

# Technical specifications.

## MULTI-TEMPERATURE MODELS

		V-800 MAX SPECTRUM								V-1000 SPECTRUM									
<b>EVAPORATOR</b>		<b>ES400 MAX+ ES400 MAX</b>		<b>ES600MAX+ ES150 MAX</b>		<b>ES600 MAX+ 2x ES150 MAX</b>				<b>ES600 MAX + ES600 MAX</b>		<b>ES600 MAX + ES150 MAX</b>		<b>ES600 MAX + 2XES150 MAX</b>		<b>ES800 MAX + ES300 MAX</b>			
<b>REFRIGERATION CAPACITY: AT 30°C AMBIENT</b>																			
RETURN AIR TO EVAPORATOR	°C	-20°C		-20°C		-20°C		-20°C		-20 °C		-20 °C		-20 °C		-20 °C			
CAPACITY ON ENGINE POWER	W	4140		3900		4070				5230		4620		5040		4840			
CAPACITY ON ELECTRICAL STAND	W	3520		3380		3370				4700		4450		4620		4620			
<b>REFRIGERATION CAPACITY: INDIVIDUAL COOLING CAPACITY</b>																			
<b>EVAPORATOR</b>		<b>ES400 MAX</b>		<b>ES600 MAX</b>		<b>ES150 MAX</b>		<b>2 X ES150 MAX</b>		<b>ES600 MAX</b>		<b>ES150 MAX</b>		<b>2 x ES150 MAX</b>		<b>ES800 MAX</b>		<b>ES300 MAX</b>	
RETURN AIR TO EVAPORATOR		0°C	-20°C	0°C	-20°C	0°C	-20°C	0°C	-20°C	0°C	-20 °C	0°C	-20 °C	0°C	-20 °C	0°C	-20 °C	0°C	-20 °C
CAPACITY ON ENGINE POWER	W	6060	3230	6320	3060	3500	1930	5640	2995	8510	4370	4000	2300	5760	3130	8390	4660	4600	2330
CAPACITY ON ELECTRICAL STAND	W	5670	3090	6120	3050	3580	1950	5045	2705	8100	4050	3980	2040	5830	3030	8130	4200	4590	2170
<b>HEATING CAPACITY</b>																			
ON THE ROAD	W			4500								5000							
ELECTRICSTANDBY OPERATION	W			4000								5000							
<b>AIRFLOW</b>																			
		<b>ES400 MAX + ES400 MAX</b>		<b>ES600 MAX + ES150 MAX</b>		<b>ES600 MAX + 2XES150 MAX</b>				<b>ES600 MAX + ES600 MAX</b>		<b>ES600 MAX + ES150 MAX</b>		<b>ES600 MAX + 2 x ES150 MAX</b>		<b>ES800 MAX + ES300 MAX</b>			
ON HIGH SPEED ENGINE OPERATION	M <sup>3</sup> /H	1760x2		2260+890		2260+(2x890)				2491 x 2		2491 + 1396		2491 + (2 x 1396)		2730 + 1643			
<b>WEIGHT</b>																			
CONDENSER W/O ELECTRIC STANDBY	KG			100										96					
CONDENSER WITH ELECTRIC STANDBY	KG			160										205					
EVAPORATOR ES600 MAX	KG			28										35					
EVAPORATOR ES400 MAX	KG			20										28					
EVAPORATOR 2 X ES150 MAX	KG			25										25					
EVAPORATOR ES150 MAX	KG			12.5										18					
SWASH PLATE COMPRESSOR	KG			8.5										12.5					
<b>COMPRESSOR</b>																			
MODEL				QP21										QP25					
DISPLACEMENT	CC			215										250					
NUMBER OF CYLINDERS				10										10					
<b>ELECTRIC STANDBY MOTOR</b>																			
VOLTAGE/PHASE/FREQUENCY				400/3/50 - 230/3/50 - 400/3/60 - 230/3/60										400/3/50 - 230/3/50 - 400/3/60 - 230/3/60					
RATING	KW			8.2 (400/3/50)										8.8					
<b>REFRIGERANT CHARGE</b>																			
<b>EVAPORATOR</b>		<b>ES400 MAX + ES400 MAX</b>		<b>ES600 MAX + ES150 MAX</b>		<b>ES600 MAX + 2XES150 MAX</b>				<b>ES600 MAX + ES600 MAX</b>		<b>ES600 MAX + ES150 MAX</b>		<b>ES600 MAX + 2 x ES150 MAX</b>		<b>ES800 MAX + ES300 MAX</b>			
REFRIGERANT				R-404A/R-452A								R-404A / R452A							
CHARGE	KG	5.2		5.0		5.15						30: 5.9 / 50: 6.2							
<b>GENERIC</b>																			
CONTROLLER				DSR III										DSR III					
<b>DEFROST</b>																			
DEFROST				AUTOMATIC HOT GAS DEFROST										AUTOMATIC HOT GAS DEFROST					

