Copeland Scroll™

ZX Condensing Unit for Refrigeration Applications

Product Catalogue

COPELAND™

EMERSON™

ZX condensing unit for refrigeration applications

Emerson offers the ZX platform refrigeration condensing units specifically designed for medium temperature (ZX-MT & ZXB-MT), low temperature (ZXL-LT), digital modulated variable capacity medium temperature and low temperature (ZXD-MT & ZXLD-LT) refrigeration.

ZX series CDU has been highly successful in the Asian market and enjoys proven success with its energy savings and customer-friendly electronic features.

ZX Platform Condensing Unit was designed based on three factors demanded by industry users:

Intelligent Store Solutions - A most innovative approach to enterprise facility management, Emerson's Intelligent Store™ architecture integrates hardware and services to provide retailers a single view into their entire network of facilities and understanding what facilities actually cost to operate and maintain.
The Intelligent Store architecture transforms data from store equipment and controls into actionable insights. Designed to deliver value in both new and existing stores, Emerson aims to help retailers:

- Make better decisions on resources investment for maximum impact
- Receive accurate feedback and service customized to meet your specific needs
- Reduce operational costs and boost the profitability

Energy Efficiency - Utilizing Copeland Scroll™ compressor technology, variable speed fan motor, large capacity condenser coil and advanced control algorithms, energy consumption is significantly reduced. End-users can save more than 20% on annual energy costs compared to using hermetic reciprocating units.

Reliability - Combining the proven reliability of Copeland Scroll compressors with advanced electronics controller and diagnostics, equipment reliability is greatly enhanced. Fault code alerts and fault code retrieval capabilities provide information to help improve speed and accuracy of system diagnostics. Integrated electronics provide protection against over-current, overheating, incorrect phase rotation, compressor cycling, high pressure resets and low pressure cut-outs. It can also send out a warning message to the operator when there is liquid floodback, which can prevent critical damage to the unit.

Intelligent store	→	Better decision-making
Highest efficiency	→	Lower energy bills
Reliability	→	Lower maintenance cost

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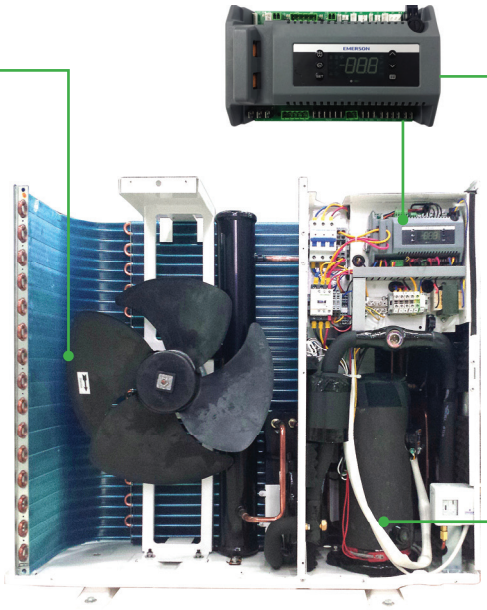
Variable speed fan motor and high efficiency fan blade



Optimized condenser coil for maximum heat transfer

ZX, ZXB and ZXL Family

Proprietary electronic algorithms present advantages for diagnostic, communication and protection. They are also essential to controlling fan speed and in optimizing energy performance for local seasonal ambient temperatures.

ZXD, ZXLD Family

Capacity modulation for precise control of room temperature.

Design features:

- Real time monitoring of compressor operating conditions
- Compressor reverse rotation
- Compressor overcurrent
- Compressor internal motor protector trip
- Discharge gas overheat
- Overvoltage
- Undervoltage
- High pressure cut-out
- Low pressure cut-out (only on MT series)
- Refrigerant floodback
- Compressor minimum off time
- Internal thermal sensor failure
- Intelligent store solution: communication and retail store monitoring

Copeland scroll™ compressor technology - high efficiency, ultra quiet, high reliability

Figure 1. ZX Platform CDU features

Features	Owner/Enterprise Benefits
Intelligent store solution	• Retail store monitoring • Enhanced energy savings • High-end food safety through real time monitoring
Energy saving	• Lower operating costs
Diagnostic protection capabilities	• Greatly reduces the chance of nuisance service calls • Extends the life of your equipment • Reduces potential service costs • Keeps equipment operating at their original performance levels to ensure optimum energy efficiency and temperature control • Serves as a guide to what the contractor needs to fix in case of malfunction
Slim profile, lighter weight and optional wall mount capability	• Lower installation costs • Enhances the appearance of your enterprise site • Avoids more costly solutions arising from potential location issues
Sound improvement	• Creates a more comfortable environment for guests • Beneficial for regions with noise ordinances

Nomenclature

ZX	L	020	B	E	-	TFD	-	451
Unit family	Blank = Medium temp B = R134a Medium temp L = Low temp D = Digital medium temp LD = Digital low temp	2 - 20 HP	Generation	E = Ester oil 0= Mineral oil		PFJ = 220V/240V - 1ph - 50 Hz PFV = 208V/230V - 1ph - 60Hz TFD = 380V/420V - 3ph - 50 Hz TF5=200V/230V - 3ph - 60 Hz TF7 = 380 - 3ph - 60 Hz		Bill of material
Base Model						Electrical Code		Bill of Material

Bill of material

CDU Family	ZX				ZXB		ZXL			ZXD		ZXLD
BOM	401 501	451 551	462	481 581	401	451	451 551	462	471	451 551	462	551
Liquid line filter dryer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Moisture indicator	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oil separator		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Accumulator							✓	✓	✓			✓
Adjustable LP switch	✓	✓		✓	✓	✓	✓	✓	✓			
LP transducer			✓					✓		✓	✓	✓
Fixed LP switch	✓	✓	✓							✓	✓	
Fixed HP switch	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Coresense™	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Digital modulation										✓	✓	✓
Intelligent store solution module	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fan speed controller	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Circuit breaker	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sound jacket	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Low ambient kit				✓								

