



GRF 98/128 L



GRF 188 L



Set		CSCF 208 LL 5	CSCF 308 LL 5	CSCF 408 LL 5/7
Indoor unit	230/1/50	TAF 98 L 8 Z	TAF 308 L 8 Z	TAF 408 L 8 Z
Outdoor unit	230/1/50 or 400/3N/50	GRF 98 L 5 T	GRF 128 L 5 T	GRF 188 L 5 T GRF 188 L 7 T
Cooling capacity (kW)	HS	1.84	2.61	3.72 / 3.82*
Input power (kW)	HS	0.86	1.16	1.68 / 1.73*
Heating capacity of electric heater (kW)		2 / 3	2 / 3	2 / 3
EER		2.14	2.25	2.21
Internal air flow (m ³ /s-m ³ /h)	HS	0.24 - 860	0.32 - 1 150	0.35 - 1 260
Running current cooling** (A)		5	6.7	10.1 / 4.8*
Refrigerant type		R 410 A	R 410 A	R 410 A
Ø refrigerant connections FLARE	(inches)	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2
External Ø of condensate drain pipe	(mm)	16	16	16
Max. distance between units	(m)	15	20	20
Max. height difference between units	(m)	7	7	15
Sound power	indoors LS/MS/HS	52 / 59 / 64	55 / 60 / 66	57 / 62 / 64
level (dBA)	condenser	57	60	65
Sound pressure	at 2 m indoors LS/MS/HS	44 / 51 / 56	47 / 52 / 58	49 / 54 / 56
level (dBA)	4 m from condenser	37	40	45
Indoor unit dimensions (height x width x depth)	(mm)	600 x 950 x 235	600 x 1140 x 235	600 x 1260 x 235
Outdoor unit dimensions (height x width x depth)	(mm)	540 x 700 x 265	540 x 700 x 265	630 x 830 x 305
Weight I.U. / O.U.	(kg)	37 / 34	42 / 34	45 / 55

*1 phase/ 3 phase - **for heating mode, see the installed heating capacity

The pressure levels here indicated are in compliance with the European standard EN 12102

Nominal conditions

T indoor air 12°C (DB) / 9°C (WB)
T outdoor air 35°C (DB)

OPERATING LIMITS

COOLING maximum	T indoor air 32°C (DB) / 23°C (WB)	minimum	T indoor air 12°C (DB) / 9°C (WB)
	T outdoor air 43°C (DB)		T outdoor air -15°C (DB)



Manual remote control 70250076

Electromechanical thermostat with 3 fan speeds
Manual selection of operating mode (heat/cool)
For units with "2 pipe coil" only or "2 pipe coil + electric heater"
or "4 pipe coil"

Main characteristics

- Supply voltage : 230Vac 50/60 Hz
- Fonctions : On/Off + 3-speed fan selector
Manual selection of operating mode
- Set-point adjustment range : 8/30°C
(possibility of mechanical limitation by jumpers on the knob)
- Permanent or slaved ventilation
- Contact breakers : 2 A inductive
- Differential : 1K maxi
- Electrical connections at screw terminal block
- Operating temperature : 0/+50°C
- Relative humidity < 95%
- Casing insulation : cl II - IP 30
- Colour : white RAL 9003



Automatic remote control K60D025Z

Electronic thermostat with 3 fan speeds
Automatic selection of operating mode (heat/cool)

Main characteristics

- Supply voltage : 230Vac 50/60Hz
- Functions : On/Off + 3-speed fan selector
Supplied with built-in air temperature sensor
Input remote air temperature sensor
(as accessories : uncased sensor for air intake
K60D028Z, or cased sensor K60D033Z)
- Set-point adjustment range : 5/30°C Factory set
to + 17°C/+ 30°C
(possibility of mechanical limitation by jumpers on the knob)
- Contact breakers : 3 A inductive for ventilation
10 A resistive, 6 A inductive for Heat or Cool mode
- Differential
- Neutral zone : adjustable 0,7 to 7,5 K
- Electrical connections at screw terminal block
- Operating temperature : 0/+50°C
- Relative humidity < 95%
- Casing insulation : cl II - IP 30
- Colour : white RAL 9010