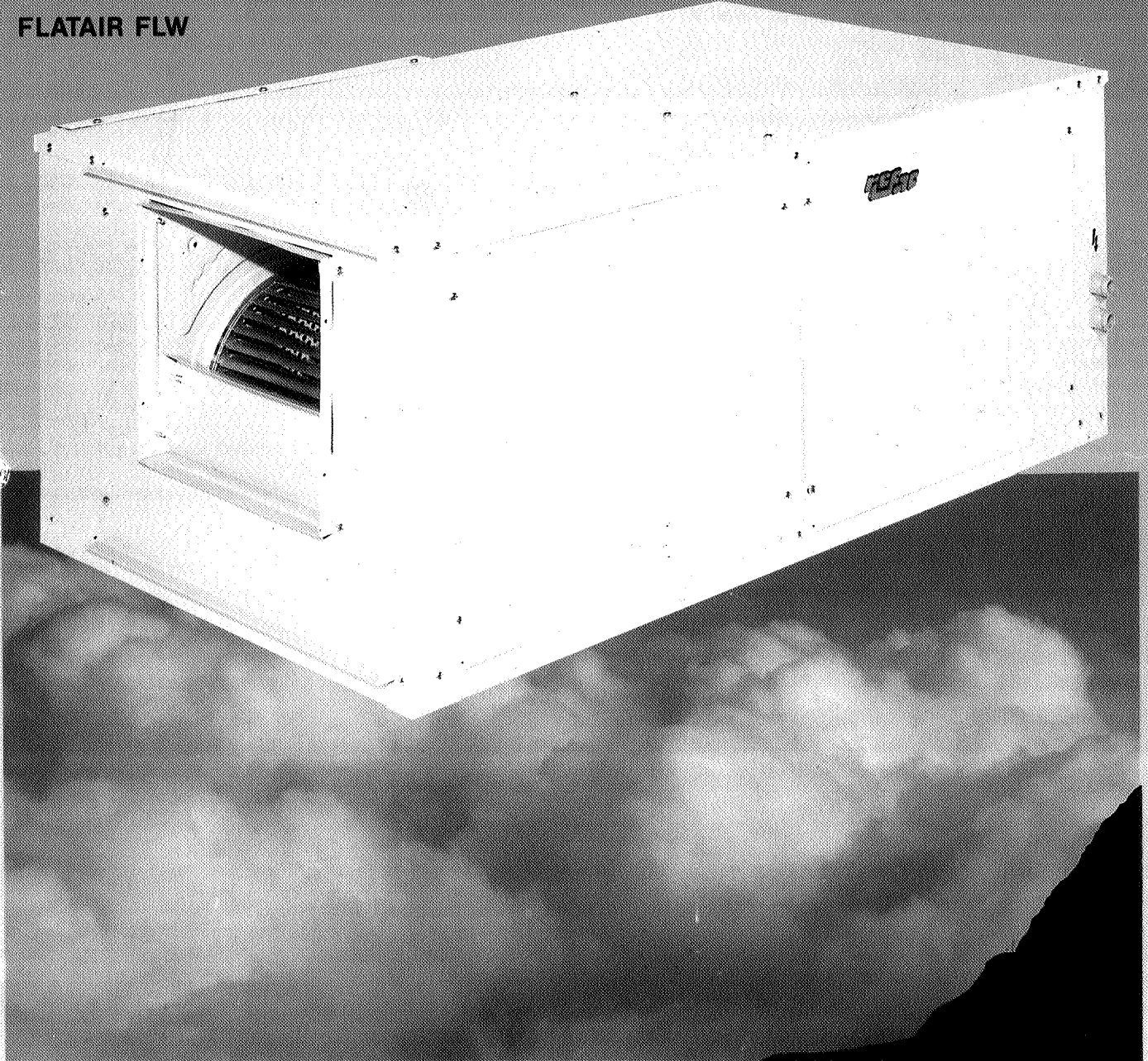


# REFAC

airconditioning

FLATAIR FLW



## FLATAIR FLW

### APPLICATION

The water cooled Flatair has been designed for small and medium sized air conditioning installations as shops, offices, boutiques, etc.

