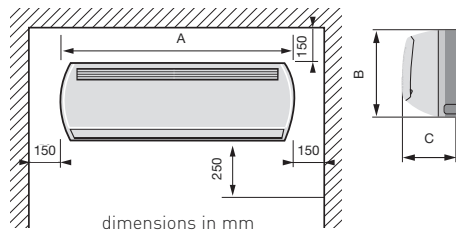


INSTALLATION

INDOOR UNITS

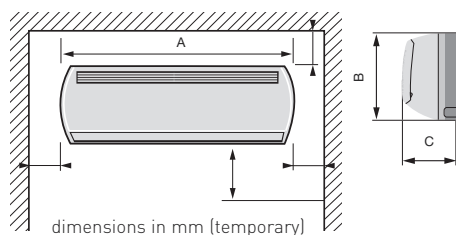
Wall-mounted

MRAF/MPAF - C5T



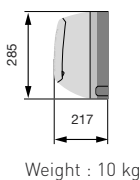
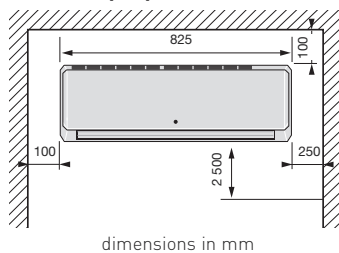
		MRAF 98/128	MPAF 188/228
A	(mm)	805	995
B	(mm)	270	285
C	(mm)	214	240
Weight	(Kg)	8	12

MRAF 98/128 R5I - MTA(8)F (B) R5I

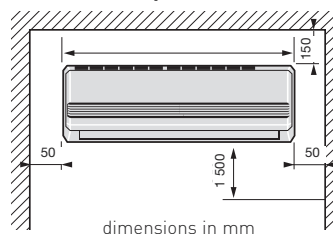


		MRAF 98/128 R5I	MTA(8)F (B) 98/128 R5I
A	(mm)	805	895
B	(mm)	270	305
C	(mm)	214	195
C (Built-in I.U.)	(mm)	-	110
Weight	(Kg)	8	12

MPAFM 78/98/128 R5I



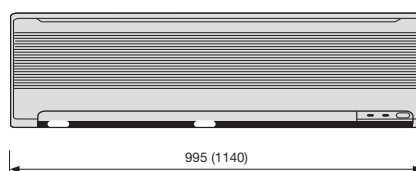
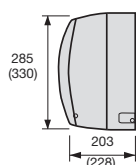
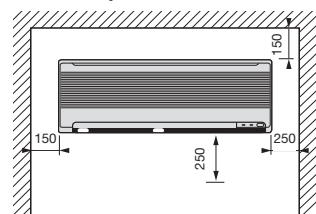
MCAF-MR5I/R5I



		MCAF 98/128 MR5I	MCAF 188/248 R5I
A	(mm)	825	1 065
B	(mm)	285	298
C	(mm)	189	218
Weight	(Kg)	10	12

MAFP 125/165/185/255 R5I

MAFM 185/255 R5I

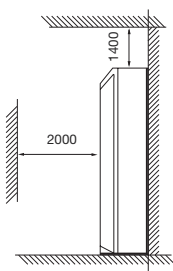
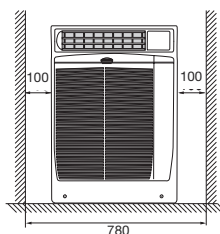


Weight : 14 kg (21 kg)