BOM:
4xx - Chassis with door
5xx - Chassis without door

CoreSense™ for ZX platform condensing unit

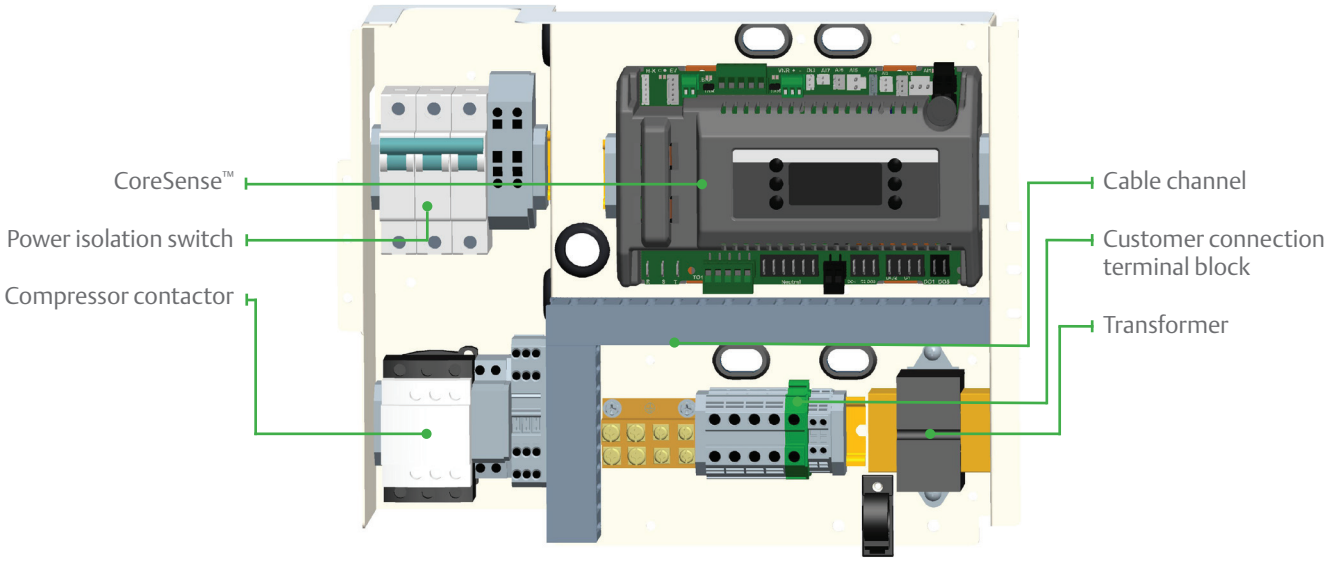
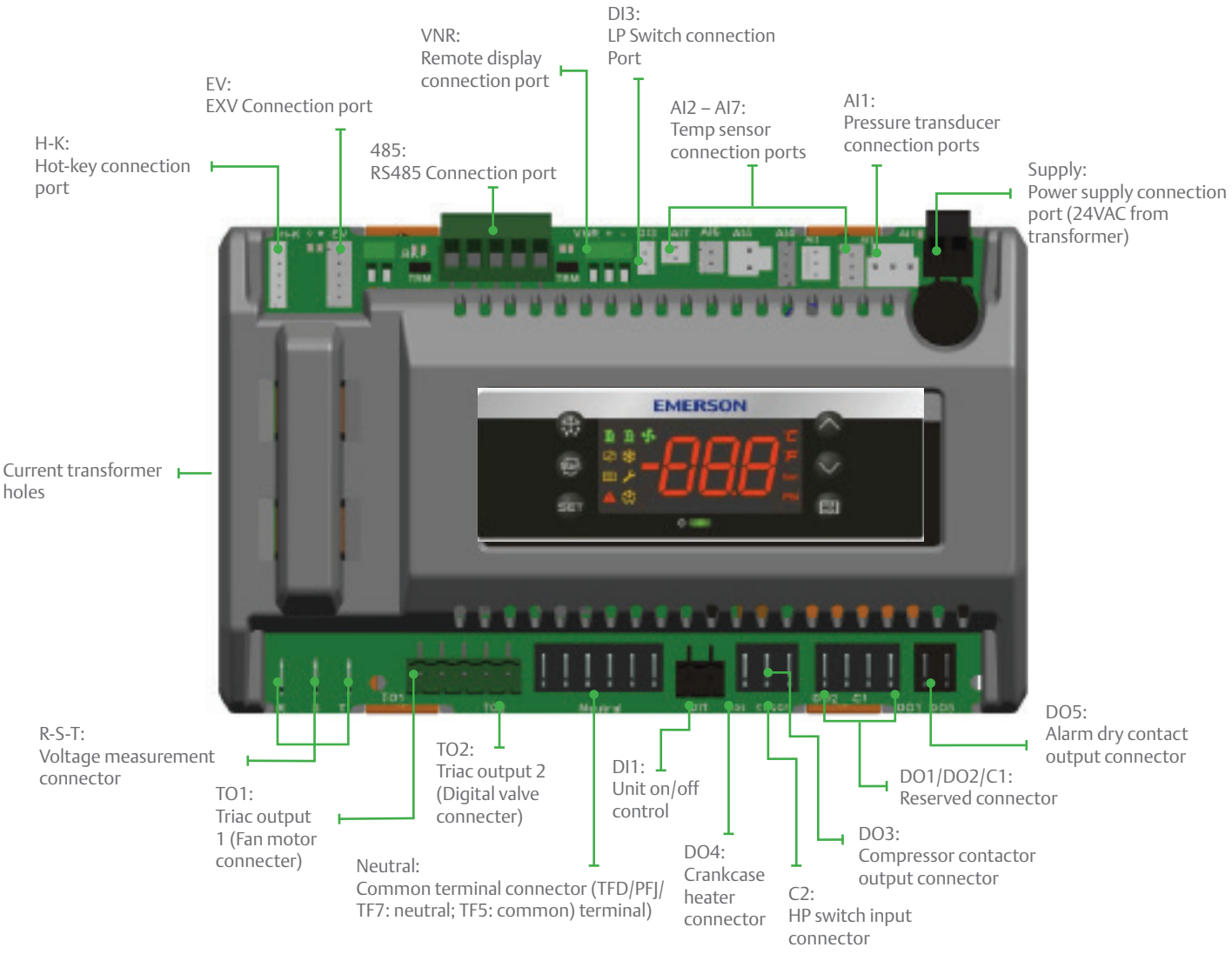


Figure 2. Layout of the CoreSense™, Intelligent Store Module

CoreSense™ layout

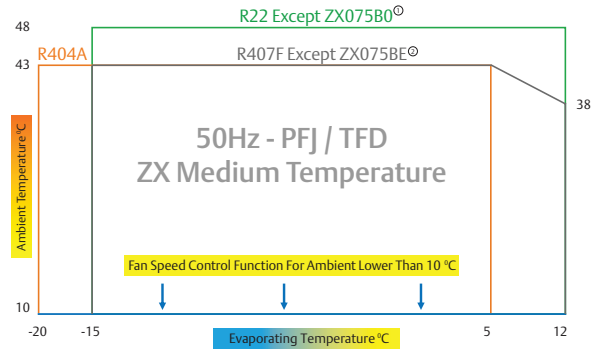


Operating envelopes

ZX Family : Medium temperature

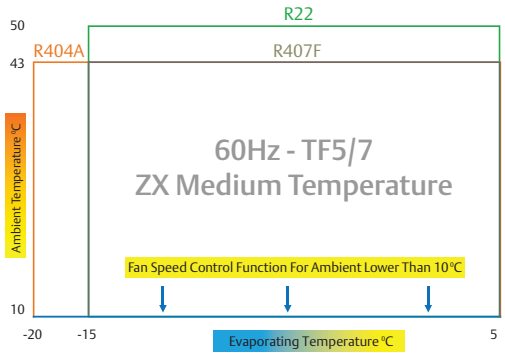
ZX Medium Temperature at 50 Hz - PFJ / TFD

