FRIGO PARTNER

Product **Catalog**



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frigopartner

Growing with Values
Değerlerle Büyümek



As Frigo Partner, we export the refrigeration systems we manufacture to all around the world. Thanks to our high quality and durability standards, we are confidently preferred in international markets. We create value on a global scale by developing tailored solutions for the needs of different industries. With our expanding export network, we bring our brand to more countries every day. Frigo Partner continues its journey as a strong refrigeration brand extending from Turkey to the world.

Frigo Partner olarak ürettiğimiz soğutma cihazlarını dünyanın dört bir yanına ihraç ediyoruz. Yüksek kalite ve dayanıklılık standartlarımız sayesinde uluslararası pazarlarda güvenle tercih ediliyoruz. Farklı sektörlerin ihtiyaçlarına özel çözümler geliştirerek global ölçekte değer üretiyoruz. Genişleyen ihracat ağımızla markamızı her geçen gün daha fazla ülkeye ulaştırıyoruz. Frigo Partner, Türkiye'den dünyaya uzanan güçlü bir soğutma markası olarak yoluna devam ediyor.



About Us

Welcome to Frigo Partner. As a trusted partner in industrial refrigeration and air conditioning solutions, we meticulously manage every stage from production to material supply with our strong engineering infrastructure.

Operating across Turkey and the Middle East, we add value to projects by delivering innovative, cost-effective solutions tailored to our clients' specific needs. By combining advanced technology with our quality-driven approach and commitment to customer satisfaction, we create a sustainable competitive advantage in the industry.

Thanks to our wide range of products and services, we provide fast and effective solutions for the requirements of various sectors. Our attention to detail in every project ensures the delivery of long-lasting, high-performance systems.

With our experienced team, we offer technical support and consultancy at every stage of the projects. We aim to build long-term partnerships based on trust.

By collaborating with Frigo Partner, where reliability, quality, and efficiency are always prioritized, you can experience a professional and seamless process.

Hakkımızda

Frigo Partner'a hoş geldiniz. Endüstriyel soğutma ve iklimlendirme çözümleri alanında güvenilir bir iş ortağı olarak, güçlü mühendislik altyapımızla üretimden malzeme tedarikine kadar tüm süreçleri titizlikle yönetiyoruz.

Türkiye ve Orta Doğu genelinde faaliyet göstererek, müşterilerimizin özel ihtiyaçlarına uygun yenilikçi ve maliyet etkin çözümler sunuyor, projelere değer katıyoruz. İleri teknolojiyi, kalite odaklı yaklaşımımız ve müşteri memnuniyetine olan bağlılığımızla birleştirerek sektörde sürdürülebilir bir rekabet avantajı sağlıyoruz.

Geniş ürün ve hizmet yelpazemiz sayesinde farklı sektörlerin gereksinimlerine hızlı ve etkili çözümler sunuyoruz. Her projede gösterdiğimiz titizlik, uzun ömürlü ve yüksek performanslı sistemler ortaya koymamıza olanak tanır.

Deneyimli ekibimizle projelerin her aşamasında teknik destek ve danışmanlık hizmeti sunuyoruz. Güvene dayalı iş ilişkileri kurarak uzun vadeli iş birlikleri geliştirmeyi hedefliyoruz.

Güvenilirlik, kalite ve verimliliğin ön planda tutulduğu Frigo Partner ile çalışarak, profesyonel ve sorunsuz bir süreç deneyimleyebilirsiniz.

CONTENTS | İÇİNDEKİLER

Tecumseh



MODEL	SERIES / SERİ
TECUMSEH SPLIT SC2	FP-CU/TH (+)
TECUMSEH SPLIT SC3	FP-FU/TH (-)

PAGE SAYFA 6-9

embraco



MODEL	SERIES / SERİ
EMBRACO SCROLL-HERMETIC SPLIT SC2	FP-CU/EH (+)
EMBRACO SCROLL-HERMETIC SPLIT SC3	FP-FU/EH (-)

PAGE SAYFA 10-13

Frascold



MODEL	SERIES / SERİ
FRASCOLD SPLIT SC 2	FP-CU/FSH (+)
FRASCOLD SPLIT SC 3	FP-FU/FSH (-)
FRASCOLD CENTRAL SYSTEM SC2	FP-CU/2xFSH (+) FP-CU/3xFSH (+) FP-CU/4xFSH (+)
FRASCOLD CENTRAL SYSTEM SC3	FP-FU/2xFSH (-) FP-FU/3xFSH (-) FP-FU/4xFSH (-)

PAGE SAYFA 14-23

OFFICINE MARIO DORIN SINCE 1918 DORIN INNOVATION



MODEL	SERIES / SERİ
DORIN SPLIT SC 2	FP-CU/DSH (+)
DORIN SPLIT SC 3	FP-FU/DSH (-)
DORIN CENTRAL SYSTEM SC2	FP-CU/2xDSH (+) FP-CU/3xDSH (+) FP-CU/4xDSH (+)
DORIN CENTRAL SYSTEM SC3	FP-FU/2xDSH (-) FP-FU/3xDSH (-) FP-FU/4xDSH (-)

PAGE SAYFA 24-33

CONTENTS | İÇİNDEKİLER



MODEL	SERIES / SERİ
BITZER SPLIT SC2 BITZER SPLIT SC3	FP-CU/BSH (+) FP-FU/BSH (-)
BITZER CENTRAL SYSTEM SC2	FP-CU/2xBSH (+) FP-CU/3xBSH (+) FP-CU/4xBSH (+)
BITZER CENTRAL SYSTEM SC3	FP-FU/2xBSH (-) FP-FU/3xBSH (-) FP-FU/4xBSH (-)

PAGE SAYFA 34-43



MODEL	SERIES / SERİ
DANFOSS SPLIT SC2	FP-CU/DFS (+)
DANFOSS SPLIT SC3	FP-FU/DFH (-) FP-FU/DFS (-)

PAGE SAYFA 44-48



Tecumseh

COOLING GROUPS
SOĞUTMA GRUPLARI

FP-CU/TH (+)

FP-FU/TH (-)

Tecumseh

SPLIT COOLING GROUPS

SPLİT SOĞUTMA GRUPLARI



TECUMSEH HERMETIC POSITIVE COOLING UNIT / COLD SERIES

TECUMSEH HERMETİK POZİTİF SOĞUTMA ÜNİTESİ

Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	V M³	POWER SUPPLY
FP-CU/TH07 (+)	1440	632	CAJ 9480 Z	0,75	2,28	01/14	220V/1~/50 Hz
FP-CU/TH10 (+)	1775	775	CAJ 9513 Z	1	2,29	15/24	220V/1~/50 Hz
FP-CU/TH13 (+)	2591	1021	CAJ 4517 Z	1,3	2,54	25/30	220V/1~/50 Hz
FP-CU/TH15 (+)	3674	1480	CAJ 4519 Z	1,5	2,48	31/41	220V/1~/50 Hz
FP-CU/TH20 (+)	4285	1635	FH 4524 Z - XG	2	2,62	42/46	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/TH25 (+)	5256	1935	FH 4532 Z - XG	2,5	2,72	47/61	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/TH30 (+)	6747	2499	FH 4538 Z - XG	3	2,70	62/93	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/TH40 (+)	7751	2988	TAG 4546 Z	4	2,59	94/121	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/TH45 (+)	8759	3406	TAG 4553 Z	4,5	2,57	94/121	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/TH50 (+)	9792	3821	TAG 4561 Z	5	2,56	122/138	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/TH60 (+)	11382	4208	TAG 4568 Z	6	2,70	139/183	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/TH70 (+)	12269	4785	TAG 4573 Z	7	2,56	184/208	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/TH80 (+)	13298	5399	TAG 4581 Z	8	2,46	209/245	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