The values in brackets refer to MAFP/MAFM 255 R5I

Consoles

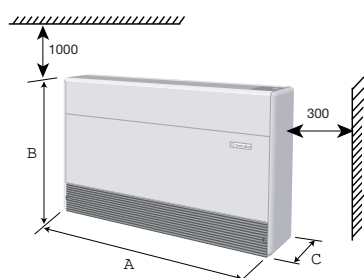
KAF



Weight: 18,6 kg



TAF



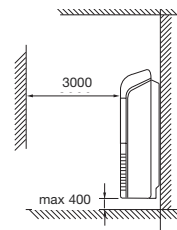
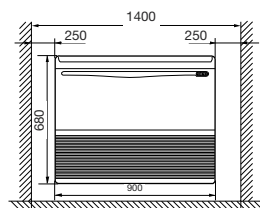
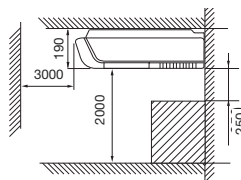
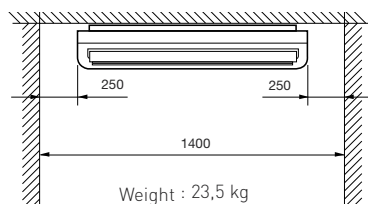
		TAF 208 L	TAF 308 L	TAF 408 L
A	(mm)	950	1 140	1 260
B	(mm)	600	600	600
C	(mm)	235	235	235
Weight	(Kg)	37	42	45

INSTALLATION

INDOOR UNITS

Floor or ceiling

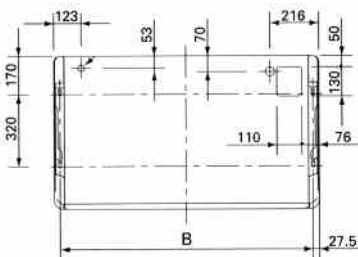
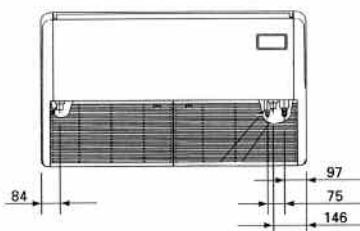
KPAF / KPAFP / KPAFM



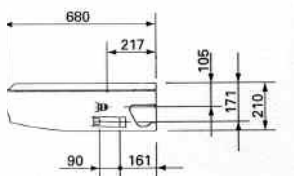
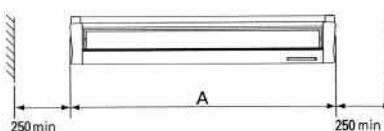
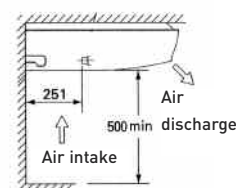
dimensions in mm

Under-ceiling

SPAFP / SPAFM



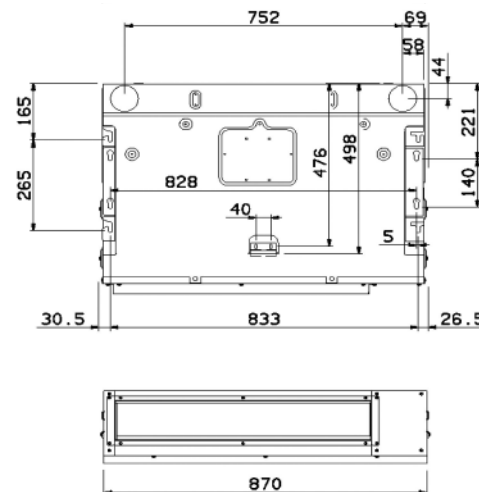
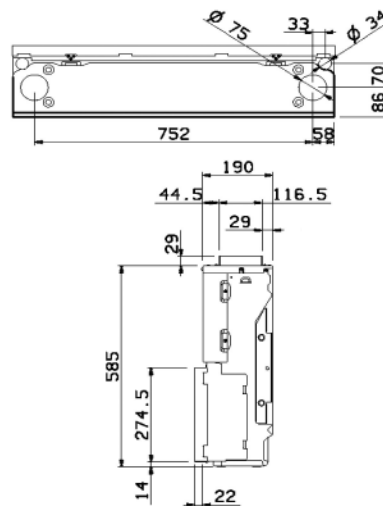
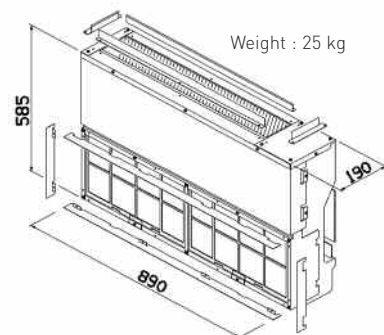
The back of the interior unit can be installed at right angles with the wall