Refrigerant –R404A, R22, R407F
Maximum Suction Gas Temperature: 20°C



ZX Medium Temperature at 60 Hz - PFV/TF5/TF7

Refrigerant –R404A, R22, R407F
Maximum Suction Gas Temperature: 20°C

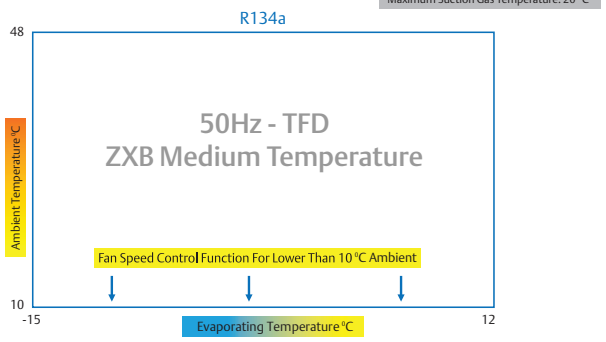


Note①: For model ZX075B0 (R22) Max Amb: 43°C , Max Evap: 5°C
Note②: For model ZX075BE (R407F) Max Evap: 5°C

ZXB Family : Medium temperature

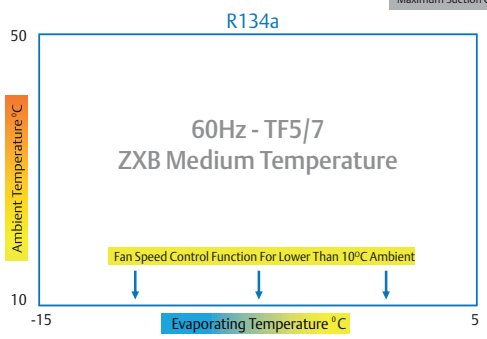
ZXB Medium Temperature at 50 Hz - TFD

Refrigerant – R134a
Maximum Suction Gas Temperature: 20 °C



ZXB Medium Temperature at 60 Hz-TF5/7

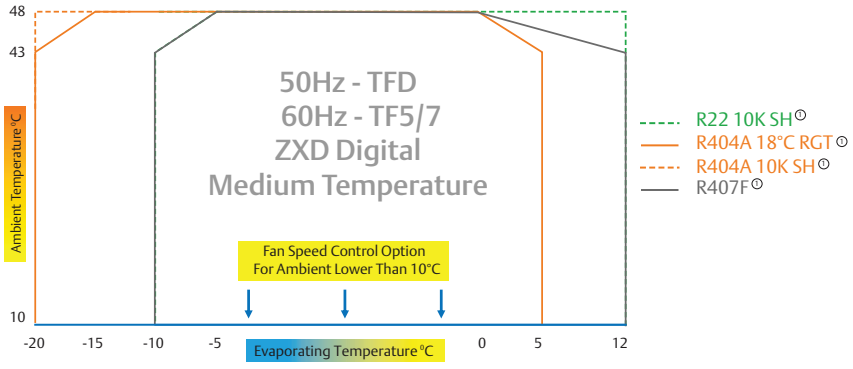
Refrigerant – R134a
Maximum Suction Gas Temperature: 20°C



ZXD Family : Digital medium temperature

ZXD Digital Medium Temperature at 50 Hz - TFD
at 60 Hz - TF5/7

Refrigerant – R404A, R22, R407F
Maximum Suction Gas Temperature: 20°C
(R22 50Hz-TFD is with 10K SH)



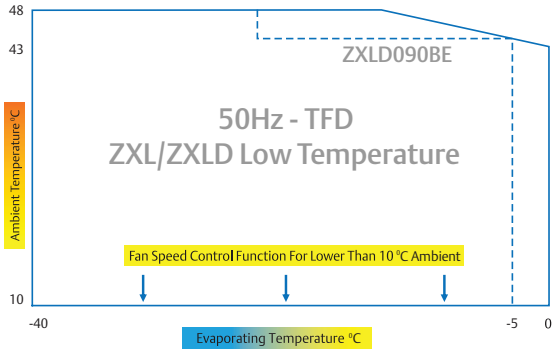
Note: For model ZXD075B0/E Max Amb: 43°C , Max Evap: 5°C
For model ZXD090BE Max Amb: 43°C , Max Evap: 0°C

Operating envelopes

ZXL/ZXLD Family : Low temperature

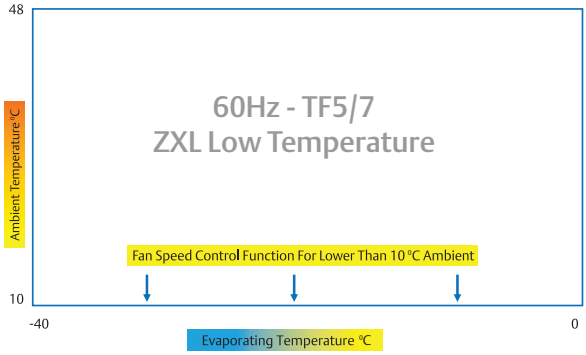
ZXL/ZXLD Low Temperature at 50 Hz - TFD

Refrigerant - R404A, R22, R407F
Maximum Suction Gas Temperature: 20 °C

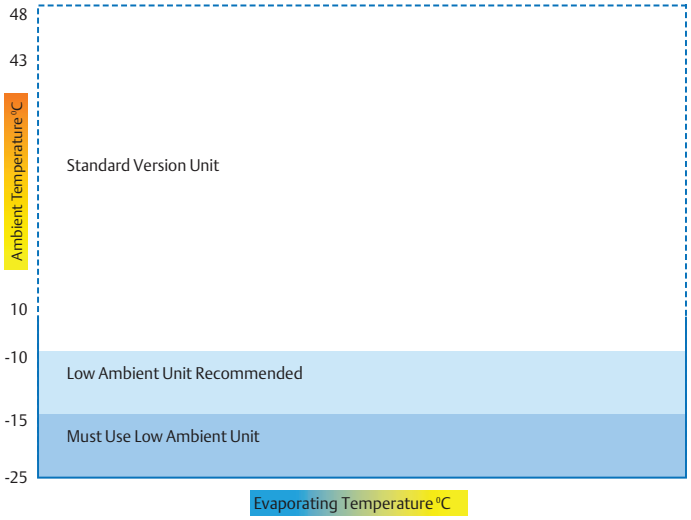


ZXL Low Temperature at 60 Hz - PFV/TF5/TF7

Refrigerant –R404A, R22, R407F
Maximum Suction Gas Temperature: 20 °C



Guideline for using low ambient units



Note: For applications under -25°C ambient temperature, please contact Application Engineering.

