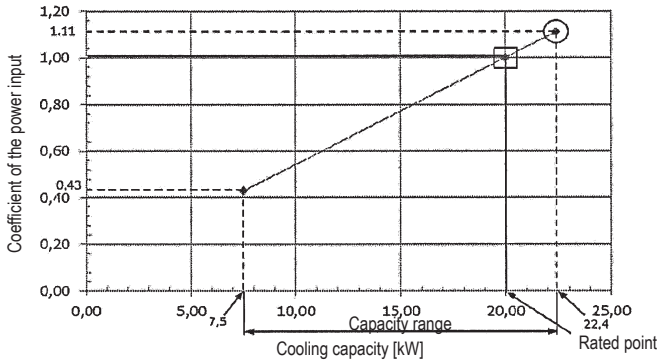


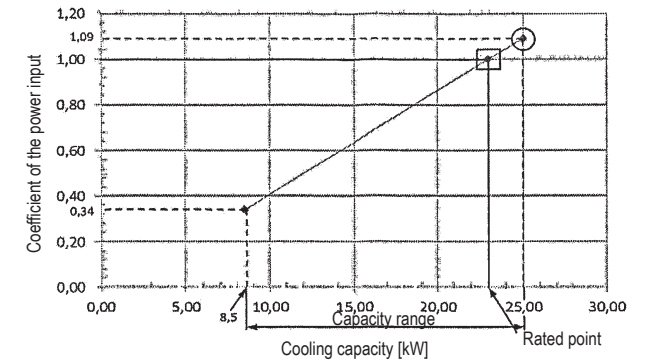
RZQ200C

Cooling



Indoor	Outdoor temperature [°C DB]											
	25			30			35			40		
°CWB	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI
16	22.20	17.00	0.82	19.40	16.30	0.90	18.60	15.50	0.98	17.70	14.80	1.06
18	21.30	17.10	0.83	20.40	16.40	0.91	19.50	15.70	0.99	18.60	14.90	1.07
19	21.80	17.10	0.84	20.90	16.40	0.92	20.00	15.60	1.00	19.10	14.90	1.08
20	22.30	17.10	0.84	21.40	16.40	0.92	20.50	15.60	1.01	19.60	14.90	1.09
22	23.40	17.00	0.85	22.40	16.30	0.94	21.40	15.60	1.02	20.50	14.90	1.10
24	24.40	16.80	0.86	23.40	16.10	0.95	22.40	15.40	1.03	21.40	14.70	1.12

Heating



Indoor	Outdoor temperature [°C DB]											
	-15			-10			-5			0		
°CWB	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI
16	10.80	0.83	12.20	0.87	13.90	0.91	15.50	0.96	23.30	0.97	25.40	1.01
18	10.80	0.84	12.20	0.88	13.80	0.93	15.40	0.97	23.20	0.98	25.30	1.03
20	10.70	0.85	12.10	0.90	13.70	0.94	15.30	0.99	23.00	1.00	25.10	1.04
22	10.60	0.87	12.00	0.91	13.60	0.96	15.20	1.01	22.80	1.02	24.90	1.06
24	10.50	0.88	11.90	0.93	13.50	0.98	15.10	1.02	22.70	1.03	24.70	1.08

NOTES

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. = Maximum at standard conditions
 = Rated capacity and rated coefficient of the power input. The maximum capacity is not guaranteed except at standard conditions.
3. SHC is based on indoor EWB & EDB.
SHC for other dry-bulb temperatures EWB + SHC*.
SHC* = SHC correction for other dry-bulb. temperatures = 0.02 x AFR (m³/min) x (1-BF) x (DB*-EDB).
4. The capacities are based on the following conditions:
Outdoor air: 85% RH
However, the outdoor ambient condition of the rated capacity during heating operation is 7°C DB / 6°C WB.
Corresponding refrigerant piping length: 5.0 m
Level difference: 0 m
5. CPI is a percentage value compared to the rated value which is 1.00.
6. The error rate for this value is less than 5% and depends on the indoor unit type.
7. The heating performance takes into account the drop that occurs during defrost operation.
8. The air flow rate and bypass factor are mentioned in the table.

Pair	FDQ200
AFR (BF)	69 (0.31)

Twin	FBQ100C x 2	FBQ100D x 2
		FBA100A x 2
AFR (BF)	32.3 x 2 (0.13 x 2)	29 x 2 (0.03 x 2)

Triple	FFQ60C x 3	FBQ60C x 3	FBQ71C x 3	FBQ60D x 3	FBQ71D x 3	FDXS60F x 3	FNQ60A x 3
	FFA60A x 3			FBA60A x 3	FBA71A x 3	FDXM60F3 x 3	FNA60A x 3
AFR (BF)	14.5 x 3 (0.11 x 3)	18 x 3 (0.15 x 3)	18 x 3 (0.08 x 3)	18 x 3 (0.15 x 3)	18 x 3 (0.13 x 3)	16 x 3 (0.12 x 3)	16 x 3 (0.12 x 3)

Double twin	FFQ50C x 4	FBQ50C x 4	FBQ50D x 4	FDXS50F9 x 4	FNQ50A x 4
	FFA50A x 4		FBA50A x 4	FDXM50F3 x 4	FNA50A x 4
AFR (BF)	12.7 x 4 (0.16 x 4)	16 x 4 (0.16 x 4)	15 x 4 (0.13 x 4)	16 x 4 (0.11 x 4)	16 x 4 (0.11 x 4)

9. The rated power input for each model is mentioned in the table below.

Pair	FDQ200
Cooling	6.23
Heating	6.74

Twin	FBQ100C x 2	FBQ100D x 2
		FBA100A x 2
Cooling	5.99	5.99
Heating	5.72	5.72

Triple	FFQ60C x 3	FBQ60C x 3	FBQ71C x 3	FBQ60D x 3	FBQ71D x 3	FDXS60F x 3	FNQ60A x 3
	FFA60A x 3			FBA60A x 3	FBA71A x 3	FDXM60F3 x 3	FNA60A x 3
Cooling	6.46	6.31	6.31	6.31	6.31	6.93	6.93
Heating	6.26	6.05	6.05	6.05	6.05	6.62	6.62

Double twin	FFQ50C x 4	FBQ50C x 4	FBQ50D x 4	FDXS50F9 x 4	FNQ50A x 4
	FFA50A x 4		FBA50A x 4	FDXM50F3 x 4	FNA50A x 4
Cooling	5.87	6.31	6.31	6.09	6.09
Heating	6.08	6.05	6.05	5.90	5.90

10. Editable data for this drawing are available in the GDE (E-BOM) system.

SYMBOLS

AFR	: Air flow rate	[m³/min]	SHC	: Sensible heat capacity	[MBh]
BF	: Bypass factor		CPI	: Coefficient of the power input	
EWB	: Entering wet-bulb temperature	(°C WB)	PI	: Power Input	[kW]
EDB	: Entering dry-bulb temperature	(°C DB)		compressor + indoor and outdoor fan motors	
TC	: Maximum total cooling/heating capacity	[kW]			