### TEMPERATURE RANGE

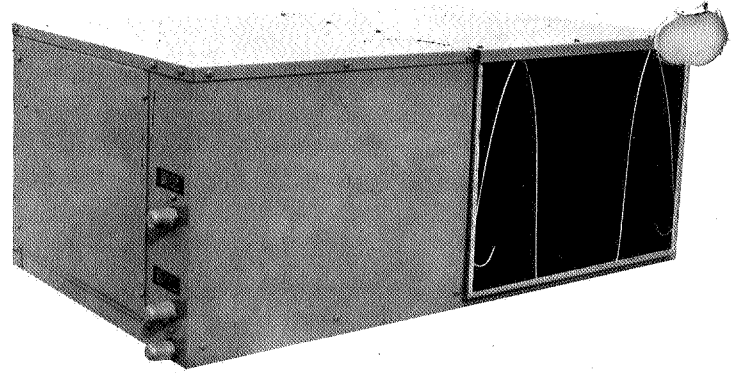
- Air inlet condition on to the evaporator:  
minimum: 17°C D.B.; 12°C W.B.  
maximum: 30°C D.B.; 22°C W.B.
- Maximum condensing temperature 60° C.
- Maximum water inlet temperature to condenser 30° C.
- To prevent damage to the compressor by overheating the number of starts is limited to maximum of 10 per hour.

### FEATURES

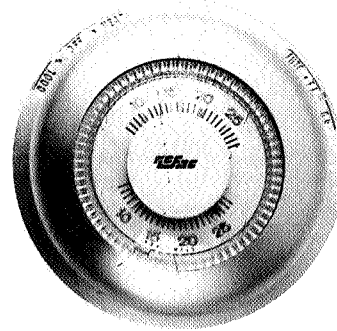
- A sturdy casing, made of galvanized sheet metal, externally painted and internally provided with glasfiber isolation.
- A direct driven centrifugal fan, except for the FLW 7 which is V-belt drive.
- Hermetic compressor internally and externally antivibration mounted.
- Tube-in-tube condenser.
- Evaporator with copper tubes and aluminium fins.
- Cleanable filter.
- Refrigerant R22.
- Complete switchbox.
- Remote control with selection switch for ventilation, cooling or heating, including adjustable thermostat.

### OPTIONALS

- Electrical heater to be mounted in the fan exhaust.
- Hot water heater.
- Water regulating valve for the condenser.



Back View Flatair FLW



Remote control (24V)  
(One step + one speed)

TECHNICAL DATA		FLW-2	FLW-2.5	FLW-2.8	FLW-3	FLW-4	FLW-5	FLW-7
Cooling capacity*.....	Kw.	5.6	8.2	8.9	11.1	14.6	17.0	20.4
Cooling capacity*.....	Frig/h.	4,800	7,000	7,600	9,500	12,500	14,600	17,500
Flow rate: max/min.....	m <sup>3</sup> /h.	1,500/900	2,150/1,650	2,150/1,650	2,100/1,650	3,600/2,600	3,600/2,600	4,200/2,800
Available pressure: max. (1).....	mm. w.g.	8	8	8	8	24	24	22
Total power consumption (nominal) cooling.....	Kw.	2	2.8	3	3.9	4.9	5.6	8.1
Intensity: 220/380 V.....	A	12	14.1	16.4	15.8/8.3	20.8/12.8	23/15	26/16
Voltage (50 Hz + neutral + ground).....	v/f.	220/I	220/I	220/I	220/380-III	220/38 0-III	220/380-III	220/380-III
Net weight.....	Kg.	62	98	102	107	148	148	159
Dimensions: Height.....	mm.	440	440	440	440	480	480	480
Width.....	mm.	490	620	620	620	700	700	700
Length.....	mm.	790	1,080	1,080	1,080	1,500	1,500	1,500

(1) With admissible minimum flow.

\* Air inlet temperature at the evaporator: 27° C D.B., 19° C W.B.

\* Water inlet temperature at the condenser: 29° C.

To obtain exact capacities consult the technical handbooks.

(Subjet to change without notice)

# REFAC

MADE BY

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