	A (mm)	B (mm)	Weight (kg)
SPAFP/SPAFM 255	1 180	1 125	25
SPAFP/SPAFM 365/485	1 595	1 540	33/35

Extra-slim ducted

SDAFM

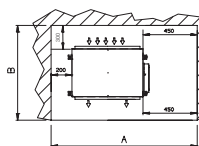
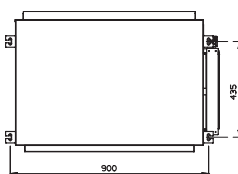
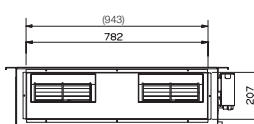
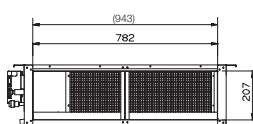


Ductable

DSAF / DSAFP / DSAFM 75to 225

Pump lift above unit : 250 mm

	A (mm)	B (mm)	Weight (kg)
DSAF 97/127 - 98/128 MR5I	1 500	1 100	30
DSAF 187/247 R5I	1 700	1 100	35
DSAFP 125 - DSAFM 75/95/125			
DSAFP 165/185 - DSAFM 165/185/225			



The values in brackets refer to 184/185/224/225

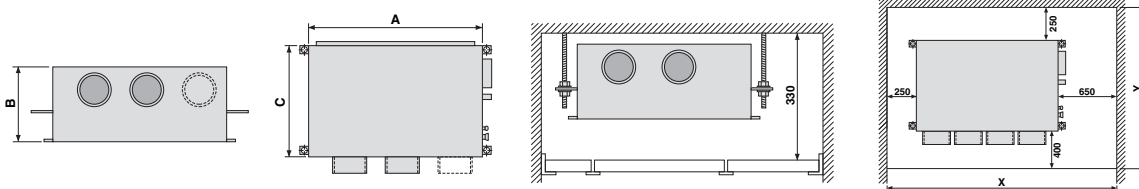
INSTALLATION

Ductable

DSAFP / DSAFM 255 to 485

Pump lift above unit : 200 mm

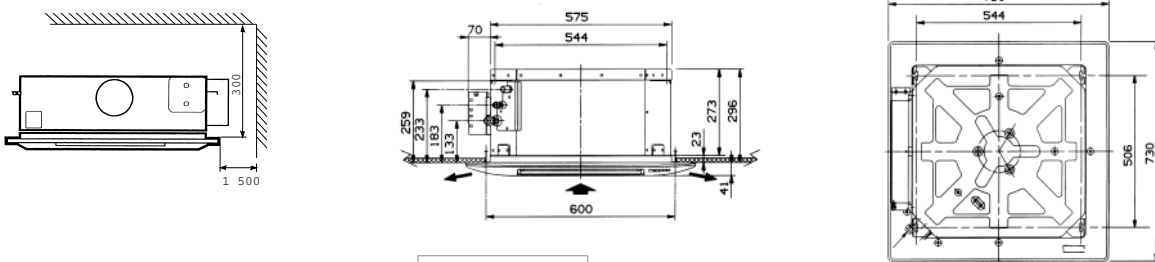
	A (mm)	B (mm)	C (mm)	X (mm)	Y (mm)	Weight (kg)
DSAFP/DSAFM 255	1 150	310	665	1 950	1 315	32
DSAFP/DSAFM 365/485	1 480	310	665	2 380	1 315	47



