TECHNICAL DATA - UNDER / OVER version

Air supply (1)		U / O	U / O	U / O	U / O	U / O	U / O	U / O
MODEL		**035**	**038**	**042**	**047**	**048**	**054**	**061**
FRAME		**M**	**M**	**M**	**M**	**L**	**L**	**L**
COOLING CAPACITY (2)								
Total	[kW]	34,6	38,4	42,3	48,0	48,1	54,3	61,6
Sensible	[kW]	34,6	38,4	42,3	48,0	48,1	54,3	61,6
SHR (3)		1	1	1	1	1	1	1
Total power input (Comp. + Fans.)	[kW]	8,13	9,30	10,70	12,70	10,50	12,30	14,60
"EC" SUPPLY FANS	[n]	1	1	1	1	2	2	2
Air flow	[m³/h]	8000	9000	10000	11000	13000	14000	16000
Nominal external static pressure	[Pa]	20	20	20	20	20	20	20
Power input (4)	[kW]	0,78	1,04	1,40	1,84	1,58	1,87	2,69
COMPRESSOR		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
BLDC compressor	[n]	0	0	0	0	0	0	0
ON/OFF compressor	[n]	1	1	1	1	1	1	2
Cooling capacity control		ON/OFF	ON/OFF	ON/OFF	ON/OFF	ON/OFF	ON/OFF	ON/OFF
Compressor power input	[kW]	7,35	8,26	9,28	10,90	8,95	11,90	14,10
AIR FILTERS	[n]	2	2	2	2	2	2	2
Efficiency (ISO EN 16890)	COARSE	60%	60%	60%	60%	60%	60%	60%
GAS circuits	[n]	1	1	1	1	1	1	1
POWER SUPPLY	V/Ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
ENERGY EFFICIENCY INDEX (2)								
EER - Energy Efficiency Ratio (5)	[kW/kW]	4,26	4,13	3,95	3,78	4,58	4,41	4,22
DIMENSIONS								
Length	[mm]	1142	1142	1142	1142	1600	1600	1600
Width	[mm]	885	885	885	885	885	885	885
Height	[mm]	1980	1980	1980	1980	1980	1980	1980
NET WEIGHT Over	[kg]	370	384	386	388	485	486	520
NET WEIGHT Under	[kg]	378	392	395	396	502	503	537
REFRIGERANT CONNECTIONS								
Gas supply	[mm Ø]	18	18	22	22	22	22	28
Liquid return	[mm Ø]	16	16	18	18	18	18	18
HYDRAULIC CONNECTIONS								
CONDENSATE DISCHARGE								
Rubber pipe – internal diameter	[mm Ø]	19	19	19	19	19	19	19

THE COOLING CAPACITY DOES NOT CONSIDER THE SUPPLY FAN MOTOR THERMAL LOAD

1. U = Under, Downflof / O = Over, Upflow
2. Gross value. Parameters referred to entering air at 30°C - 35% RH; condensing temperature 45°C; ESP=20Pa.
3. SHR = Sensible cooling capacity / Total cooling capacity
4. Corresponding to the nominal external static pressure.
5. The Energy Efficiency Index does not consider the remote air-cooled condenser.

The units highlighted in this publication contain <HFC R410A [GWP100 2088]> fluorinated greenhouse gas.

NOTE:
Below 30% of cooling capacity, the inverter compressor enters the "cycling" area in which the compressor operates with ON / OFF cycles below the minimum modulation frequency (operation only for short periods).
SELECT THE UNIT IN THE MODULATION FIELD.

Air supply (1)		U / O	U / O	U / O	U / O	U / O	U / O	U / O
MODEL		**070**	**075**	**076**	**085**	**098**	**125**	**136**
FRAME		**L**	**L**	**XL**	**XL**	**XL**	**XL**	**XL**
COOLING CAPACITY (2)								
Total	[kW]	68,9	74,7	76,1	85,5	98,7	126	137
Sensible	[kW]	68,9	74,7	76,1	85,5	98,7	126	137
SHR (3)		1	1	1	1	1	1	1
Total power input (Comp. + Fans.)	[kW	17,3	19,7	17,5	20,5	24,8	34,2	37,9
"EC" SUPPLY FANS	[n]	2	2	3	3	3	3	3
Air flow	[m^3/h]	17000	18000	17000	20000	23000	27000	27000
Nominal external static pressure	[Pa]	20	20	20	20	20	20	20
Power input (4)	[kW]	3,24	3,84	1,63	2,51	3,81	6,07	6,16
COMPRESSOR		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
BLDC compressor	[n]	0	0	0	0	0	0	0
ON/OFF compressor	[n]	2	2	2	2	2	4	4
Cooling capacity control		ON/OFF	ON/OFF	ON/OFF	ON/OFF	ON/OFF	ON/OFF	ON/OFF
Compressor power input	[kW]	14,1	15,8	15,9	18,0	21,0	28,2	31,7
AIR FILTERS	[n]	2	2	2	2	2	2	2
Efficiency (ISO EN 16890)	COARSE	60%	60%	60%	60%	60%	60%	60%
GAS circuits	[n]	1	1	1	1	1	2	2
POWER SUPPLY	V/Ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
ENERGY EFFICIENCY INDEX (2)								
EER - Energy Efficiency Ratio (5)	[kW/kW]	3,98	3,79	4,35	4,17	3,98	3,68	3,61
DIMENSIONS								
Length	[mm]	1600	1600	2550	2550	2550	2550	2550
Width	[mm]	885	885	885	885	885	885	885
Height	[mm]	1980	1980	1980	1980	1980	1980	1980
NET WEIGHT Over	[kg]	520	545	829	834	836	943	998
NET WEIGHT Under	[kg]	537	561	870	875	877	984	1039
REFRIGERANT CONNECTIONS								
gas supply	[mm Ø]	28	28	2 x 18	2 x 22	2 x 22	2 x 28	2 x 28
Liquid return	[mm Ø]	18	18	2 x 16	2 x 18	2 x 18	2 x 18	2 x 18
HYDRAULIC CONNECTIONS								
CONDENSATE DISCHARGE								
Rubber pipe – internal diameter	[mm Ø]	19	19	19	19	19	19	19

THE COOLING CAPACITY DOES NOT CONSIDER THE SUPPLY FAN MOTOR THERMAL LOAD

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