ZX Family: Medium temperature

Capacity and power (kW) at 50 Hz - PFJ/TFD

R22

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)							Power evaporating temperature (°C)						
		-15	-10	-5	0	5	10	12	-15	-10	-5	0	5	10	12
ZX020B0	27	2.84	3.61	4.18	4.95	5.87	7.03	7.45	1.33	1.37	1.41	1.47	1.53	1.70	1.79
	32	2.65	3.33	4.01	4.75	5.61	6.54	6.96	1.45	1.50	1.58	1.64	1.71	1.84	1.88
	38	2.38	3.11	3.81	4.55	5.37	6.19	6.68	1.62	1.74	1.83	1.87	1.91	2.03	2.08
	43	1.93	2.74	3.48	4.23	5.06	5.99	6.33	1.78	1.83	1.95	2.05	2.11	2.20	2.25
	48	1.68	2.30	3.18	3.87	4.69	5.51	5.80	2.21	2.31	2.44	2.51	2.54	2.55	2.64
ZX025B0[1]	27	3.52	4.17	4.96	5.91	7.07	8.44	9.06	1.43	1.49	1.55	1.66	1.75	1.83	1.95
	32	3.35	4.02	4.79	5.68	6.73	7.96	8.50	1.59	1.64	1.69	1.84	1.90	2.00	2.06
	38	2.92	3.65	4.43	5.29	6.25	7.33	7.81	1.89	1.92	1.96	2.05	2.08	2.17	2.22
	43	2.39	3.20	4.02	4.88	5.79	6.79	7.22	2.10	2.15	2.22	2.29	2.33	2.37	2.45
	48	1.70	2.62	3.51	4.39	5.28	6.22	6.61	2.59	2.65	2.70	2.75	2.80	2.82	2.90
ZX030B0	27	4.30	5.20	6.28	7.57	9.09	10.22	10.80	1.95	2.04	2.17	2.20	2.23	2.43	2.49
	32	4.12	4.90	5.95	7.28	8.69	9.79	10.31	2.10	2.20	2.32	2.34	2.46	2.70	2.77
	38	3.68	4.62	5.65	6.85	8.29	9.06	9.63	2.37	2.48	2.59	2.60	2.76	3.06	3.12
	43	3.27	4.22	5.27	6.50	7.97	8.63	9.08	2.64	2.75	2.84	2.94	3.04	3.32	3.36
	48	2.40	3.55	4.65	5.67	6.86	7.97	8.50	2.98	3.18	3.28	3.35	3.50	3.64	3.69
ZX040B0	27	5.98	7.20	8.57	10.03	11.54	13.82	14.64	2.64	2.71	2.83	2.98	3.08	3.34	3.36
	32	5.46	6.73	8.13	9.62	11.16	13.01	13.85	2.81	2.90	3.06	3.19	3.33	3.68	3.68
	38	4.72	6.01	7.42	8.93	10.48	12.09	13.04	3.08	3.27	3.39	3.49	3.65	4.09	4.07
	43	4.09	5.37	6.78	8.27	9.80	11.61	12.25	3.29	3.52	3.68	3.80	3.95	4.38	4.39
	48	3.55	4.50	6.20	7.57	9.08	10.68	11.23	4.16	4.46	4.49	4.72	4.80	5.07	5.18
ZX050B0[2]	27	7.13	8.76	10.44	12.22	14.12	17.28	18.22	2.88	3.03	3.18	3.29	3.47	4.16	4.28
	32	6.77	8.31	9.96	11.72	13.68	16.62	17.47	3.37	3.35	3.57	3.67	3.97	4.50	4.58
	38	6.24	7.69	9.28	11.06	13.06	15.31	16.34	3.77	3.87	4.07	4.27	4.47	4.98	5.10
	43	5.44	6.80	8.36	10.15	12.21	14.60	15.47	4.27	4.27	4.47	4.66	4.96	5.46	5.56
	48	3.96	5.80	7.62	9.49	11.47	13.49	14.40	5.14	5.21	5.44	5.61	5.80	6.01	6.04
ZX060B0[2]	27	8.50	10.41	12.49	14.72	17.66	19.64	20.60	3.51	3.70	3.88	4.16	4.43	4.98	5.32
	32	7.71	9.93	11.71	13.94	16.30	18.87	20.10	3.88	4.07	4.25	4.43	4.71	5.29	5.47
	38	6.81	8.42	10.57	12.85	15.26	17.77	18.92	4.34	4.53	4.71	4.90	5.08	5.86	5.98
	43	5.91	7.23	9.40	11.78	14.26	16.33	17.86	4.90	5.17	5.45	5.64	5.73	6.57	6.66
	48	4.97	7.00	9.25	11.15	13.08	15.09	16.06	6.02	6.22	6.46	6.69	6.96	7.22	7.45
ZX075B0[2]	27	10.03	12.20	14.41	17.23	20.87			4.34	4.54	4.76	4.98	5.22		
	32	9.45	11.24	13.90	16.63	20.21			4.77	4.95	5.19	5.51	5.91		
	38	8.83	10.85	13.25	15.50	19.42			5.36	5.53	5.83	6.25	6.80		
	43	8.18	10.00	12.29	14.30	18.49			5.95	6.10	6.43	6.93	7.62		
ZX076B0[2]	27	10.23	12.44	14.70	17.60	21.29	25.49	27.01	4.25	4.45	4.66	4.88	5.12	5.47	5.64
	32	9.64	11.46	14.18	16.96	20.61	24.03	25.58	4.67	4.85	5.09	5.40	5.79	5.86	5.97
	38	9.01	11.07	13.52	15.80	19.81	22.85	24.65	5.26	5.42	5.72	6.12	6.67	6.64	6.81
	43	8.34	10.20	12.54	14.60	18.86	22.34	23.57	5.83	5.98	6.30	6.79	7.47	7.34	7.48
	48	7.24	8.55	11.46	14.09	17.47	20.55	21.61	6.79	7.04	7.40	7.89	8.43	8.74	8.78

Notes: [1] Available on PFJ models only
[2] Available on TFD models only
The rating condition is based on a return gas temperature of 18.3°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZX Family: Medium temperature