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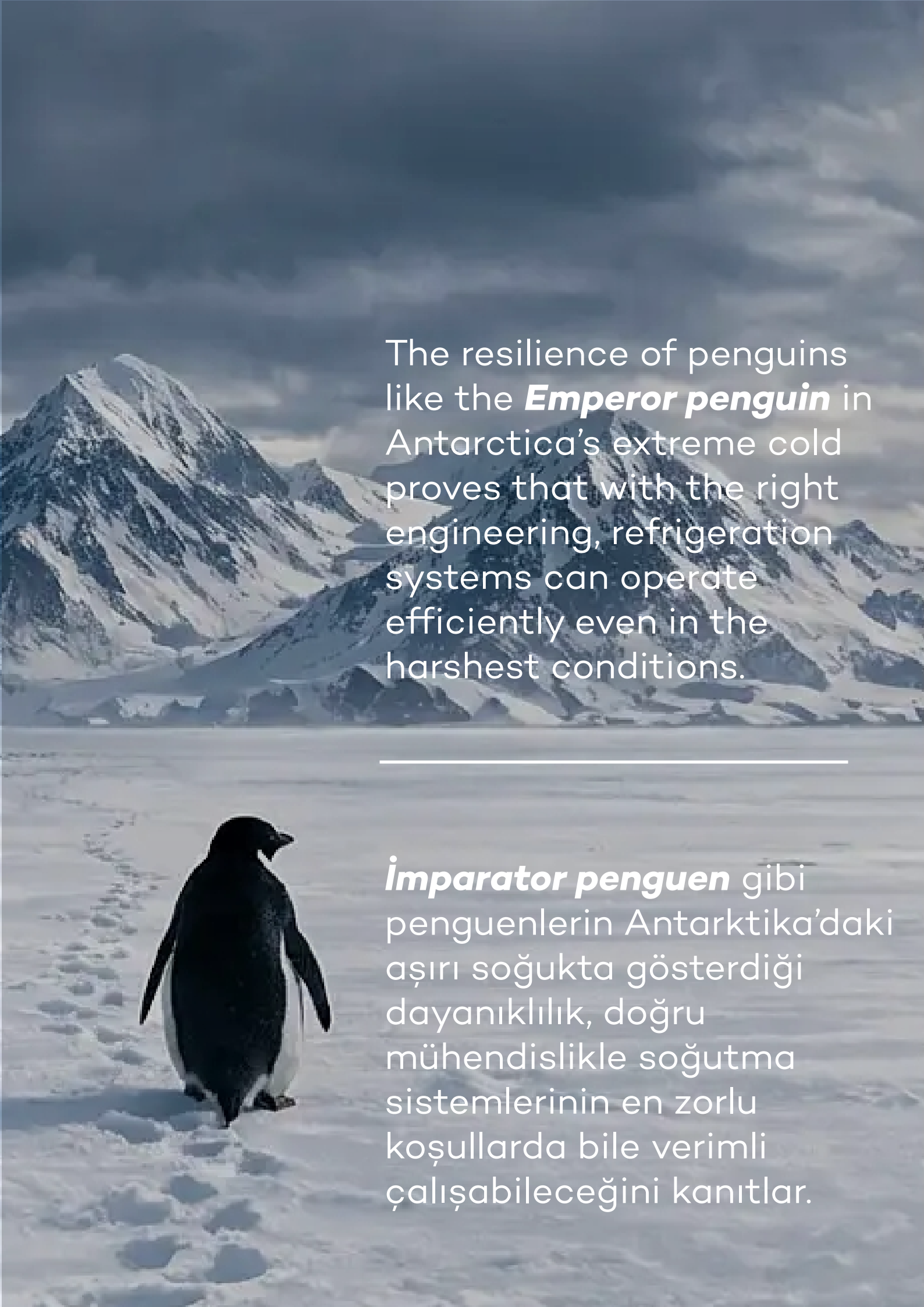
SPLİT SOĞUTMA GRUPLARI

TECUMSEH HERMETIC NEGATIVE COOLING UNIT / COLD SERIES

TECUMSEH HERMETİK NEGATİF SOĞUTMA ÜNİTESİ

Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	V M³	POWER SUPPLY
FP-FU/TH20 (-)	6232	2288	FH 2480 Z XG	2	2,72	10/14	220 V/1~/50 Hz
FP-FU/TH30 (-)	8749	3308	FH 2511 Z XG	3	2,64	15/24	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/TH40 (-)	9723	4335	TAG 2513 Z	4	2,24	25/40	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/TH50 (-)	10967	4707	TAG 2516 Z	5	2,33	41/62	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/TH70 (-)	13366	5588	TAG 2522 Z	7	2,39	63/90	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/TH80 (-)	14090	6467	TAG 2525 Z	8	2,18	91/110	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz



The resilience of penguins like the ***Emperor penguin*** in Antarctica's extreme cold proves that with the right engineering, refrigeration systems can operate efficiently even in the harshest conditions.

İmparator penguen gibi penguenlerin Antarktika'daki aşırı soğukta gösterdiği dayanıklılık, doğru mühendislikle soğutma sistemlerinin en zorlu koşullarda bile verimli çalışabileceğini kanıtlar.



embraco

COOLING GROUPS
SOĞUTMA GRUPLARI

FP-CU/EH (+)

FP-FU/EH (-)

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SPLIT COOLING GROUPS

SPLİT SOĞUTMA GRUPLARI



EMBRACO HERMETIC POSITIVE COOLING UNIT / COLD SERIES

EMBRACO HERMETİK POZİTİF SOĞUTMA ÜNİTESİ

Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	V M³	POWER SUPPLY
FP-CU/EH10 (+)	2000	1040	NT 6226 GK	1	1,92	5/18	220–240V / 1~ / 50–60 Hz
FP-CU/EH12 (+)	2360	1080	NJ 9232 GK	1,2	2,17	18/21	220–240V / 1~ / 50–60 Hz
FP-CU/EH15 (+)	2870	1500	NJ 9238 GK	1,5	1,91	22/27	220–240V / 1~ / 50–60 Hz
FP-CU/EH15A (+)	2990	1310	NJ 9238 GS	1,5	2,28	28/30	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/EH20 (+)	3840	1740	NJX 6250 GS	2	2,2	31/41	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/EH20 (+)	3680	1860	SE6015 GS	2	1,98	30/37	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/EH25 (+)	4400	2100	SE6018 GS	2,5	2,09	38/52	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/EH25A (+)	5010	2330	SE6021 GS	2,5	2,09	38/52	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/EH30 (+)	7160	3230	SE6030 GS	3	2,15	53/58	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/EH40 (+)	8800	3890	SE6036 GS	4	2,22	59/96	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/EH60 (+)	10460	4620	SE6043 GS	6	2,26	131/155	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/EH70 (+)	12670	5600	SE6053 GS	7	2,26	136/246	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz



SPLIT COOLING GROUPS

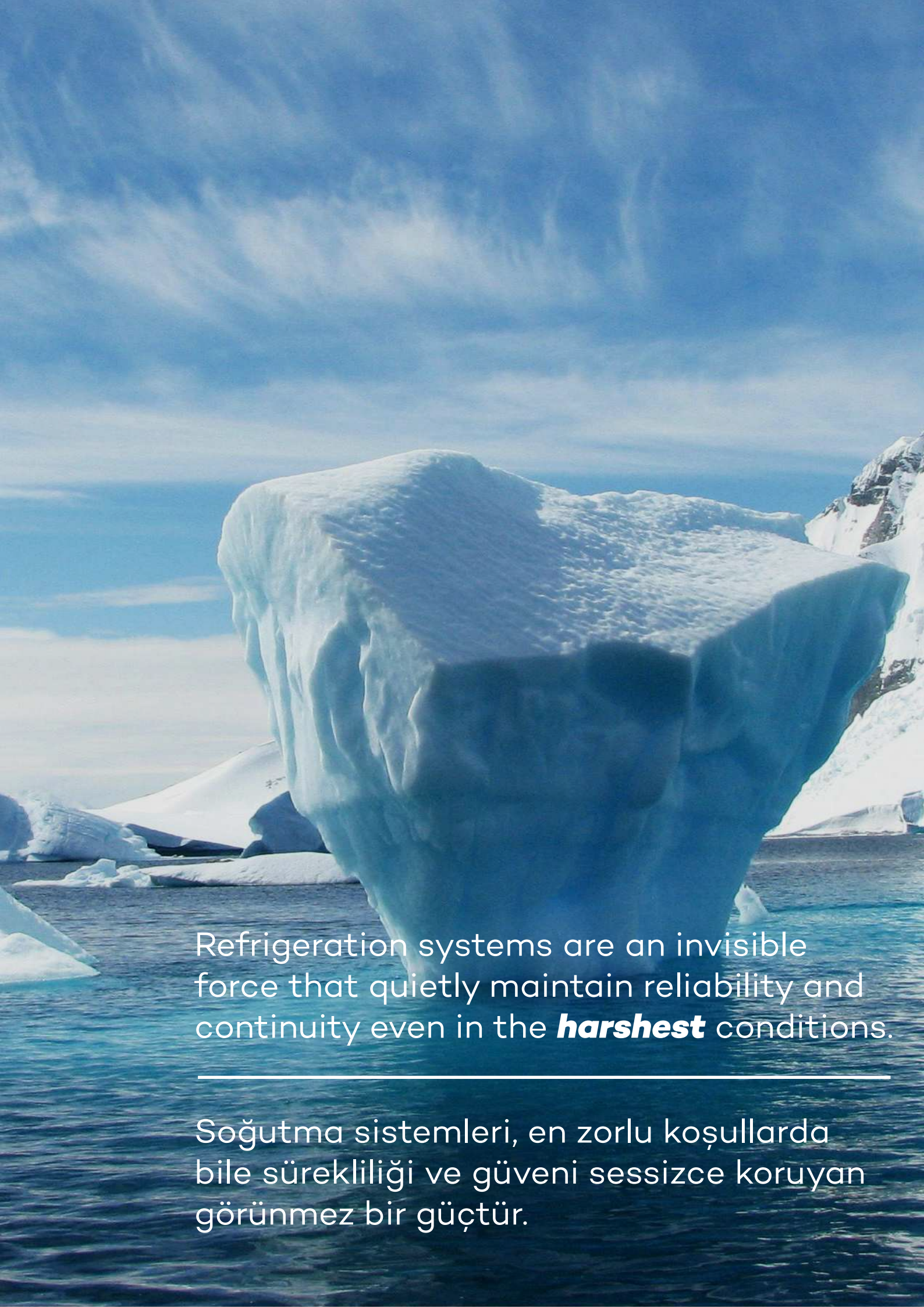
SPLİT SOĞUTMA GRUPLARI

EMBRACO HERMETIC NEGATIVE COOLING UNIT / COLD SERIES

EMBRACO HERMETİK NEGATİF SOĞUTMA ÜNİTESİ

Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	V M³	POWER SUPPLY
FP-FU/EH10 (-)	1040	720	NT 2192 GK	1	1,43	5/7	220–240V / 1~ / 50–60 Hz
FP-FU/EH15 (-)	1350	890	NT 2212 GK	1,5	1,5	8/10	220–240V / 1~ / 50–60 Hz
FP-FU/EH15 (-)	1490	1110	NJ 2212 GS	1,5	1,34	10/13	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/EH20 (-)	2110	1360	NJX 2219 GS	2	1,55	14/22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/EH20A (-)	1790	1410	SE2006 GS	2	1,27	10/17	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/EH25 (-)	2290	1790	SE2008 GS	2,5	1,28	18/23	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/EH30 (-)	2690	2090	SE2010 GS	3	1,29	24/33	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/EH40 (-)	4070	2880	SE2014 GS	4	1,41	34/64	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/EH50 (-)	4830	3310	SE2017 GS	5	1,46	65/79	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/EH60 (-)	5660	3850	SE2020 GS	6	1,47	80/105	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz



Refrigeration systems are an invisible force that quietly maintain reliability and continuity even in the ***harshest*** conditions.

Soğutma sistemleri, en zorlu koşullarda bile sürekliliği ve güveni sessizce koruyan görünmez bir güçtür.



Frascold®

COOLING GROUPS
SOĞUTMA GRUPLARI

- FP-CU/FSH (+)
- FP-CU/2xFSH (+)
- FP-FU/FSH (-)
- FP-CU/3xFSH (+)
- FP-CU/ 4xFSH (+)
- FP-FU/2xFSH (-)
- FP-FU/3xFSH (-)
- FP-FU/4xFSH (-)

Frascold®

SPLIT COOLING GROUPS

SPLİT SOĞUTMA GRUPLARI



FRASCOLD SEMI-HERMETIC POSITIVE COOLING UNIT / COLD SERIES

FRASCOLD YARI-HERMETİK POZİTİF SOĞUTMA ÜNİTESİ

Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	V M³	POWER SUPPLY
FP-CU/DSH20 (+)	4430	2250	H 201 CC	2	1,97	30/45	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH30 (+)	7340	3480	H 300 CC	3	2,11	46/100	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH40 (+)	9890	4560	H 405 CC	4	2,17	101/140	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH50 (+)	11900	5420	H 505 CC	5	2,20	141/170	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH60 (+)	13420	6130	H 701 CC	7	2,19	171/260	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH75 (+)	16310	7340	H 755 CC	7,5	2,22	261/320	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH100 (+)	19080	8300	H 1002 CC	10	2,30	321/450	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH120 (+)	22440	9650	H 1201 CC	12	2,33	451/550	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH150 (+)	25960	11350	H 1501 CC	15	2,29	551/650	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH200 (+)	30120	13030	H 2001 CC	20	2,31	51/800	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH220 (+)	34130	14770	H 2201 CC	22	2,31	801/950	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH250 (+)	38930	16600	H 2500 CC	25	2,35	951/1100	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH300 (+)	43740	18580	H 3000 CC	30	2,35	1101/1200	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH320 (+)	47240	20040	H 3200 CC	32	2,36	1201/1400	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz



SPLIT COOLING GROUPS

SPLİT SOĞUTMA GRUPLARI

FRASCOLD SEMI-HERMETIC NEGATIF COOLING UNIT / COLD SERIES

FRASCOLD YARI-HERMETİK NEGATİF SOĞUTMA ÜNİTESİ

Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	V M³	POWER SUPPLY
FP-FU/DSH20 (-)	2470	1770	H 201 CS	2	1,40	10/30	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DSH30 (-)	4260	2650	H 300 CS	3	1,61	31/60	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DSH40 (-)	6000	3620	H 405 CS	4	1,66	61/100	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DSH50 (-)	6950	4370	H 505 CS	5	1,59	101/130	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DSH70 (-)	7800	4850	H 701 CS	7	1,61	131/150	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DSH75 (-)	9430	5840	H 751 CS	7,5	1,61	151/180	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DSH80 (-)	11410	6880	H 801 CS	8	1,66	181/230	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DSH100 (-)	13400	7710	H 1001 CS	10	1,74	231/280	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DSH150 (-)	15550	9100	H 1501 CS	15	1,71	281/330	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DSH200 (-)	20570	11720	H 2000 CS	20	1,76	331/500	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DSH250 (-)	23690	13170	H 2500 CS	25	1,80	501/600	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DSH270 (-)	26060	14570	H 2700 CS	27	1,79	601/700	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DSH300 (-)	30270	16890	H 3000 CS	30	1,79	701/1000	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