Cassettes

CAF / CAFP / CAFM 75 to 185

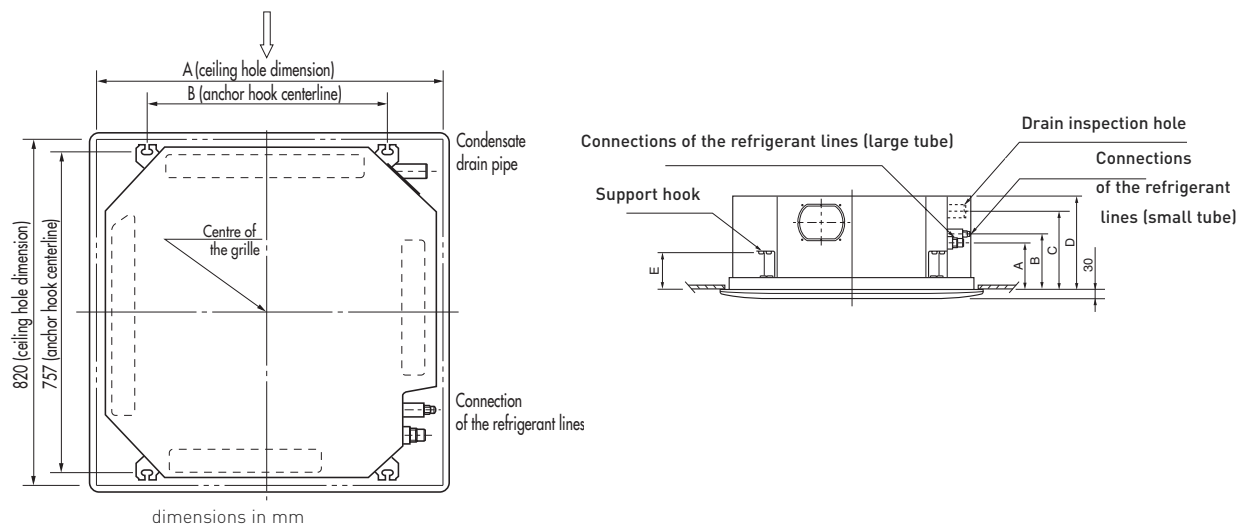
Pump lift above unit : 250 mm



	Weight (kg)
CAF 97/127 - 98/128 MR5I- CAFP 125 - CAFM 75/165	16,5 + 2,5
CAF 187 - CAFP/CAFM 165/185	18 + 2,5

CAFP - CAFM 255/365/485

Pump lift above unit : 200 mm



	A (mm)	B (mm)
CAFP / CAFM 255	820	566
CAFP / CAFM 365-485	1 110	856

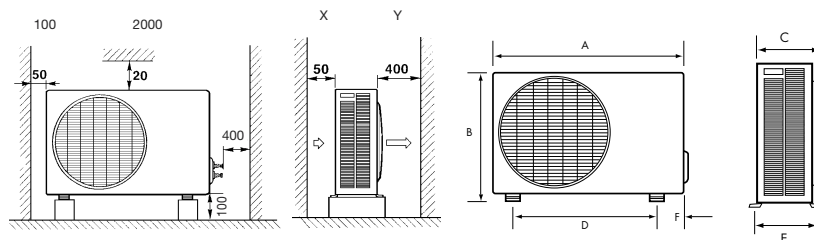
	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (kg)
CAFP / CAFM 255	157	182	261	308	124	28
CAFP / CAFM 365-485	157	182	291	338	124	35

INSTALLATION

OUTDOOR UNITS

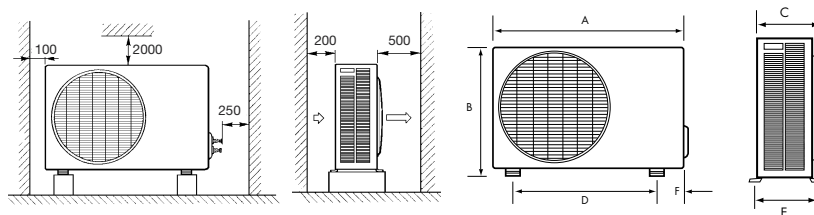
GRF-R / GRFP-R : if necessary, add a condensate drain pan under the unit.