Capacity and power (kW) at 60 Hz - TF5/TF7

R22

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)					Power evaporating temperature (°C)				
		-15	-10	-5	0	5	-15	-10	-5	0	5
ZX020B0	27	3.62	4.42	5.36	6.43	7.59	1.69	1.71	1.69	1.69	1.71
	32	3.41	4.22	5.17	6.20	7.29	1.89	1.91	1.90	1.89	1.90
	38	2.88	3.77	4.75	5.78	6.84	2.13	2.17	2.17	2.17	2.18
	43	2.20	3.19	4.24	5.31	6.38	2.35	2.41	2.42	2.43	2.45
	48	1.30	2.43	3.58	4.73	5.84	2.59	2.67	2.71	2.73	2.75
	50	0.88	2.07	3.27	4.46	5.60	2.69	2.78	2.83	2.85	2.89
ZX030B0	27	5.12	6.20	7.29	8.90	10.54	2.42	2.53	2.69	2.73	2.77
	32	4.91	5.84	6.98	8.48	10.00	2.60	2.73	2.88	2.90	3.05
	38	4.39	5.51	6.53	7.96	9.38	2.94	3.08	3.21	3.22	3.42
	43	3.90	5.03	5.94	7.35	8.74	3.27	3.41	3.52	3.65	3.77
	48	2.86	4.23	5.01	6.45	7.86	3.70	3.94	4.07	4.15	4.34
	50	2.45	3.12	4.51	5.98	7.40	3.86	4.16	4.29	4.36	4.57
ZX040B0	27	7.36	8.83	10.52	12.37	14.31	3.25	3.35	3.52	3.75	4.02
	32	7.06	8.54	10.21	12.02	13.92	3.55	3.63	3.79	4.01	4.28
	38	6.37	7.87	9.55	11.34	13.20	4.05	4.11	4.26	4.48	4.75
	43	5.62	7.16	8.86	10.66	12.50	4.55	4.60	4.73	4.95	5.22
	48	4.82	6.41	8.14	9.96	11.81	5.09	5.12	5.25	5.46	5.74
	50	4.50	6.12	7.87	9.70	11.55	5.30	5.33	5.46	5.67	5.95
ZX050B0	27	8.55	10.51	12.53	14.66	16.95	3.54	3.72	3.91	4.05	4.27
	32	8.12	9.97	11.95	14.06	16.42	4.15	4.13	4.39	4.52	4.88
	38	7.49	9.23	11.14	13.28	15.68	4.64	4.76	5.00	5.25	5.49
	43	6.53	8.16	10.03	12.18	14.65	5.25	5.25	5.49	5.74	6.10
	48	4.75	6.96	9.14	11.39	13.76	6.33	6.40	6.69	6.90	7.13
	50	4.04	6.48	8.79	11.07	13.41	6.76	6.87	7.16	7.37	7.55
ZX060B0	27	10.20	12.49	14.99	17.66	21.19	4.39	4.62	4.85	5.20	5.54
	32	9.25	11.92	14.05	16.73	19.56	4.85	5.08	5.31	5.54	5.89
	38	8.17	10.10	12.68	15.42	18.31	5.43	5.66	5.89	6.12	6.35
	43	7.09	8.68	11.28	14.14	17.11	6.12	6.47	6.81	7.04	7.16
	48	5.96	8.40	11.10	13.38	15.70	7.53	7.77	8.07	8.37	8.70
	50	5.51	8.29	11.03	13.08	15.13	8.09	8.16	8.44	8.75	9.00
ZX075B0	27	11.25	14.06	16.61	19.89	24.05	5.10	5.34	5.59	5.86	6.14
	32	10.60	12.95	16.02	19.16	23.29	5.60	5.82	6.11	6.48	6.95
	38	9.91	12.51	15.28	17.85	22.38	6.31	6.51	6.86	7.35	8.00
	43	9.18	11.53	14.17	16.50	21.31	7.00	7.17	7.56	8.15	8.96
	48	7.96	9.66	12.95	15.92	19.74	8.15	8.45	8.88	9.47	10.12
	50	7.48	8.92	12.46	15.69	19.11	8.61	8.96	9.41	10.00	10.58

Notes: The rating condition is based on a return gas temperature of 18.3°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZX Family: Medium temperature

Capacity and power (kW) at 50 Hz - PFJ/TFD

R404A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-20	-15	-10	-5	0	5	-20	-15	-10	-5	0	5
ZX020BE	27	3.30	3.90	4.44	5.08	5.79	6.60	1.64	1.67	1.70	1.76	1.84	1.96
	32	2.85	3.39	3.92	4.48	5.08	5.76	1.79	1.81	1.84	1.90	2.00	2.12
	38	2.42	2.90	3.36	3.85	4.36	4.94	1.95	1.99	2.02	2.07	2.16	2.26
	43	1.94	2.43	2.89	3.34	3.81	4.30	2.14	2.18	2.22	2.27	2.34	2.41
ZX025BE[1]	27	3.22	3.95	4.67	5.45	6.37	7.50	1.71	1.76	1.79	1.84	1.90	1.96
	32	2.96	3.68	4.36	5.09	5.95	7.00	1.93	1.96	2.00	2.04	2.08	2.13
	38	2.61	3.31	3.96	4.64	5.41	6.37	2.19	2.23	2.26	2.29	2.32	2.35
	43	1.96	2.64	3.26	3.89	4.61	5.48	2.59	2.65	2.69	2.71	2.73	2.76
ZX030BE	27	4.04	4.87	5.81	6.85	7.99	9.23	2.14	2.19	2.24	2.32	2.42	2.55
	32	3.75	4.52	5.39	6.35	7.40	8.55	2.40	2.44	2.50	2.57	2.67	2.81
	38	3.39	4.08	4.85	5.72	6.67	7.69	2.72	2.75	2.80	2.88	3.00	3.15
	43	3.06	3.69	4.39	5.17	6.03	6.97	3.06	3.09	3.14	3.21	3.33	3.50
ZX040BE	27	5.52	6.57	7.70	8.95	10.37	12.02	2.72	2.86	3.02	3.17	3.31	3.36
	32	5.10	6.10	7.13	8.24	9.47	10.87	3.03	3.15	3.31	3.46	3.54	3.68
	38	4.61	5.60	6.57	7.57	8.64	9.85	3.45	3.58	3.71	3.85	3.97	4.03
	43	3.98	5.00	5.95	6.89	7.83	8.85	3.87	4.00	4.12	4.23	4.33	4.38
ZX050BE[2]	27	7.49	9.05	10.67	12.31	13.93	15.51	3.65	3.73	3.86	4.02	4.25	4.53
	32	6.56	8.12	9.76	11.43	13.10	14.74	4.11	4.20	4.32	4.50	4.72	5.00
	38	5.56	7.07	8.67	10.32	11.98	13.63	4.59	4.68	4.79	4.96	5.16	5.42
	43	4.88	6.28	7.79	9.37	10.98	12.58	5.11	5.17	5.27	5.40	5.59	5.81
ZX060BE[2]	27	8.24	9.72	11.47	13.30	15.69	18.48	3.69	3.84	4.06	4.33	4.62	4.93
	32	7.53	9.06	10.72	12.58	14.72	17.20	4.40	4.54	4.75	5.01	5.28	5.56
	38	6.74	8.25	9.83	11.55	13.48	15.69	4.93	5.05	5.25	5.47	5.72	5.98
	43	5.90	7.48	9.07	10.74	12.57	14.63	5.59	5.69	5.85	6.06	6.28	6.51
ZX075BE[2]	27	9.04	10.86	12.75	15.07	17.76	20.13	4.08	4.26	4.50	4.80	5.13	5.46
	32	8.33	10.01	11.82	13.86	16.20	18.92	4.88	5.03	5.27	5.54	5.86	6.17
	38	7.30	8.74	10.62	12.47	14.54	16.92	5.46	5.61	5.82	6.06	6.35	6.63
	43	6.26	7.93	9.61	11.38	13.32	15.50	6.20	6.32	6.49	6.71	6.96	7.22
ZX076BE[2]	27	9.22	11.07	13.00	15.37	18.12	20.53	4.00	4.17	4.41	4.70	5.03	5.35
	32	8.50	10.21	12.06	14.14	16.53	19.30	4.78	4.93	5.16	5.43	5.74	6.05
	38	7.45	8.91	10.83	12.72	14.83	17.26	5.35	5.50	5.70	5.94	6.22	6.50
	43	6.39	8.09	9.80	11.61	13.59	15.81	6.07	6.19	6.36	6.57	6.82	7.07