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CENTRALCOOLING GROUPS

CENTRAL SOĞUTMA GRUPLARI



FRASCOLD 2XRACK POSITIVE SYSTEM
FRASCOLD 2XRACK POZİTİF SİSTEM

COLD SERIES

Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-CU/2xDSH080 (+)	19780	9120	2X H405 CC	8	2,17	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH100 (+)	23800	10840	2X H505 CC	10	2,20	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH140 (+)	28160	12660	2X H705 CC	14	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH150 (+)	32620	14680	2X H755 CC	15	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH200 (+)	43300	19220	2X H1003 CC	20	2,25	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH300 (+)	51920	22700	2X H1003 CC	30	2,29	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH400 (+)	60240	26060	2X H2001 CC	40	2,31	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH440 (+)	68260	29540	2X H2201 CC	44	2,31	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH500 (+)	77860	33200	2X H2500 CC	50	2,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH640 (+)	94480	40080	2X H3200 CC	64	2,36	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH680 (+)	105020	45300	2X H3400 CC	68	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH800 (+)	127240	55580	2X H4000 CC	80	2,29	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH1000 (+)	156560	68060	2X-H5000 CC	100	2,30	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH1100 (+)	169960	73120	2X H5500 CC	110	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz



CENTRALCOOLING GROUPS

CENTRAL SOĞUTMA GRUPLARI

FRASCOLD 3XRACK POSITIVE SYSTEM
FRASCOLD 3XRACK POZİTİF SİSTEM

COLD SERIES

Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-CU/3xDSH120 (+)	29670	13680	3X H405 CC	12	2,17	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH150 (+)	35700	16260	3X H505 CC	15	2,20	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH210 (+)	42240	18990	3X H705 CC	21	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH225 (+)	48930	22020	3X H755 CC	22,5	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH300 (+)	64950	28830	3X H1003 CC	30	2,25	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH450 (+)	77880	34050	3X H1501 CC	45	2,29	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH600 (+)	90360	39090	3X H2001 CC	60	2,31	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH660 (+)	102390	44310	3X H2201 CC	66	2,31	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH750 (+)	116790	49800	3X H2500 CC	75	2,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH960 (+)	141720	60120	3X H3200 CC	96	2,36	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH1020 (+)	157530	67950	3X H3400 CC	102	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH1200 (+)	190860	83070	3X H4000 CC	120	2,29	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH1500 (+)	234840	102090	3X H5000 CC	150	2,30	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH1650 (+)	254940	109680	3X H5500 CC	165	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

Frascold®

CENTRALCOOLING GROUPS

CENTRAL SOĞUTMA GRUPLARI



FRASCOLD 4XRACK POSITIVE SYSTEM
FRASCOLD 4XRACK POZİTİF SİSTEM

COLD SERIES

Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-CU/4xDSH160 (+)	39560	18240	4X H405 CC	16	2,17	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH200 (+)	47600	21680	4X H505 CC	20	2,20	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH280 (+)	56320	25320	4X H705 CC	28	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH300 (+)	65240	29360	4X H755 CC	30	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH400 (+)	86600	38440	4X H1003 CC	40	2,25	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH600 (+)	103840	45400	4X H1501 CC	60	2,29	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH800 (+)	120480	52120	4X H2001 CC	80	2,31	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH880 (+)	136520	59080	4X H2201 CC	88	2,31	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH1000 (+)	155720	66400	4X H2500 CC	100	2,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH1280 (+)	188960	80160	4X H3200 CC	128	2,36	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH1360 (+)	210040	90600	4X H3400 CC	136	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH1600 (+)	254480	111160	4X H4000 CC	160	2,29	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH2000 (+)	313120	136120	4X H5000 CC	200	2,30	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH2200 (+)	339920	146240	4X H5500 CC	220	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz



CENTRALCOOLING GROUPS

CENTRAL SOĞUTMA GRUPLARI

FRASCOLD 2XRACK NEGATIVE SYSTEM / COLD SERIES

FRASCOLD 2XRACK NEGATİF SİSTEM

Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-FU/2xDSH070 (-)	9880	6300	2X H355 CS	7	1,57	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH100 (-)	13900	8740	2X H505 CS	10	1,59	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH140 (-)	16460	10100	2X H705 CS	14	1,63	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH160 (-)	22820	13700	2X H801 CS	16	1,60	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH200 (-)	26800	15420	2X H1001 CS	20	1,74	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH300 (-)	31100	18200	2X H1501 CS	30	1,71	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH320 (-)	34640	20860	2X H1601 CS	32	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH400 (-)	41140	23440	2X H2000 CS	40	1,75	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH500 (-)	47380	26340	2X H2500 CS	50	1,80	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH580 (-)	56460	32640	2X H2900 CS	58	1,73	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH700 (-)	71140	38920	2X H3500 CS	70	1,83	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH800 (-)	77160	48300	2X H4000 CS	80	1,60	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH1000 (-)	85320	49400	2X H5000 CS	100	1,72	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH1100 (-)	95640	55660	2X H5500 CS	110	1,72	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

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CENTRALCOOLING GROUPS

CENTRAL SOĞUTMA GRUPLARI



FRASCOLD 3XRACK NEGATIVE SYSTEM / COLD SERIES

FRASCOLD 3XRACK NEGATİF SİSTEM

Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-FU/3xDSH105 (-)	14820	9450	3X H355 CS	10,5	1,57	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH150 (-)	20850	13110	3X H505 CS	15	1,59	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH210 (-)	24690	15150	3X H705 CS	21	1,63	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH240 (-)	34230	20640	3X H801 CS	24	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH300 (-)	40200	23130	3X H1001 CS	30	1,74	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH450 (-)	46650	27300	3X H1501 CS	45	1,71	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH480 (-)	51960	31290	3X H1601 CS	48	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH600 (-)	61710	35160	3X H2000 CS	60	1,75	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH750 (-)	71070	37510	3X H2500 CS	75	1,80	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH870 (-)	84690	48960	3X H2900 CS	87	1,73	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH1050 (-)	106710	58380	3X H3500 CS	105	1,83	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH1200 (-)	115740	72450	3X H4000 CS	120	1,60	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH1500 (-)	127980	74460	3X H5000 CS	150	1,72	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH1650 (-)	143460	83490	3X H5500 CS	165	1,72	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz



CENTRALCOOLING GROUPS

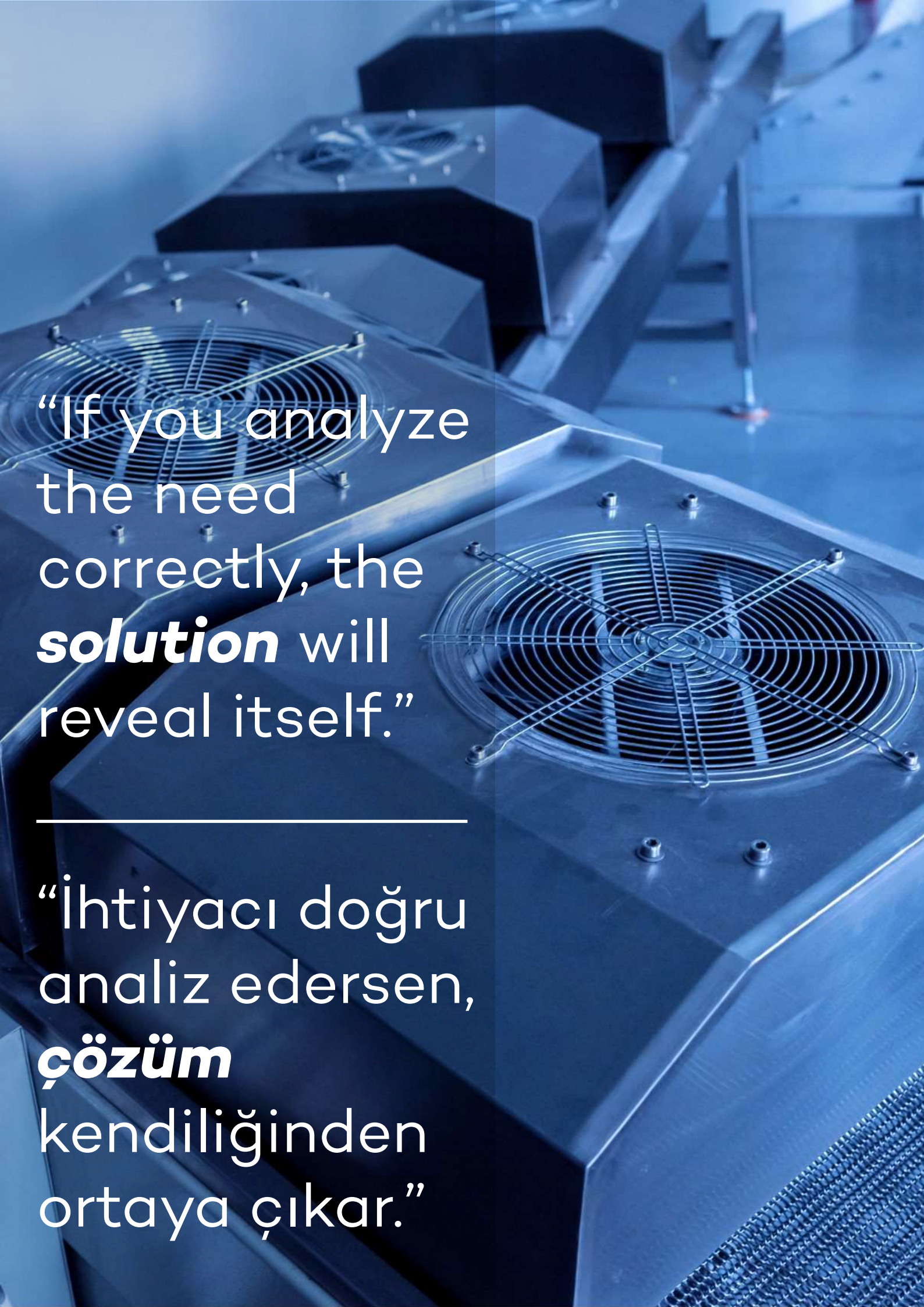
CENTRAL SOĞUTMA GRUPLARI

FRASCOLD 4XRACK NEGATIVE SYSTEM / COLD SERIES

FRASCOLD 4XRACK NEGATİF SİSTEM

Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-FU/4xDSH140 (-)	19760	12600	4X H355 CS	14	1,57	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH200 (-)	27800	17480	4X H505 CS	20	1,59	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH280 (-)	32920	20200	4X H705 CS	28	1,63	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH320 (-)	45640	27320	4X H801 CS	32	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH400 (-)	53600	30840	4X H1001 CS	40	1,74	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH600 (-)	62200	36400	4X H1501 CS	60	1,71	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH640 (-)	69280	41720	4X H1601 CS	64	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH800 (-)	82280	46880	4X H2000 CS	80	1,75	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH1000 (-)	94760	52680	4X H2500 CS	100	1,80	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH1160 (-)	112920	65280	4X H2900 CS	116	1,73	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH1400 (-)	142280	77840	4X H3500 CS	140	1,83	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH1600 (-)	154320	96600	4X H4000 CS	160	1,60	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH2000 (-)	170640	99280	4X H5000 CS	200	1,72	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH2200 (-)	191280	111320	4X H5500 CS	220	1,72	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz



“If you analyze the need correctly, the ***solution*** will reveal itself.”

“İhtiyacı doğru analiz edersen, ***çözüm*** kendiliğinden ortaya çıkar.”



OFFICINE MARIO DORIN SINCE 1918

DORIN®

INNOVATION

COOLING GROUPS
SOĞUTMA GRUPLARI

- FP-CU/DSH (+)
- FP-FU/DSH (-)
- FP-CU/2xDSH (+)
- FP-CU/3xDSH (+)
- FP-CU/4xDSH (+)
- FP-FU/2xDSH (-)
- FP-FU/3xDSH (-)
- FP-FU/4xDSH (-)

OFFICINE MARIO DORIN SINCE 1918
DORIN INNOVATION

SPLIT COOLING GROUPS

SPLİT SOĞUTMA GRUPLARI



DORIN SEMI-HERMETIC POSITIVE COOLING UNIT / COLD SERIES

DORIN YARI-HERMETİK POZİTİF SOĞUTMA ÜNİTESİ

Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	V M³	POWER SUPPLY
FP-CU/DSH20 (+)	4430	2250	H 201 CC	2	1,97	30/45	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH30 (+)	7340	3480	H 300 CC	3	2,11	46/100	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH40 (+)	9890	4560	H 405 CC	4	2,17	101/140	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH50 (+)	11900	5420	H 505 CC	5	2,20	141/170	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH60 (+)	13420	6130	H 701 CC	7	2,19	171/260	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH75 (+)	16310	7340	H 755 CC	7,5	2,22	261/320	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH100 (+)	19080	8300	H 1002 CC	10	2,30	321/450	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH120 (+)	22440	9650	H 1201 CC	12	2,33	451/550	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH150 (+)	25960	11350	H 1501 CC	15	2,29	551/650	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH200 (+)	30120	13030	H 2001 CC	20	2,31	51/800	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH220 (+)	34130	14770	H 2201 CC	22	2,31	801/950	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH250 (+)	38930	16600	H 2500 CC	25	2,35	951/1100	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH300 (+)	43740	18580	H 3000 CC	30	2,35	1101/1200	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DSH320 (+)	47240	20040	H 3200 CC	32	2,36	1201/1400	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz



SPLIT COOLING GROUPS

SPLİT SOĞUTMA GRUPLARI

DORIN SEMI-HERMETIC NEGATIVE COOLING UNIT / COLD SERIES

DORIN YARI-HERMETİK NEGATİF SOĞUTMA ÜNİTESİ

Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	V M³	POWER SUPPLY
FP-FU/DSH20 (-)	2470	1770	H 201 CS	2	1,40	10/30	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/DSH30 (-)	4260	2650	H 300 CS	3	1,61	31/60	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/DSH40 (-)	6000	3620	H 405 CS	4	1,66	61/100	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/DSH50 (-)	6950	4370	H 505 CS	5	1,59	101/130	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/DSH70 (-)	7800	4850	H 701 CS	7	1,61	131/150	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/DSH75 (-)	9430	5840	H 751 CS	7,5	1,61	151/180	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/DSH80 (-)	11410	6880	H 801 CS	8	1,66	181/230	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/DSH100 (-)	13400	7710	H 1001 CS	10	1,74	231/280	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/DSH150 (-)	15550	9100	H 1501 CS	15	1,71	281/330	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/DSH200 (-)	20570	11720	H 2000 CS	20	1,76	331/500	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/DSH250 (-)	23690	13170	H 2500 CS	25	1,80	501/600	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/DSH270 (-)	26060	14570	H 2700 CS	27	1,79	601/700	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/DSH300 (-)	30270	16890	H 3000 CS	30	1,79	701/1000	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz

OFFICINE MARIO DORIN SINCE 1918
DORIN INNOVATION

CENTRAL COOLING GROUPS

MERKEZİ SOĞUTMA GRUPLARI



DORIN 2XRACK POSITIVE SYSTEM
DORIN 2XRACK POZİTİF SİSTEM

COLD SERIES — Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-CU/2xDSH080 (+)	19780	9120	2X H405 CC	8	2,17	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH100 (+)	23800	10840	2X H505 CC	10	2,20	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH140 (+)	28160	12660	2X H705 CC	14	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH150 (+)	32620	14680	2X H755 CC	15	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH200 (+)	43300	19220	2X H1003 CC	20	2,25	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH300 (+)	51920	22700	2X H1003 CC	30	2,29	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH400 (+)	60240	26060	2X H2001 CC	40	2,31	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH440 (+)	68260	29540	2X H2201 CC	44	2,31	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH500 (+)	77860	33200	2X H2500 CC	50	2,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH640 (+)	94480	40080	2X H3200 CC	64	2,36	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH680 (+)	105020	45300	2X H3400 CC	68	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH800 (+)	127240	55580	2X H4000 CC	80	2,29	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH1000 (+)	156560	68060	2X-H5000 CC	100	2,30	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xDSH1100 (+)	169960	73120	2X H5500 CC	110	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

CENTRAL COOLING GROUPS

MERKEZİ SOĞUTMA GRUPLARI



DORIN 3XRACK POSITIVE SYSTEM
DORIN 3XRACK POZİTİF SİSTEM

COLD SERIES — Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-CU/3xDSH120 (+)	29670	13680	3X H405 CC	12	2,17	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH150 (+)	35700	16260	3X H505 CC	15	2,20	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH210 (+)	42240	18990	3X H705 CC	21	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH225 (+)	48930	22020	3X H755 CC	22,5	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH300 (+)	64950	28830	3X H1003 CC	30	2,25	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH450 (+)	77880	34050	3X H1501 CC	45	2,29	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH600 (+)	90360	39090	3X H2001 CC	60	2,31	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH660 (+)	102390	44310	3X H2201 CC	66	2,31	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH750 (+)	116790	49800	3X H2500 CC	75	2,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH960 (+)	141720	60120	3X H3200 CC	96	2,36	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH1020 (+)	157530	67950	3X H3400 CC	102	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH1200 (+)	190860	83070	3X H4000 CC	120	2,29	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH1500 (+)	234840	102090	3X H5000 CC	150	2,30	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xDSH1650 (+)	254940	109680	3X H5500 CC	165	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

OFFICINE MARIO DORIN SINCE 1918
DORIN INNOVATION

CENTRAL COOLING GROUPS

MERKEZİ SOĞUTMA GRUPLARI



DORIN 4XRACK POSITIVE SYSTEM
DORIN 4XRACK POZİTİF SİSTEM

/ COLD SERIES Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-CU/4xDSH160 (+)	39560	18240	4X H405 CC	16	2,17	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH200 (+)	47600	21680	4X H505 CC	20	2,20	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH280 (+)	56320	25320	4X H705 CC	28	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH300 (+)	65240	29360	4X H755 CC	30	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH400 (+)	86600	38440	4X H1003 CC	40	2,25	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH600 (+)	103840	45400	4X H1501 CC	60	2,29	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH800 (+)	120480	52120	4X H2001 CC	80	2,31	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH880 (+)	136520	59080	4X H2201 CC	88	2,31	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH1000 (+)	155720	66400	4X H2500 CC	100	2,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH1280 (+)	188960	80160	4X H3200 CC	128	2,36	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH1360 (+)	210040	90600	4X H3400 CC	136	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH1600 (+)	254480	111160	4X H4000 CC	160	2,29	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH2000 (+)	313120	136120	4X H5000 CC	200	2,30	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xDSH2200 (+)	339920	146240	4X H5500 CC	220	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

CENTRAL COOLING GROUPS

MERKEZİ SOĞUTMA GRUPLARI



DORIN 2XRACK NEGATIVE SYSTEM
DORIN 2XRACK NEGATİF SİSTEM

COLD SERIES Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-FU/2xDSH070 (-)	9880	6300	2X H355 CS	7	1,57	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH100 (-)	13900	8740	2X H505 CS	10	1,59	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH140 (-)	16460	10100	2X H705 CS	14	1,63	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH160 (-)	22820	13700	2X H801 CS	16	1,60	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH200 (-)	26800	15420	2X H1001 CS	20	1,74	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH300 (-)	31100	18200	2X H1501 CS	30	1,71	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH320 (-)	34640	20860	2X H1601 CS	32	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH400 (-)	41140	23440	2X H2000 CS	40	1,75	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH500 (-)	47380	26340	2X H2500 CS	50	1,80	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH580 (-)	56460	32640	2X H2900 CS	58	1,73	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH700 (-)	71140	38920	2X H3500 CS	70	1,83	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH800 (-)	77160	48300	2X H4000 CS	80	1,60	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH1000 (-)	85320	49400	2X H5000 CS	100	1,72	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xDSH1100 (-)	95640	55660	2X H5500 CS	110	1,72	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

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CENTRAL COOLING GROUPS

MERKEZİ SOĞUTMA GRUPLARI



DORIN 3XRACK NEGATIVE SYSTEM
DORIN 3XRACK NEGATİF SİSTEM

COLD SERIES Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-FU/3xDSH105 (-)	14820	9450	3X H355 CS	10,5	1,57	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH150 (-)	20850	13110	3X H505 CS	15	1,59	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH210 (-)	24690	15150	3X H705 CS	21	1,63	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH240 (-)	34230	20640	3X H801 CS	24	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH300 (-)	40200	23130	3X H1001 CS	30	1,74	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH450 (-)	46650	27300	3X H1501 CS	45	1,71	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH480 (-)	51960	31290	3X H1601 CS	48	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH600 (-)	61710	35160	3X H2000 CS	60	1,75	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH750 (-)	71070	37510	3X H2500 CS	75	1,80	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH870 (-)	84690	48960	3X H2900 CS	87	1,73	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH1050 (-)	106710	58380	3X H3500 CS	105	1,83	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH1200 (-)	115740	72450	3X H4000 CS	120	1,60	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH1500 (-)	127980	74460	3X H5000 CS	150	1,72	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/3xDSH1650 (-)	143460	83490	3X H5500 CS	165	1,72	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

CENTRAL COOLING GROUPS

MERKEZİ SOĞUTMA GRUPLARI



DORIN 4XRACK NEGATIVE SYSTEM
DORIN 4XRACK NEGATİF SİSTEM

COLD SERIES Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-FU/4xDSH140 (-)	19760	12600	4X H355 CS	14	1,57	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH200 (-)	27800	17480	4X H505 CS	20	1,59	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH280 (-)	32920	20200	4X H705 CS	28	1,63	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH320 (-)	45640	27320	4X H801 CS	32	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH400 (-)	53600	30840	4X H1001 CS	40	1,74	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH600 (-)	62200	36400	4X H1501 CS	60	1,71	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH640 (-)	69280	41720	4X H1601 CS	64	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH800 (-)	82280	46880	4X H2000 CS	80	1,75	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH1000 (-)	94760	52680	4X H2500 CS	100	1,80	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH1160 (-)	112920	65280	4X H2900 CS	116	1,73	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH1400 (-)	142280	77840	4X H3500 CS	140	1,83	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH1600 (-)	154320	96600	4X H4000 CS	160	1,60	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH2000 (-)	170640	99280	4X H5000 CS	200	1,72	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/4xDSH2200 (-)	191280	111320	4X H5500 CS	220	1,72	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz



A chiller unit is an industrial cooling system that operates based on the vapor compression refrigeration cycle, transferring heat from one environment to another through components such as a compressor, condenser, expansion valve, and evaporator.

Chiller ünitesi, buhar sıkıştırmalı soğutma çevrimi prensibiyle çalışan, kompresör, kondenser, genleşme vanası ve evaporatör bileşenleri aracılığıyla ısıyı bir ortamdan alıp başka bir ortama aktaran endüstriyel bir soğutma sistemidir.