GRF



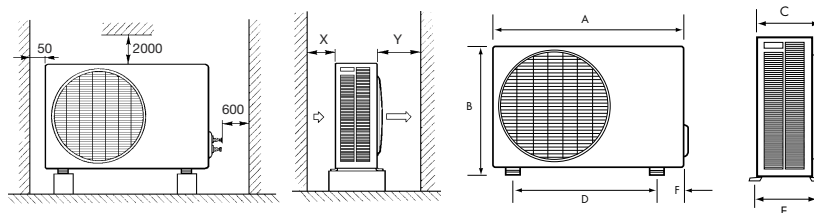
	A (mm)	B(mm)	C (mm)	D(mm)	E (mm)	F (mm)	X (mm)	Y (mm)	Weight (kg)
GRF 98 L/R5T	700	540	265	470	294	116	100	500	34
GRF 128 L/R5T	700	540	265	470	294	116	100	500	34
GRF 188 L/R - 5T 7T	830	630	305	538	307	146	100	500	55
GRF 228 L/R - 5T 7T	940	735	340	660	380	110	100	500	71
GRF 98/128 - R5I	700	540	265	470	294	116	100	400	35
GR8F 98/128 - R5I	830	630	305				100	500	39/40

GRF 97/127/186/246 R5I - GRF 198/248/318 MR5I



	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
GRF 97/127 R5I	720	548	265	538	290	91	29/30
GRF 186 R5I	880	670	285	608	310	136	44
GRF 246 R5I	900	740	320	608	345	136	59
GRF 198/248 MR	900	740	320	608	345	136	65
GRF 318 MR	900	890	320	608	345	136	82

GRF



	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	X (mm)	Y (mm)	Weight (kg)
GRFP 255 R5I	940	780	340	660	380	110	100	500	58
GRFP 365 R5I	940	780	340	660	380	110	200	500	65
GRFP 485 R5I	940	1 230	340	660	380	110	200	500	100
GRF 258 L 7T	940	735	340						69
GRF 368/488 L 7T	940	1 235	340						104/106

CONNECTING INFORMATION

Models	Refrigerant and condensate connections							Electrical connections						
	Liquid pipe (inches)	Gas pipe (inches)	Max length between units with standard charge (m)	Max length between units with addition of refrigerant (m)	Max height between units (m)	Addition of refrigerant (g/m)	Condensate lines diameter (mm)	Power supply Indoor unit	Power supply outdoor unit	Main power cable indoor unit (mm ²)*	Main power cable outdoor unit (mm ²)*	liaison int. / ext.		Circuit breaker indoor/outdoor (A)
												capacity (mm ²)*	remote control (mm ²)*	
Wall-mounted Inverter														
TECHNO"8" 98 R5	1/4	3/8	7,5	15	7	15	18	230/1/50	230/1/50					
TECHNO"8" 128 R5	1/4	3/8	7,5	15	7	15	18	230/1/50	230/1/50					
TECHNO 98 R5	1/4	3/8	7,5	15	7	15	18	230/1/50	230/1/50					
TECHNO 128 R5	1/4	3/8	7,5	15	7	15	18	230/1/50	230/1/50					
CSMRFI 98 R5	1/4	3/8	7,5	15	7	15	18	230/1/50	230/1/50					