Notes: [1] Available on PFJ models only
[2] Available on TFD models only
The rating condition is based on a return gas temperature of 18.3°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZX Family: Medium temperature

Capacity and power (kW) at 60 Hz - PFV/TF5/TF7

R404A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-20	-15	-10	-5	0	5	-20	-15	-10	-5	0	5
ZX020BE	27	3.50	4.26	4.98	5.77	6.71	7.89	1.84	1.87	1.90	1.95	2.00	2.05
	32	3.15	3.94	4.66	5.40	6.25	7.30	2.09	2.10	2.12	2.16	2.20	2.24
	38	2.69	3.52	4.24	4.93	5.69	6.60	2.42	2.42	2.44	2.47	2.50	2.54
	43	2.22	3.09	3.82	4.48	5.17	5.97	2.71	2.71	2.73	2.76	2.81	2.85
ZX030BE	27	5.02	5.98	7.05	8.17	9.29	10.36	2.69	2.80	2.92	3.05	3.17	3.29
	32	4.62	5.56	6.63	7.75	8.88	9.97	2.98	3.06	3.16	3.26	3.36	3.45
	38	4.14	5.02	6.02	7.10	8.18	9.23	3.38	3.46	3.55	3.65	3.75	3.85
	43	3.78	4.56	5.47	6.46	7.47	8.44	3.74	3.84	3.95	4.08	4.21	4.33
ZX040BE	27	6.71	8.02	9.60	11.30	13.00	14.59	3.72	3.79	3.89	3.99	4.10	4.18
	32	6.46	7.70	9.20	10.81	12.42	13.90	3.84	3.92	4.02	4.14	4.26	4.35
	38	5.90	7.05	8.45	9.95	11.43	12.76	4.32	4.40	4.50	4.62	4.74	4.84
	43	5.36	6.43	7.73	9.12	10.49	11.69	4.89	4.95	5.05	5.16	5.27	5.37
ZX050BE	27	8.10	9.70	11.55	13.54	15.53	17.38	4.42	4.63	4.86	5.11	5.35	5.57
	32	8.05	9.56	11.33	13.21	15.09	16.83	4.59	4.78	4.99	5.22	5.45	5.66
	38	7.46	8.86	10.50	12.25	13.99	15.58	5.10	5.27	5.48	5.70	5.93	6.13
	43	6.81	8.10	9.63	11.26	12.88	14.33	5.62	5.80	6.01	6.24	6.47	6.69
ZX060BE[1]	27	9.84	11.77	13.96	16.31	18.74	21.15	5.06	5.24	5.49	5.76	6.01	6.20
	32	9.25	11.09	13.16	15.36	17.60	19.79	5.39	5.58	5.82	6.09	6.35	6.55
	38	8.30	10.09	12.06	14.13	16.19	18.16	6.09	6.25	6.48	6.74	6.99	7.19
	43	7.32	9.11	11.04	13.03	14.98	16.82	6.82	6.96	7.17	7.41	7.65	7.83
ZX075BE[1]	27	11.16	13.39	14.92	17.64	19.93	22.58	4.80	5.00	5.69	6.06	6.54	6.96
	32	10.29	12.35	13.84	16.23	18.18	21.23	5.74	5.92	6.66	7.00	7.46	7.87
	38	9.01	10.78	12.43	14.60	16.31	18.99	6.42	6.60	7.35	7.66	8.09	8.45
	43	7.73	9.79	11.25	13.33	14.95	17.39	7.28	7.43	8.20	8.48	8.87	9.19

Notes: [1]Available on TF5/TF7 models only
The rating condition is based on a return gas temperature of 18.3°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZX Family: Medium temperature
Capacity and power (kW) at 50 Hz - PFJ/TFD

R407F

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)							Power evaporating temperature (°C)						
		-15	-10	-5	0	5	10	12	-15	-10	-5	0	5	10	12
ZX020BE	27	3.63	4.32	5.07	5.79	6.45	7.24	7.62	1.55	1.67	1.76	1.87	1.99	2.06	2.14
	32	3.36	3.98	4.69	5.39	6.07	6.90	7.30	1.77	1.85	1.93	2.05	2.22	2.35	2.46
	38	2.79	3.35	4.02	4.74	5.46	6.35	6.78	2.11	2.18	2.27	2.44	2.70	2.92	3.06
	43	2.21	2.74	3.40	4.14	4.91			2.40	2.48	2.61	2.84	3.20		
ZX025BE	27	3.91	4.83	5.80	6.82	7.91	9.05	9.53	1.72	1.85	1.92	1.96	2.00	2.09	2.14
	32	3.63	4.45	5.35	6.35	7.44	8.63	9.13	1.97	2.05	2.10	2.15	2.23	2.38	2.46
	38	3.01	3.74	4.59	5.58	6.69	7.94	8.48	2.35	2.41	2.47	2.56	2.71	2.96	3.09
	43	2.39	3.06	3.88	4.87	6.03			2.67	2.74	2.83	2.98	3.22		
ZX030BE	27	5.01	6.13	7.30	8.53	9.88	11.32	11.91	2.20	2.39	2.47	2.58	2.64	2.78	2.85
	32	4.64	5.65	6.75	7.94	9.31	10.79	11.41	2.44	2.63	2.67	2.77	2.97	3.16	3.27
	38	3.85	4.75	5.79	6.97	8.37	9.93	10.60	2.86	3.00	3.11	3.23	3.57	3.90	4.07
	43	3.06	3.88	4.89	6.09	7.53			3.11	3.28	3.43	3.49	4.03		
ZX040BE	27	6.81	8.21	9.64	11.09	12.65	14.37	15.13	2.87	3.18	3.26	3.38	3.41	3.57	3.66
	32	6.31	7.57	8.91	10.33	11.91	13.70	14.49	3.18	3.49	3.53	3.64	3.84	4.06	4.20
	38	5.24	6.36	7.64	9.07	10.71	12.61	13.46	3.72	3.98	4.10	4.24	4.61	5.01	5.23
	43	4.16	5.20	6.46	7.92	9.64			4.04	4.36	4.53	4.59	5.21		
ZX050BE	27	8.11	10.02	11.73	13.53	15.71	18.56	19.95	3.62	3.70	3.92	4.20	4.46	4.62	4.64
	32	7.42	9.44	11.19	12.96	15.04	17.74	19.05	4.07	4.16	4.39	4.69	4.96	5.14	5.16
	38	6.32	8.44	10.22	11.95	13.91	16.41	17.61	4.61	4.71	4.95	5.26	5.54	5.73	5.76
	43	5.32	7.53	9.33	11.01	12.87			5.12	5.22	5.46	5.77	6.06		
ZX060BE	27	9.24	11.22	13.02	15.16	18.23	21.53	23.15	3.93	3.87	4.07	4.36	4.79	4.96	4.98
	32	8.46	10.57	12.42	14.51	17.45	20.57	22.09	4.50	4.48	4.62	5.00	5.38	5.57	5.60
	38	7.20	9.45	11.35	13.38	16.14	19.03	20.43	5.05	5.02	5.19	5.50	6.07	6.27	6.30
	43	6.07	8.44	10.36	12.33	14.93			5.56	5.51	5.66	5.98	6.44		
ZX075BE	27	10.07	12.23	14.19	16.52	19.68			4.32	4.22	4.39	4.65	5.08		
	32	9.23	11.52	13.53	15.82	18.85			4.92	4.89	5.04	5.47	5.81		
	38	7.85	10.31	12.37	14.59	17.43			5.68	5.64	5.80	6.16	6.74		
	43	6.62	9.20	11.29	13.45	16.12			6.38	6.29	6.46	6.81	7.28		
ZX076BE	27	10.28	12.48	14.48	16.85	20.08	23.72	25.50	4.44	4.31	4.43	4.64	5.08	5.26	5.28
	32	9.41	11.75	13.80	16.14	19.23	22.66	24.34	5.03	5.01	5.14	5.60	5.93	6.14	6.16
	38	8.01	10.51	12.62	14.88	17.78	20.96	22.51	5.97	5.94	6.07	6.44	7.08	7.34	7.38
	43	6.75	9.38	11.52	13.71	16.44			6.84	6.72	6.90	7.26	7.76		