COOLING GROUPS
SOĞUTMA GRUPLARI

FP-CU/BSH (+)	FP-FU/BSH (-)
FP-CU/2xBSH (+)	FP-FU/2xBSH (-)
FP-CU/3xBSH (+)	FP-FU/3xBSH (-)
FP-CU/4xBSH (+)	FP-FU/4xBSH (-)

SPLIT COOLING GROUPS

SPLİT SOĞUTMA GRUPLARI



BITZER SEMI-HERMETIC POSITIVE COOLING UNIT / COLD SERIES

BITZER YARI-HERMETİK POZİTİF SOĞUTMA ÜNİTESİ

Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	V M³	POWER SUPPLY
FP-CU/BSH20 (+)	3080	1530	2HES-2Y	2	2,01	20/30	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/BSH30 (+)	5680	2530	2EES-3Y	3	2,25	31/70	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/BSH40 (+)	8440	3770	2CES-4Y	4	2,24	71/120	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/BSH50 (+)	9100	4090	4FES-5Y	5	2,22	121/150	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/BSH60 (+)	11410	5140	4EES-6Y	6	2,22	151/200	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/BSH70 (+)	13410	5970	4DES-7Y	7	2,25	201/260	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/BSH90 (+)	16720	7510	4CES-9Y	9	2,23	261/350	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/BSH120 (+)	21000	9020	4TES-12Y	12	2,33	351/500	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/BSH150 (+)	23700	10170	4PES-15Y	15	2,33	501/600	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/BSH200 (+)	28600	12200	4NES-20Y	20	2,34	601/750	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/BSH220 (+)	32200	13620	4JE-22Y	22	2,36	751/850	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/BSH250 (+)	38100	16190	4HE-25Y	25	2,35	851/1000	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/BSH300 (+)	43800	18710	4GE-30Y	30	2,34	1001/1200	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz



SPLIT COOLING GROUPS

SPLİT SOĞUTMA GRUPLARI

BITZER SEMI-HERMETIC NEGATIVE COOLING UNIT / COLD SERIES

BITZER YARI-HERMETİK NEGATİF SOĞUTMA ÜNİTESİ

Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	V M³	POWER SUPPLY
FP-FU/BSH20 (-)	2820	1790	2EES-2Y	2	1,58	20/30	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/BSH30 (-)	4330	2760	2CES-3Y	3	1,57	31/60	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/BSH40 (-)	5890	3840	4EES-4Y	4	1,53	61/90	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/BSH50 (-)	6820	4410	4DES-5Y	5	1,55	91/120	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/BSH60 (-)	8390	5360	4CES-6Y	6	1,57	121/160	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/BSH90 (-)	10280	6350	4TES-9Y	9	1,62	161/245	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/BSH120 (-)	11320	6880	4PES-12Y	12	1,65	221/270	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/BSH140 (-)	13950	8580	4NES-14Y	14	1,63	271/350	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/BSH150 (-)	16700	10040	4JE-15Y	15	1,66	351/450	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/BSH180 (-)	19880	12000	4HE-18Y	18	1,66	451/550	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/BSH230 (-)	23400	14270	4GE-23Y	23	1,64	551/650	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/BSH280 (-)	28100	17130	4FE-28Y	28	1,64	651/800	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/BSH300 (-)	35400	21800	6GE-34Y	34	1,62	801/1100	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

CENTRAL COOLING GROUPS

MERKEZ SOĞUTMA GRUPLARI



BITZER 2XRACK POSITIVE SYSTEM
BITZER 2XRACK POZİTİF SYSTEM

/ COLD SERIES

Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-CU/2xBSH100 (+)	18200	8180	2X 4FES-5Y	10	2,23	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH120 (+)	22820	10280	2X 4EES-6Y	12	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH140 (+)	26820	11940	2X 4DES-7Y	14	2,25	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH180 (+)	33440	15020	2X 4CES-9Y	18	2,23	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH240 (+)	42000	18040	2X 4TES-12Y	24	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH300 (+)	47400	20340	2X 4PES-15Y	30	2,33	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH400 (+)	57200	24400	2X 4NES-20Y	40	2,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH440 (+)	64400	27240	2X 4JE-22Y	44	2,37	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH500 (+)	76200	32380	2X 4HE-25Y	50	2,35	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH600 (+)	87600	37420	2X 4GE-30Y	60	2,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH700 (+)	105600	46600	2X 4FE-35Y	70	2,26	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH700A (+)	112000	48400	2X 6HE-35Y	70	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH800 (+)	127600	56000	2X 6HE-40Y	80	2,28	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/2xBSH1000 (+)	156000	69200	2X 6FE-50Y	100	2,25	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

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BITZER 3XRACK POZİTİF SYSTEM

/ COLD SERIES

Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-CU/3xBSH150 (+)	27300	12270	3X 4FES-5Y	15	2,23	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH180 (+)	34230	15420	3X 4EES-6Y	18	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH210 (+)	40230	17910	3X 4DES-7Y	21	2,25	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH270 (+)	50160	22530	3X 4CES-9Y	27	2,23	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH360 (+)	63000	27060	3X 4TES-12Y	36	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH450 (+)	71100	30510	3X 4PES-15Y	45	2,33	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH600 (+)	85800	36600	3X 4NES-20Y	60	2,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH660 (+)	96600	40860	3X 4JE-22Y	66	2,37	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH750 (+)	114300	48570	3X 4HE-25Y	75	2,35	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH900 (+)	131400	56130	3X 4GE-30Y	90	2,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH1050 (+)	158400	69900	3X 4FE-35Y	105	2,26	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH1050A (+)	168000	72600	3X 6HE-35Y	105	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH1200 (+)	191400	84000	3X 6GE-40Y	120	2,28	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/3xBSH1500 (+)	234000	103800	3X 6FE-50Y	150	2,25	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

CENTRAL COOLING GROUPS

MERKEZ SOĞUTMA GRUPLARI



BITZER 4XRACK POSITIVE SYSTEM
BITZER 4XRACK POZİTİF SYSTEM

/ COLD SERIES

Evaporator Temperature -5°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-CU/4xBSH200 (+)	36400	16360	4X 4FES-5Y	20	2,23	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH240 (+)	45640	20560	4X 4EES-6Y	24	2,22	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH280 (+)	53640	23880	4X 4DES-7Y	28	2,25	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH360 (+)	66880	30040	4X 4CES-9Y	36	2,23	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH480 (+)	84000	36080	4X 4TES-12Y	48	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH600 (+)	94800	40680	4X 4PES-15Y	60	2,33	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH800 (+)	114400	48800	4X 4NES-20Y	80	2,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH880 (+)	128800	54480	4X 4JE-22Y	88	2,37	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH1000 (+)	152400	64760	4X 4HE-25Y	100	2,35	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH1200 (+)	175200	74840	4X 4GE-30Y	120	2,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH1400 (+)	211200	93200	4X 4FE-35Y	140	2,26	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH1400A (+)	224000	96800	4X 6HE-35Y	140	2,32	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH1600 (+)	255200	112000	4X 6HE-40Y	160	2,28	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/4xBSH2000 (+)	312000	138400	4X 6FE-50Y	200	2,25	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

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BITZER 2XRACK NEGATIVE SYSTEM / COLD SERIES