CSMRFI 128 R5	1/4	3/8	7,5	15	7	15	18	230/1/50	230/1/50					
CSMFI 188 R5	1/4	1/2	10	30	15	25	18	230/1/50	230/1/50		3G2,5	4G2,5		20
CSMFI 248 R5	1/4	5/8	10	30	15	25	18	230/1/50	230/1/50		3G2,5	3G2,5		20
CSMFI 255 R5	3/8	5/8	30	50	50/30**	40	26	230/1/50	230/1/50	3G2,5	3G4		2*0,75	10/30
Console - Floor/ceiling Inverter														
SKFI 97 R5	1/4	3/8	7,5	15	7	15	18	230/1/50	230/1/50	3G2		4G2		10
SKPFI 127 R5	1/4	3/8	7,5	20	7	25	18	230/1/50	230/1/50	3G2		4G2		10
SKPFI 187 R5	1/4	1/2	7,5	30	15	25	18	230/1/50	230/1/50		3G2,5	4G2,5		20
SKPFI 247 R5	1/4	5/8	7,5	30	15	25	18	230/1/50	230/1/50		3G2,5	4G2,5		20
Under-ceiling Inverter														
SPFI 255 R5	3/8	5/8	30	50	50/30**	40	26	230/1/50	230/1/50	3G2,5	3G4		2*0,75	10/25
SPFI 365 R5	3/8	5/8	30	50	50/30**	40	26	230/1/50	230/1/50	3G2,5	3G4		2*0,75	10/25
SPFI 485 R5	3/8	5/8	30	50	50/30**	40	26	230/1/50	230/1/50	3G2,5	3G6		2*0,75	10/35
Cassettes Inverter														
CSKFI 97 R5	1/4	3/8	7,5	10	7	15	18	230/1/50	230/1/50	3G2		4G2		10
CSKFI 127 R5	1/4	3/8	7,5	10	7	15	18	230/1/50	230/1/50	3G2		4G2		10
CSKFI 187 R5	1/4	1/2	10	30	15	25	18	230/1/50	230/1/50		3G2,5	4G2,5		20
CSKFI 255 R5	3/8	5/8	30	50	50/30**	40	32	230/1/50	230/1/50	3G2,5	3G4		2*0,75	10/25
CSKFI 365 R5	3/8	5/8	30	50	50/30**	40	32	230/1/50	230/1/50	3G2,5	3G4		2*0,75	10/25
CSKFI 485R5	3/8	5/8	30	50	50/30**	40	32	230/1/50	230/1/50	3G2,5	3G6		2*0,75	10/35
Ductable Inverter														
DSFI 97 R5	1/4	3/8	7,5	10	7	15	18	230/1/50	230/1/50	3G2		4G2		10
DSFI 127 R5	1/4	3/8	7,5	10	7	15	18	230/1/50	230/1/50	3G2		4G2		10
DSFI 187 R5	1/4	1/2	10	30	15	25	18	230/1/50	230/1/50		3G2,5	4G2,5		20
DSFI 247 R5	1/4	5/8	10	30	15	25	18	230/1/50	230/1/50		3G2,5	4G2,5		20
DSFI 255 R5	3/8	5/8	30	50	50/30**	40	32	230/1/50	230/1/50	3G2,5	3G4		2*0,75	10/25
DSFI 365 R5	3/8	5/8	30	50	50/30**	40	32	230/1/50	230/1/50	3G2,5	3G4		2*0,75	10/25
DSFI 485 R5	3/8	5/8	30	50	50/30**	40	32	230/1/50	230/1/50	3G2,5	3G6		2*0,75	10/35