# Technical specifications.



## SINGLE TEMPERATURE MODELS

		V-800	V-800 MAX 10/20	V-800 MAX 30/50	V-1000	V-1000 MAX 10/20	V-1000 MAX 30/50	
EVAPORATOR		ES800	ES800	ES800	ES1000	ES1000	ES1000	
<b>REFRIGERATION CAPACITY: AT 30 °C AMBIENT</b>								
RETURN AIR TO EVAPORATOR	°C	0 °C -20 °C	0 °C -20 °C	0 °C -20 °C	0 °C -20 °C	0 °C -20 °C	0 °C -20 °C	
CAPACITY ON ENGINE POWER 2400 RPM (R-452A)	W	5680	- 7940	4050 7950	4190 6460	- 10060	5050 9970	4810
CAPACITY ON ELECTRIC STANDBY 400V/3PH/50HZ (R-452A)	W	5030	- 7130	3690 6860	3610 6020	- 9310	4650 9400	4490
<b>HEATING CAPACITY: AT -18 °C AMBIENT/2400 RPM</b>								
ON THE ROAD SWASH PLATE COMPRESSOR	W	-	-	3600	-	-	8000	-
ELECTRIC STANDBY OPERATION	W	-	-	3120	-	-	8000	-
<b>AIRFLOW</b>								
AIRFLOW VOLUME @ 0 PA STATIC PRESSURE	M <sup>3</sup> /H	2680			3537			
<b>WEIGHT</b>								
CONDENSER W/O ELECTRIC STANDBY	KG	96	96	111	96	96	111	
CONDENSER WITH ELECTRIC STANDBY	KG	205	205	220	205	205	220	
EVAPORATOR	KG	35			50			
<b>COMPRESSOR</b>								
MODEL		QP21			QP25			
DISPLACEMENT	CC	215			250			
NUMBER OF CYLINDERS		10			10			
<b>ELECTRIC STANDBY MOTOR</b>								
VOLTAGE/PHASE/FREQUENCY		400/3/50 380/3/60 230/3/50 230/3/60			400/3/50 230/3/50 400/3/60 230/3/60			
RATING	KW	8.2 (400/3/50)			8.8 (400/3/50)			
<b>REFRIGERANT</b>								
REFRIGERANT		R-134A	R-404A/ R-452A		R-134A	R-404A/R-452A		
CHARGE	KG	10: 4.55 20: 4.85	10/30: 4.7 20/50: 5		10: 5.4 20: 5.7	10: 5.9 20: 6.2	30: 5.9 50: 6.2	
<b>GENERIC</b>								
CONTROLLER		DSR III						
<b>DEFROST</b>								
DEFROST		AHGS	AHGS	RC	AHGS	AHGS	RC	

AHGS = AUTOMATIC HOT GAS DEFROST - RC = REVERSE CYCLE

NOTE: SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.