BITZER 2XRACK NEGATİF SYSTEM

Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-FU/2xBSH080 (-)	11780	7680	2X 4EES-4Y	8	1,53	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xBSH100 (-)	13640	8820	2X 4DES-5Y	10	1,54	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xBSH120 (-)	16780	10720	2X 4CES-6Y	12	1,57	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xBSH180 (-)	20560	12700	2X 4TES-9Y	18	1,62	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xBSH240 (-)	22640	13760	2X 4PES-12Y	24	1,65	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xBSH280 (-)	27900	17160	2X 4NES-14Y	28	1,63	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xBSH300 (-)	33400	20080	2X 4JE-15Y	30	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xBSH360 (-)	39760	24000	2X 4HE-18Y	36	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xBSH460 (-)	46800	28540	2X 4GE-23Y	46	1,64	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xBSH560 (-)	56200	34260	2X FE-28Y	56	1,64	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xBSH560A (-)	58600	35380	2X 6HE-28Y	56	1,66	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xBSH680 (-)	70800	43600	2X 6GE-34Y	68	1,62	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/2xBSH880 (-)	84200	52400	2X 6FE-44Y	88	1,61	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

CENTRAL COOLING GROUPS

MERKEZ SOĞUTMA GRUPLARI



BITZER 3XRACK NEGATIVE SYSTEM / COLD SERIES

BITZER 3XRACK NEGATİF SYSTEM

Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-FU/3xBSH120 (-)	17670	11520	3X 4EES-4Y	12	1,53	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/3xBSH150 (-)	20460	13230	3X 4DES-5Y	15	1,54	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/3xBSH180 (-)	25170	16080	3X 4CES-6Y	18	1,57	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/3xBSH270 (-)	30840	19050	3X 4TES-9Y	27	1,62	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/3xBSH360 (-)	33960	20640	3X 4PES-12Y	36	1,65	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/3xBSH420 (-)	41850	25740	3X 4NES-14Y	42	1,63	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/3xBSH450 (-)	50100	30120	3X 4JE-15Y	45	1,66	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/3xBSH540 (-)	59640	36000	3X 4HE-18Y	54	1,66	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/3xBSH690 (-)	70200	42810	3X 4GE-23Y	69	1,64	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/3xBSH840 (-)	84300	51390	3X 4FE-28Y	84	1,64	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/3xBSH840A (-)	87900	53070	3X 6HE-28Y	84	1,66	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/3xBSH1020 (-)	106200	65400	3X 6GE-34Y	102	1,64	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/3xBSH1320 (-)	126300	78600	3X 6FE-44Y	132	1,61	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz

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CENTRAL COOLING GROUPS

MERKEZ SOĞUTMA GRUPLARI

BITZER 4XRACK NEGATIVE SYSTEM / COLD SERIES

BITZER 4XRACK NEGATİF SYSTEM

Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-FU/4xBSH160 (-)	23560	15360	4X 4EES-4Y	16	1,53	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/4xBSH200 (-)	27280	17640	4X 4DES-5Y	20	1,54	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/4xBSH240 (-)	33560	21440	4X 4CES-6Y	24	1,57	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/4xBSH300 (-)	41120	25400	4X 4TES-9Y	30	1,63	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/4xBSH480 (-)	45280	27520	4X 4PES-12Y	48	1,65	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/4xBSH560 (-)	55800	34320	4X 4NES-14Y	56	1,63	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/4xBSH600 (-)	66800	40160	4X 4JE-15Y	60	1,66	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/4xBSH720 (-)	79520	48000	4X 4HE-18Y	72	1,64	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/4xBSH920 (-)	93600	57080	4X 4GE-23Y	92	1,64	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/4xBSH1120 (-)	112400	68520	4X 4FE-28Y	112	1,64	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/4xBSH1120A (-)	117200	70760	4X 6HE-28Y	112	1,66	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/4xBSH1360 (-)	141600	87200	4X 6GE-34Y	136	1,62	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz
FP-FU/4xBSH1760 (-)	168400	104800	4X 6FE-44Y	176	1,61	380-420V / 3~ / 50 Hz 440-480V / 3~ / 60 Hz



“Each stable temperature value is the result of disciplined technical work.”

“Her stabil sıcaklık değeri, disiplinli bir teknik çalışmanın sonucudur.”



COOLING GROUPS
SOĞUTMA GRUPLARI

FP-CU/DFS (+)

FP-FU/DFH (-)

FP-FU/DFS (-)

SPLIT COOLING GROUPS

SPLİT SOĞUTMA GRUPLARI



DEFROSS SCROLL POSITIVE COOLING UNIT

DEFROSS SCROLL POZİTİF SOĞUTMA ÜNİTESİ

COLD SERIES — Evaporator Temperature -5°C, Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-CU/DFS20 (+)	4418	1626	MLZ 015 T5LP9A	2	2,72	220V/1~/50 Hz
FP-CU/DFS30 (+)	5842	1979	MLZ 021 T5LP9A	3	2,95	220V/1~/50 Hz
FP-CU/DFS40 (+)	9110	3062	MLZ 030 T5LC9A	4	2,98	220V/1~/50 Hz
FP-CU/DFS50 (+)	10830	3681	MLZ 038 T5LC9A	5	2,94	220V/1~/50 Hz
FP-CU/DFS20 (+)	4339	1510	MLZ 015 T4LP9A	2	2,87	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DFS30 (+)	6054	2030	MLZ 021 T4LP9A	3	2,98	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DFS35 (+)	7456	2584	MLZ 026 T4LP9A	3,5	2,89	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DFS40 (+)	9100	2995	MLZ 030 T4LC9A	4	3,04	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DFS50 (+)	10850	3433	MLZ 038 T4LC9A	5	3,16	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DFS60 (+)	13250	4329	MLZ 045 T4LC9A	6	3,06	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DFS70 (+)	14520	4790	MLZ 048 T4LC9A	7	3,03	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DFS75 (+)	16850	5489	MLZ 058 T4LC9A	7,5	3,07	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DFS90 (+)	19580	6299	MLZ 066 T4LC9A	9	3,11	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-CU/DFS100 (+)	22450	7234	MLZ 076 T4LC9A	10	3,10	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz



SPLIT COOLING GROUPS

SPLİT SOĞUTMA GRUPLARI

DEFROSS HERMETIC NEGATIVE COOLING UNIT / COLD SERIES

DEFROSS HERMETİK NEGATİF SOĞUTMA ÜNİTESİ

Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-FU/DFH18 (-)	1777	1328	NTZ 048	1,8	1,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DFH23 (-)	2873	2017	NTZ 068	2,3	1,42	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DFH35 (-)	3531	3062	NTZ 096	3,5	1,15	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DFH37 (-)	4249	2907	NTZ 108	3,75	1,46	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DFH40 (-)	5363	4017	NTZ 136	4	1,34	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DFH61 (-)	8319	5753	NTZ 215	6,1	1,45	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DFH85 (-)	11330	7600	NTZ 271	8,5	1,49	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz

SPLIT COOLING GROUPS

SPLİT SOĞUTMA GRUPLARI



DEFROSS SCROLL NEGATIVE COOLING UNIT

DEFROSS SCROLL NEGATİF SOĞUTMA ÜNİTESİ

/ COLD SERIES Evaporator Temperature -25°C
Condenser Temperature +40°C

TYPE	Q WATT	TP WATT	COMP. TYPE	HP	C.O.P	POWER SUPPLY
FP-FU/DFS40 (-)	4000	2736	LLZ 013 T4LQ9A	4	1,46	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DFS50 (-)	4868	3256	LLZ 015 T4LQ9A	5	1,50	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DFS60 (-)	5724	3694	LLZ 018 T4LQ9A	6	1,55	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DFS80 (-)	7311	4642	LLZ 024 T4LQ9	8	1,57	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz
FP-FU/DFS100 (-)	9898	6265	LLZ 034 T4LQ9A	10	1,58	380–420V / 3~ / 50 Hz 440–480V / 3~ / 60 Hz


“In the future, the most valuable form of **energy** will be properly managed heat.”
“Gelecekte, en değerli **enerji** türü doğru şekilde yönetilen ısı olacaktır.”

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