* The sections are given as an indication only. They must be checked and adapted to suit the installation conditions according to existing standards.

** 50 m when outdoor unit is installed top / 30 m when outdoor unit is installed bottom.

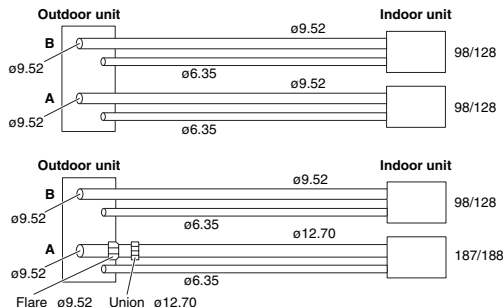
CONNECTING INFORMATION

Models	Refrigerant and condensate connections							Electrical connections						
	Liquid pipe (inches)	Gas pipe (inches)	Max length between units with standard charge (m)	Max length between units with addition of refrigerant (m)	Max height between units (m)	Addition of refrigerant (g/m)	Condensate lines diameter (mm)	Power supply Indoor unit	Power supply outdoor unit	Main power cable indoor unit (mm ²)*	Main power cable outdoor unit (mm ²)*	liaison int. / ext.		Circuit breaker indoor/outdoor (A)
												capacity (mm ²)*	remote control (mm ²)*	
Wall-mounted ON/OFF														
CSMRF 98 L5T	1/4	3/8	7,5	15	7	20	18	230/1/50	230/1/50	3G1,5		4G1,5		10
CSMRF 128 L5T	1/4	1/2	7,5	15	7	20	18	230/1/50	230/1/50	3G1,5		4G1,5		10
CSMPF 188 L5T	1/4	1/2	10	20	15	20	18	230/1/50	230/1/50		3G2,5	4G1,5		20
CSMPF 188 L7T	1/4	1/2	10	20	15	20	18	230/1/50	400/3N/50		5G2,5	4G1,5		10
CSMPF 228 L7T	1/4	5/8	12,5	30	15	25	18	230/1/50	400/3N/50		5G2,5	4G1,5		10
Outdoor low ambient temperature														
CSCF 208 LL5	1/4	3/8	7,5	15	7	20	16	230/1/50	230/1/50	3G2,5				
CSCF 308 LL5	1/4	1/2	7,5	20	7	20	16	230/1/50	230/1/50	3G2,5				
CSCF 408 LL5	1/4	1/2	10	20	15	20	16	230/1/50	230/1/50	3G2,5				
CSCF 408 LL7	1/4	1/2	10	20	15	20	16	230/1/50	400/3N/50	5G2,5				
Console - Floor/ceiling ON/OFF														
SKPF 128 L5T	1/4	1/2	7,5	15	7	20	18	230/1/50	230/1/50	3G1,5		4G1,5		10
SKPF 188 L5T	1/4	1/2	10	20	15	20	18	230/1/50	230/1/50		3G2,5	4G1,5		20
SKPF 188 L7T	1/4	1/2	10	20	15	20	18	230/1/50	400/3N/50		5G2,5	4G1,5		10
SKPF 228 L7T	1/4	5/8	12,5	30	15	25	18	230/1/50	400/3N/50		5G2,5	4G1,5		10
Cassettes ON / OFF														
CSKF 258 L7T	1/4	5/8	7,5	30	15	25	32	230/1/50	400/3N/50					
CSKF 368 L7T	3/8	3/4	7,5	40	25	55	32	230/1/50	400/3N/50					
CSKF 488 L7T	3/8	3/4	7,5	40	25	55	32	230/1/50	400/3N/50					

* The sections are given as an indication only. They must be checked and adapted to suit the installation conditions according to existing standards.

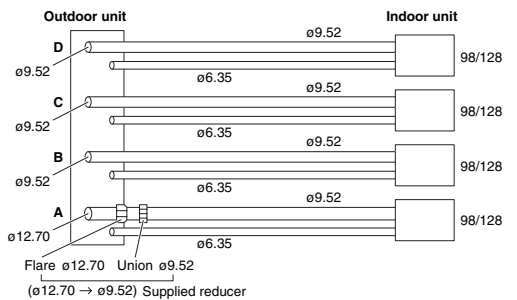
DC INVERTER MULTISPLITS CONNECTING INFORMATION

BI-SPLIT

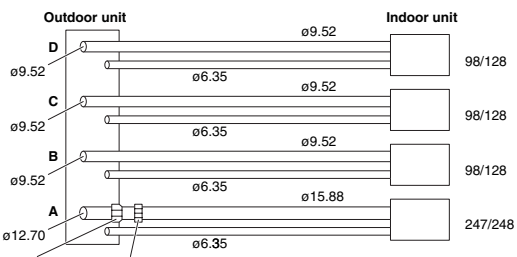
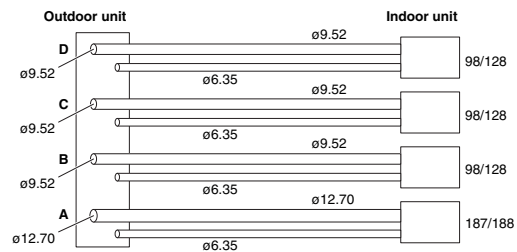


Flare $\phi 9.52$ Union $\phi 12.70$
A joint for connecting tubes
of different sizes
($\phi 9.52 \rightarrow \phi 12.70$) Supplied reducer

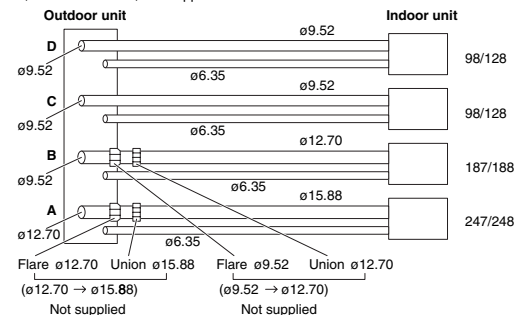
TRI-SPLIT



Flare $\phi 12.70$ Union $\phi 9.52$
($\phi 12.70 \rightarrow \phi 9.52$) Supplied reducer