Notes: The rating condition is based on a return gas temperature of 18.3°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZX Family: Medium temperature
Capacity and power (kW) at 60 Hz - PFV/TF5/TF7

R407F

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)					Power evaporating temperature (°C)				
		-15	-10	-5	0	5	-15	-10	-5	0	5
ZX020BE	27	4.51	5.36	6.27	7.14	7.92	2.01	2.11	2.20	2.28	2.41
	32	4.17	4.93	5.78	6.63	7.44	2.29	2.33	2.41	2.50	2.68
	38	3.45	4.13	4.95	5.81	6.68	2.73	2.74	2.83	2.97	3.25
	43	2.73	3.37	4.18	5.07	6.00	3.10	3.11	3.24	3.45	3.85
ZX030BE	27	6.23	7.60	9.03	10.51	12.14	2.86	3.02	3.08	3.15	3.19
	32	5.76	6.99	8.32	9.77	11.41	3.17	3.31	3.33	3.38	3.58
	38	4.77	5.86	7.13	8.56	10.24	3.70	3.76	3.87	3.93	4.30
	43	3.78	4.78	6.01	7.46	9.20	4.01	4.11	4.26	4.24	4.84
ZX040BE	27	8.47	10.18	11.91	13.66	15.54	3.72	4.01	4.07	4.13	4.12
	32	7.83	9.36	10.99	12.70	14.60	4.12	4.39	4.39	4.43	4.63
	38	6.49	7.85	9.41	11.13	13.11	4.82	5.00	5.10	5.16	5.56
	43	5.14	6.41	7.94	9.70	11.78	5.22	5.46	5.62	5.57	6.26
ZX050BE	27	10.08	12.42	14.50	16.67	19.30	4.71	4.67	4.89	5.13	5.40
	32	9.21	11.68	13.80	15.94	18.45	5.27	5.23	5.47	5.71	5.99
	38	7.82	10.42	12.58	14.67	17.03	5.97	5.91	6.16	6.39	6.68
	43	6.58	9.28	11.47	13.49	15.71	6.61	6.54	6.77	7.00	7.28
ZX060BE[1]	27	11.49	13.91	16.09	18.68	22.39	5.11	4.88	5.08	5.32	5.80
	32	10.50	13.08	15.31	17.85	21.40	5.83	5.63	5.76	6.09	6.49
	38	8.92	11.67	13.97	16.43	19.75	6.54	6.31	6.45	6.69	7.31
	43	7.50	10.40	12.73	15.11	18.23	7.17	6.91	7.03	7.26	7.75
ZX075BE[1]	27	12.53	15.16	17.54	20.36	24.18	5.61	5.32	5.48	5.68	6.14
	32	11.45	14.25	16.69	19.45	23.11	6.38	6.16	6.28	6.67	7.01
	38	9.72	12.72	15.23	17.91	21.33	7.35	7.09	7.21	7.49	8.12
	43	8.18	11.33	13.87	16.47	19.69	8.23	7.89	8.02	8.27	8.75

Notes: [1]Available on TF5/TF7 models only
The rating condition is based on a return gas temperature of 18.3°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXB Family: Medium temperature

