

Data

Version	Copper pipes and aluminum ribs
Face area/depth	6.0 dm ² / 85 mm, 4 rows
Refrigerant capacity KW (kcal/h)	4.8 (4000)

Cooling blower

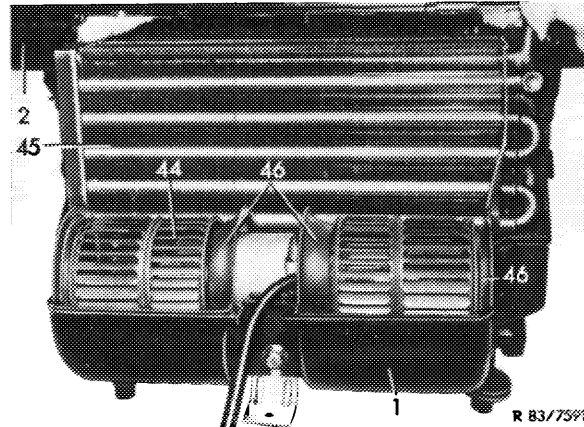
Power input	120 W
Blower speed	1/min
Detent 1	2000
Detent 2	3000
Detent 3	4000
Air volume at 12 V in cc/min	6.3

Removal

- 1 Remove evaporator housing (83—536).
- 2 Remove sealing tape on injection valve and evaporator pipes (83—534).

Layout of evaporator and cooling blower in evaporator housing

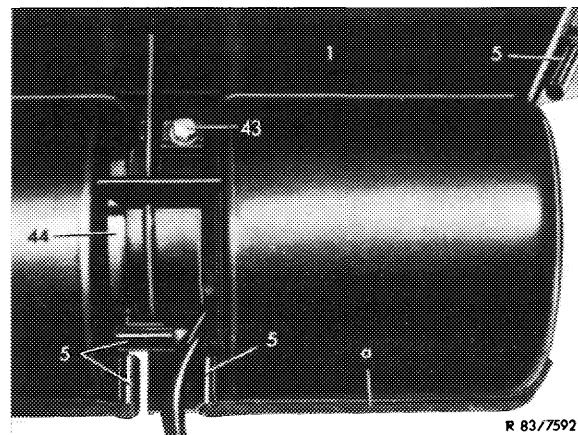
- | | |
|----------------------|-----------------|
| 1 Evaporator housing | 45 Evaporator |
| 2 Heater box | 46 Fixing rings |
| 44 Cooling blower | |



- 3 Remove tensioning springs (5) with Seeger pliers and unscrew screw (43). Pull off adhesive tape (a) above joint.

Evaporator housing with cooling blower

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|------------------------------------|---|
| 1 Top member of evaporator housing | 43 Screw with washer, snap ring and nut |
| 5 Tensioning spring | 44 Cooling blower |
| a Adhesive tape | |

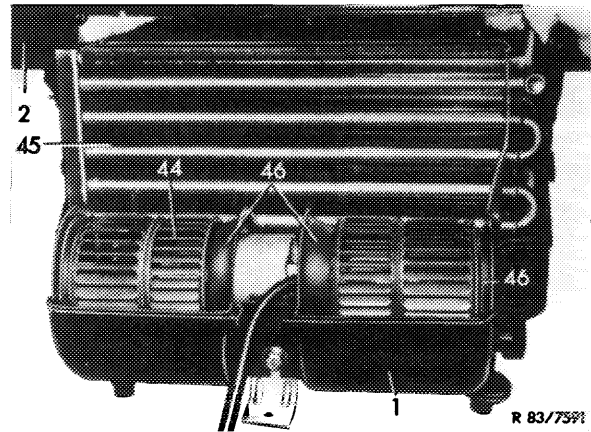


4 Lift top (1) from evaporator housing.

5 Remove blower (44), while paying attention to balancing clamps.

Layout of evaporator and cooling blower in evaporator housing

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|----|--------------------|----|--------------|
| 1 | Evaporator housing | 45 | Evaporator |
| 2 | Heater box | 46 | Fixing rings |
| 44 | Cooling blower | | |



6 Push tensioning clamp from flap shaft.

7 Pull out flap shaft for approx. 20 mm and remove evaporator in upward direction.

8 Unscrew expansion valve from evaporator (83–534).

Installation

9 Mount expansion valve to evaporator pipes (83–534).

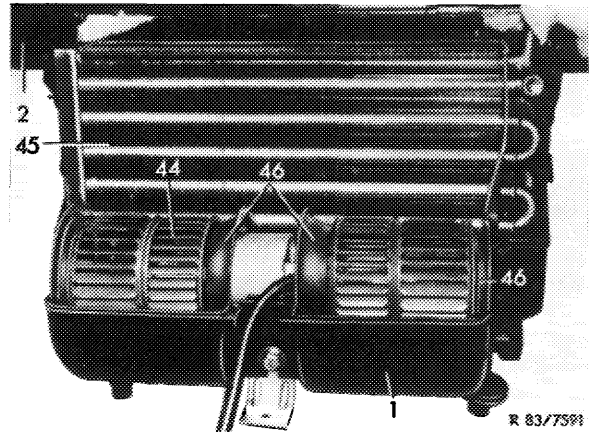
10 Insert evaporator into evaporator housing. Push back flap shaft again and attach by means of clamp.

11 Actuate flap and make sure that the guide roller runs correctly between the two beads of flap.

12 Insert cooling blower into evaporator housing lower half and install electric line.

Layout of evaporator and cooling blower in evaporator housing

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|----|--------------------|----|--------------|
| 1 | Evaporator housing | 45 | Evaporator |
| 2 | Heater box | 46 | Fixing rings |
| 44 | Cooling blower | | |



13 Insert fixing rings (46) into grooves of housing lower half in such a manner that the flats at outer edge are in alignment with joint of housing top.

14 Mount housing top, making sure that the fixing rings are correctly guided in grooves.

15 Mount tensioning springs (5) and screw (43) with washer, snap ring and nut.

16 Again cover joints with adhesive tape. Insulate expansion valve and evaporator pipes with no drip tape (83—534).

17 Check moltoprene strips on changeover flap and on heat exchangers of heater box for attachment and condition. If required, glue down again or renew. Then reinstall evaporator housing (83—536).