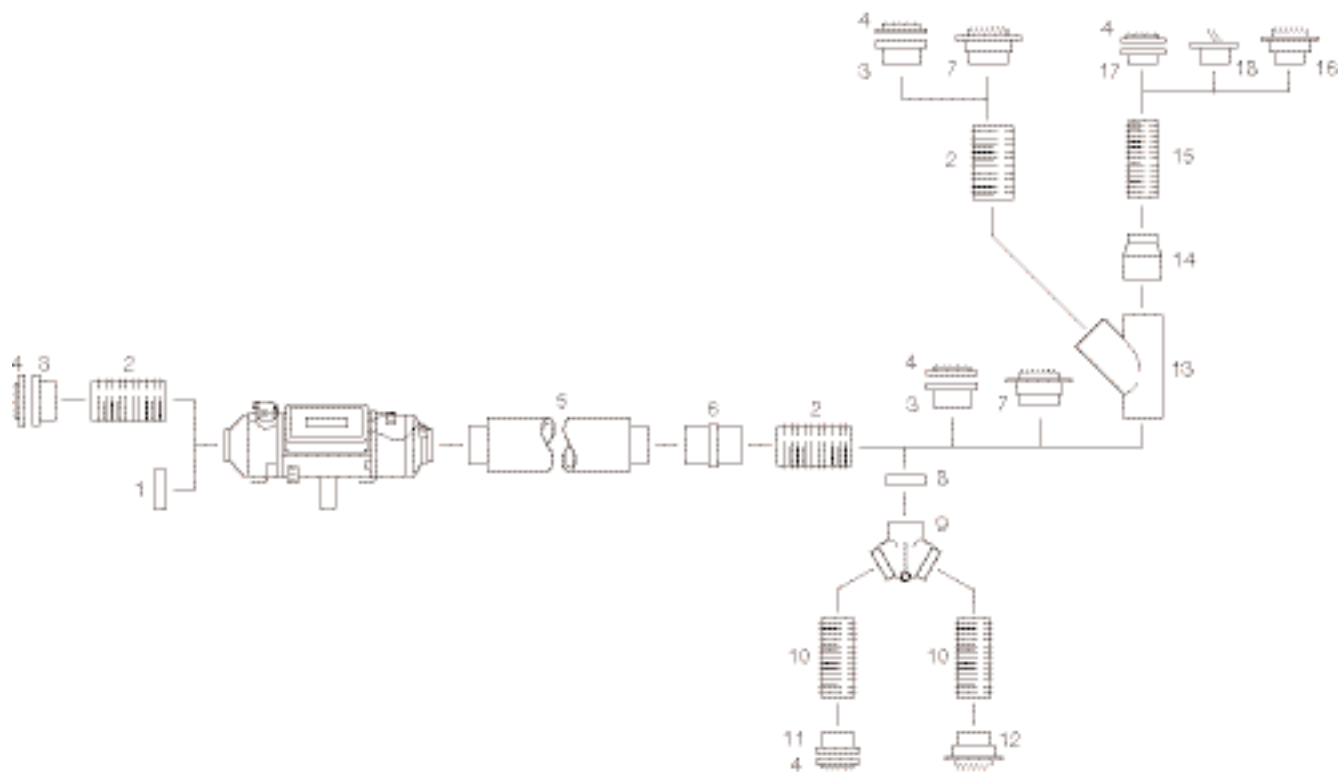
*Pos. 4 - if used as adapter 90x100 dia., cut out the mesh.

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Ducting Rating Guide for D8LC

Heater Rating 8

The sketch shows how the most important air ducting parts that can be used. They are not intended as examples of installation.



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Ducting Rating Guide for D8LC

Fig. No.	Designation (measurements in millimeters)	Component Rating		See per No. Air Ducting
		1-duct	2-duct	
	Heating air ducting with reduction hood 100 dia. (heater rating 8)			
1	Grille, 100 dia.	0.1	-	18
2	Flexible pipe, 100 dia., per m	1.0	0.25	1
-	Pipe bend, 90°, of flex. pipe, 100 dia.	0.5	0.15	1
3	Connecting socket, metal, 100 dia.	0.18	0.1	26
4	Grille, painted, 100 dia.	1.8	0.1	16
-	Grille, nickel-plated, 100 dia.	1.8	0.1	16
5	Silencer, 100 dia.	1.1	0.25	3
6	Connector socket, 100 dia.	-	-	46
7	Outlet grill (rotatable), 100 dia.	3.25	1.1	11
8	Grille, 90x100 dia.*	0	-	18
9	Regulating valve 100x100x100 dia.	2.4	-	41
10	Flexible pipe, 90 dia., per m	1.0	0.25	1
11	Connecting socket, metal, 90 dia.	-	-	27
12	Outlet grill (rotatable) 90 dia.	-	1.4	11
13	Y-pipe 100x100x100 dia.	0	-	45
14	Reduction piece, 100 dia. - 74 dia.	-	0.55	51
15	Flexible pipe 75 dia. per m	-	1.1	1
-	Pipe bend, 90° of flex. pipe, 75 dia.	-	1.1	1
16	Outlet grill (rotatable) 75 dia.	-	-	11
17	Connector socket, 75 dia.	-	0.1	27
18	Connecting socket, metal, 75 dia.	-	0.15	12

*Pos. 8 - if used as adapter 90x100 dia., cut out the mesh.

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