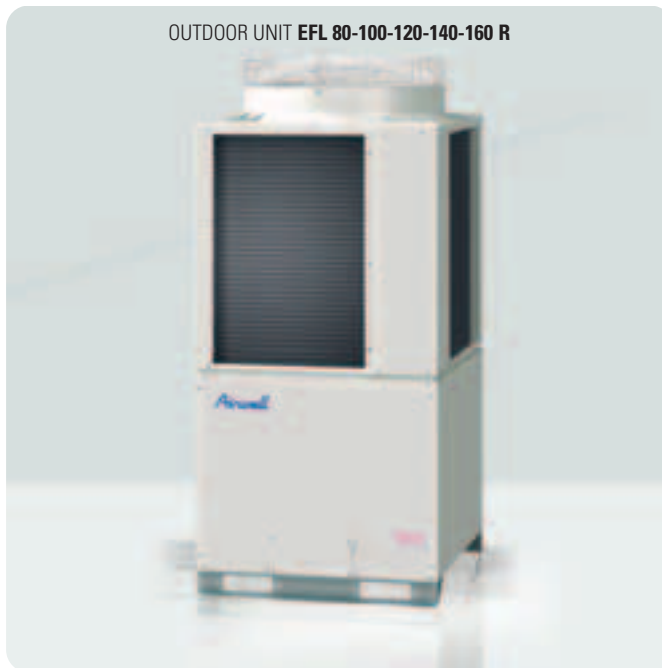


EFL-3R410

FLOW LOGIC 3 PIPES 3i-410

21 Heat Pump models
From 8 to 48 HP

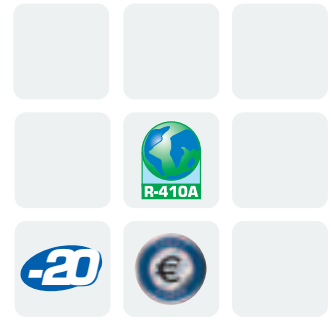
OUTDOOR UNIT EFL 80-100-120-140-160 R



FLOW LOGIC 3i-410 is a range of variable refrigerant flow solutions for 3 way heating and air-conditioning using the high performance **R410A** fluid. This range is unmatched by anything on the market and can independently pilot up to **40 indoor units** in cooling and heating mode. The DC Inverter technology means that these systems achieve a **COP of 4** whilst offering ultra silent operation, and a compact footprint.

PRODUCT ADVANTAGES

- Simultaneous heating and cooling.
- High performance R410A fluid.
- Average COP : 3.88.
- Average EER : 3.44.
- Heat reclaim system.
- DCI Inverter technology on all units (compressor and fan).
- 40 indoor units connectable from 24HP.
- Compact footprint (0.79m²).
- Low sound levels up to 5dB (A) in silent mode.
- Innovative defrosting (between outdoor units).
- All units are identical in size.
- Total piping length 300m.
- Power ratio 130%.
- Lead lag operation to maintain equal compressor operating time.
- A single unit for up to 16HP (45kW).