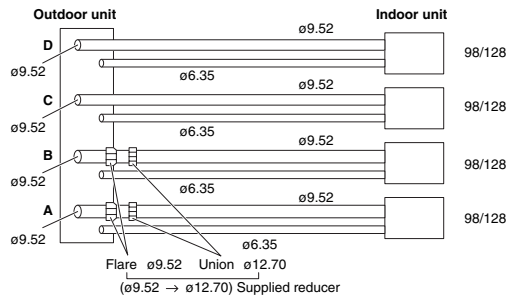


Flare $\phi 12.70$ Union $\phi 15.88$
($\phi 12.70 \rightarrow \phi 15.88$) Not supplied

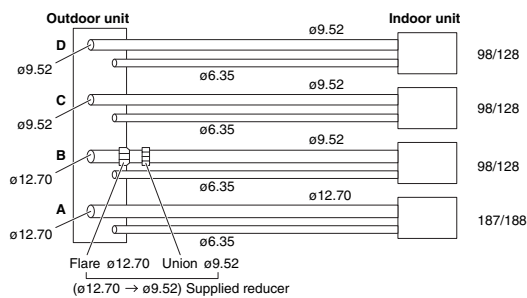


Flare $\phi 12.70$ Union $\phi 15.88$ Flare $\phi 9.52$ Union $\phi 12.70$
($\phi 12.70 \rightarrow \phi 15.88$) Not supplied ($\phi 9.52 \rightarrow \phi 12.70$) Not supplied

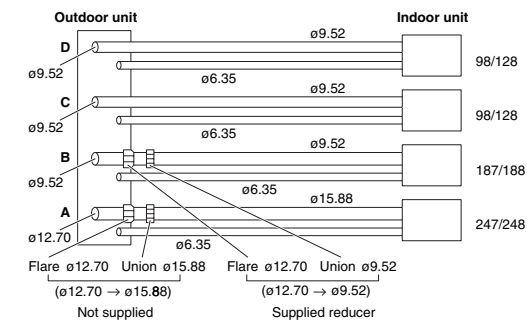
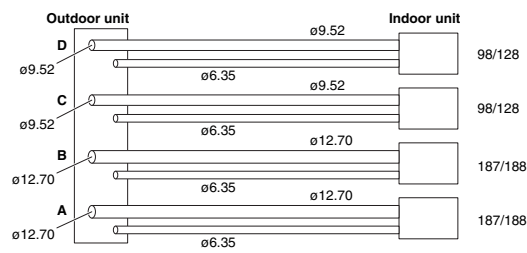
QUADRI-SPLIT



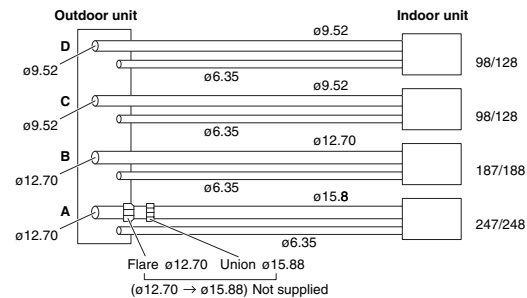
Flare $\phi 9.52$ Union $\phi 12.70$
($\phi 9.52 \rightarrow \phi 12.70$) Supplied reducer



Flare $\phi 12.70$ Union $\phi 9.52$
($\phi 12.70 \rightarrow \phi 9.52$) Supplied reducer



Flare $\phi 12.70$ Union $\phi 15.88$ Flare $\phi 12.70$ Union $\phi 9.52$
($\phi 12.70 \rightarrow \phi 15.88$) Not supplied ($\phi 12.70 \rightarrow \phi 9.52$) Supplied reducer



Flare $\phi 12.70$ Union $\phi 15.88$
($\phi 12.70 \rightarrow \phi 15.88$) Not supplied

Note : Trial outdoor unit allows up to 4 indoor units to be connected. However, only three indoor units can operate simultaneously