EFL-3R410 - 3 pipes

		EFL 80R-3R410	EFL 100R-3R410	EFL 120R-3R410	EFL 140R-3R410	EFL 160R-3R410
Cooling	Capacity	kW 22,4	28,0	33,5	40	45
	Input power	kW 5,93	8,12	9,82	11,6	13,3
	EER	3,80	3,50	3,40	3,50	3,4
	Outdoor temperature operating limits	°C -10°/ 43° Dry Bulb	-10°/ 43° Dry Bulb	-10°/ 43° Dry Bulb	-10°/ 43° Dry Bulb	-10°/ 43° Dry Bulb
Heating	Capacity	kW 25	31,5	37,5	45	50
	Input power	kW 6,11	7,97	9,84	11,5	13,2
	COP	4,10	3,95	3,80	3,90	3,8
	Outdoor temperature operating limits	°C -20°/ 15° Wet Bulb	-20°/ 15° Wet Bulb	-20°/ 15° Wet Bulb	-20°/ 15° Wet Bulb	-20°/ 15° Wet Bulb
Outdoor unit	Sound pressure level to 1 m (max)	dB(A) 9000	9600	0800	12000	13200
	Acoustic pressure in silent mode	dB(A) 54,5	55	56	60	61
	Air flow	m³/h 51,5	52	53	57	58
	Height	mm 1887	1887	1887	1887	1887
	Width	mm 890	890	890	890	890
	Depth	mm 890	890	890	890	890
	Weight	kg 290	290	290	350	350
	Part number 3-400V - 50Hz	7SP14R018	7SP14R019	7SP14R020	7SP14R021	7SP14R022
	Power supply 3-400V-50Hz	Suction pipe diameter	inches 3/4"	7/8"	1"	1"
Liquid pipe diameter		inches 5/8"	3/4"	3/4"	7/8"	7/8"
Liquid tubing diameter		inches 3/8"	3/8"	1/2"	1/2"	1/2"
Balance pipe		inches 3/8"	3/8"	3/8"	3/8"	3/8"

Outdoor unit combinations FLOW LOGIC 3i-410

Presentation	HP / combination	1 Group	2 Groups	3 Groups
	8	EFL 80-3R410 Part number 7SP14R018		
	10	EFL 100-3R410 Part number 7SP14R019		
	12	EFL 120-3R410 Part number 7SP14R020		
	14	EFL 140-3R410 Part number 7SP14R021		
	16	EFL 160-3R410 Part number 7SP14R022		
	18 (8+10)	EFL 80-3R410 Part number 7SP14R018	EFL 100-3R410 Part number 7SP14R019	
	20 (10+10)	EFL 100-3R410 Part number 7SP14R019	EFL 100-3R410 Part number 7SP14R019	
	22 (10+12)	EFL 100-3R410 Part number 7SP14R019	EFL 120-3R410 Part number 7SP14R020	
	24 (10+14)	EFL 100-3R410 Part number 7SP14R019	EFL 140-3R410 Part number 7SP14R021	
	26 (10+16)	EFL 100-3R410 Part number 7SP14R019	EFL 160-3R410 Part number 7SP14R022	
	28 (12+16)	EFL 120-3R410 Part number 7SP14R020	EFL 160-3R410 Part number 7SP14R022	
	30 (14+16)	EFL 140-3R410 Part number 7SP14R021	EFL 160-3R410 Part number 7SP14R022	
	32 (16+16)	EFL 160-3R410 Part number 7SP14R022	EFL 160-3R410 Part number 7SP14R022	
	34 (10+10+14)	EFL 100-3R410 Part number 7SP14R019	EFL 100-3R410 Part number 7SP14R019	EFL 140-3R410 Part number 7SP14R021
	36 (10+10+16)	EFL 100-3R410 Part number 7SP14R019	EFL 100-3R410 Part number 7SP14R019	EFL 160-3R410 Part number 7SP14R022
	38 (10+12+16)	EFL 100-3R410 Part number 7SP14R019	EFL 120-3R410 Part number 7SP14R020	EFL 160-3R410 Part number 7SP14R022
	40 (10+14+16)	EFL 100-3R410 Part number 7SP14R019	EFL 140-3R410 Part number 7SP14R021	EFL 160-3R410 Part number 7SP14R022
	42 (10+16+16)	EFL 100-3R410 Part number 7SP14R019	EFL 160-3R410 Part number 7SP14R022	EFL 160-3R410 Part number 7SP14R022
	44 (12+16+16)	EFL 120-3R410 Part number 7SP14R020	EFL 160-3R410 Part number 7SP14R022	EFL 160-3R410 Part number 7SP14R022
	46 (14+16+16)	EFL 140-3R410 Part number 7SP14R021	EFL 160-3R410 Part number 7SP14R022	EFL 160-3R410 Part number 7SP14R022
	48 (16+16+16)	EFL 160-3R410 Part number 7SP14R022	EFL 160-3R410 Part number 7SP14R022	EFL 160-3R410 Part number 7SP14R022