Capacity and power (kW) at 50 Hz - TFD

R134a

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)							Power evaporating temperature (°C)						
		-15	-10	-5	0	5	10	12	-15	-10	-5	0	5	10	12
ZXB015BE	27	2.42	2.92	3.48	4.11	4.83	5.65	6.01	1.10	1.08	1.09	1.11	1.14	1.16	1.16
	32	2.37	2.87	3.42	4.03	4.72	5.52	5.86	1.20	1.18	1.18	1.21	1.25	1.28	1.29
	38	2.26	2.76	3.30	3.89	4.56	5.31	5.64	1.34	1.32	1.33	1.36	1.41	1.46	1.47
	43	2.14	2.64	3.18	3.76	4.40	5.13	5.44	1.49	1.47	1.48	1.52	1.58	1.64	1.66
	48	2.01	2.52	3.05	3.61	4.24	4.94	5.24	1.67	1.64	1.66	1.71	1.77	1.84	1.87
ZXB020BE	27	2.74	3.41	4.14	4.94	5.78	6.67	7.03	1.08	1.07	1.10	1.14	1.19	1.23	1.25
	32	2.63	3.29	4.01	4.80	5.63	6.51	6.87	1.21	1.20	1.23	1.27	1.33	1.38	1.40
	38	2.47	3.12	3.84	4.61	5.43	6.29	6.64	1.38	1.38	1.41	1.46	1.52	1.58	1.60
	43	2.36	2.99	3.70	4.45	5.26	6.10	6.44	1.53	1.53	1.57	1.62	1.69	1.75	1.78
	48	2.27	2.90	3.58	4.32	5.10	5.92	6.25	1.69	1.69	1.73	1.78	1.85	1.93	1.95
ZXB025BE	27	2.98	3.70	4.46	5.28	6.19	7.20	7.63	1.25	1.28	1.34	1.42	1.52	1.62	1.66
	32	2.89	3.59	4.33	5.14	6.02	7.00	7.43	1.37	1.41	1.48	1.56	1.66	1.75	1.79
	38	2.79	3.47	4.18	4.95	5.80	6.75	7.16	1.53	1.59	1.67	1.76	1.86	1.96	1.99
	43	2.72	3.37	4.05	4.79	5.61	6.52	6.91	1.67	1.75	1.85	1.96	2.07	2.17	2.20
	48	2.65	3.27	3.92	4.62	5.40	6.27	6.65	1.83	1.94	2.06	2.18	2.30	2.41	2.44
ZXB030BE	27	3.74	4.53	5.45	6.49	7.66	8.95	9.49	1.50	1.54	1.62	1.73	1.83	1.93	1.96
	32	3.59	4.39	5.29	6.30	7.43	8.66	9.18	1.65	1.69	1.77	1.89	2.02	2.16	2.21
	38	3.43	4.22	5.10	6.08	7.15	8.31	8.80	1.85	1.87	1.96	2.09	2.25	2.43	2.50
	43	3.29	4.07	4.94	5.88	6.90	8.01	8.47	2.05	2.05	2.14	2.28	2.46	2.67	2.75
	48	3.14	3.91	4.75	5.66	6.64	7.67	8.11	2.30	2.29	2.36	2.51	2.70	2.94	3.03
ZXB035BE	27	5.09	6.04	7.16	8.40	9.73	11.13	11.70	1.88	2.06	2.21	2.35	2.52	2.75	2.87
	32	4.93	5.88	6.97	8.17	9.46	10.81	11.35	2.02	2.23	2.40	2.56	2.75	3.00	3.13
	38	4.76	5.67	6.72	7.88	9.11	10.37	10.88	2.22	2.45	2.65	2.84	3.05	3.32	3.46
	43	4.61	5.50	6.51	7.61	8.78	9.97	10.45	2.42	2.69	2.90	3.11	3.34	3.64	3.78
	48	4.47	5.32	6.28	7.32	8.41	9.53	9.97	2.71	2.99	3.23	3.46	3.71	4.03	4.18
ZXB040BE	27	5.48	6.65	7.93	9.34	10.88	12.55	13.26	2.19	2.22	2.33	2.49	2.70	2.95	3.05
	32	5.30	6.43	7.68	9.05	10.54	12.18	12.87	2.32	2.38	2.51	2.68	2.90	3.15	3.26
	38	5.11	6.18	7.38	8.69	10.13	11.71	12.38	2.53	2.62	2.77	2.95	3.17	3.42	3.52
	43	4.94	5.97	7.11	8.37	9.77	11.30	11.95	2.80	2.91	3.06	3.25	3.47	3.70	3.80
	48	4.76	5.73	6.82	8.03	9.36	10.84	11.47	3.18	3.31	3.47	3.66	3.87	4.09	4.18
ZXB050BE	27	6.23	7.53	9.10	10.95	13.06	15.47	16.51	2.45	2.52	2.66	2.84	3.05	3.28	3.37
	32	6.21	7.52	9.07	10.86	12.90	15.19	16.18	2.72	2.83	2.99	3.19	3.42	3.65	3.74
	38	6.17	7.45	8.93	10.63	12.54	14.67	15.59	3.07	3.21	3.41	3.63	3.87	4.10	4.19
	43	6.01	7.24	8.65	10.23	12.01	13.98	14.82	3.34	3.52	3.73	3.98	4.22	4.46	4.55
	48	5.65	6.80	8.10	9.56	11.18	12.96	13.72	3.57	3.78	4.02	4.28	4.54	4.78	4.86
ZXB060BE	27	7.34	8.70	10.14	11.76	13.65	15.91	16.94	2.92	3.13	3.38	3.63	3.89	4.14	4.24
	32	7.12	8.46	9.86	11.42	13.23	15.41	16.40	3.12	3.35	3.61	3.89	4.19	4.49	4.61
	38	6.87	8.16	9.49	10.97	12.69	14.75	15.69	3.43	3.66	3.93	4.23	4.56	4.90	5.05
	43	6.69	7.94	9.21	10.61	12.24	14.19	15.09	3.76	3.98	4.25	4.56	4.90	5.28	5.43
	48	6.59	7.78	8.98	10.30	11.83	13.67	14.51	4.20	4.39	4.65	4.96	5.32	5.71	5.87

Notes: The rating condition is based on the return gas temperature of 18.3°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXB Family: Medium temperature

Capacity and power (kW) at 60 Hz - TF5/TF7

R134a

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)					Power evaporating temperature (°C)				
		-15	-10	-5	0	5	-15	-10	-5	0	5
ZXB015BE	27	2.84	3.49	4.20	4.97	5.82	1.30	1.31	1.34	1.31	1.37
	32	2.78	3.41	4.11	4.86	5.69	1.41	1.42	1.46	1.42	1.50
	38	2.68	3.29	3.96	4.69	5.50	1.58	1.60	1.64	1.60	1.69
	43	2.56	3.16	3.81	4.52	5.30	1.76	1.78	1.83	1.78	1.89
	48	2.42	2.99	3.61	4.30	5.06	1.97	1.99	2.05	1.99	2.12
	50	2.35	2.91	3.53	4.20	4.94	2.07	2.09	2.15	2.09	2.23
ZXB020BE	27	3.31	4.11	4.99	5.95	6.97	1.29	1.32	1.37	1.32	1.43
	32	3.17	3.96	4.84	5.79	6.80	1.45	1.48	1.54	1.48	1.60
	38	2.98	3.77	4.63	5.56	6.55	1.66	1.70	1.76	1.70	1.83
	43	2.84	3.61	4.46	5.37	6.34	1.85	1.89	1.95	1.89	2.03
	48	2.74	3.49	4.32	5.21	6.15	2.04	2.08	2.15	2.08	2.24
	50	2.72	3.46	4.28	5.16	6.09	2.12	2.16	2.23	2.16	2.32
ZXB025BE	27	3.60	4.46	5.37	6.37	7.46	1.54	1.61	1.71	1.61	1.83
	32	3.49	4.33	5.23	6.19	7.26	1.70	1.78	1.89	1.78	2.00
	38	3.37	4.18	5.04	5.97	7.00	1.91	2.01	2.13	2.01	2.25
	43	3.28	4.06	4.88	5.78	6.76	2.11	2.23	2.36	2.23	2.49
	48	3.19	3.94	4.72	5.57	6.51	2.34	2.48	2.63	2.48	2.77
	50	3.16	3.89	4.66	5.49	6.41	2.43	2.59	2.74	2.59	2.90
ZXB030BE	27	4.51	5.47	6.57	7.83	9.24	1.86	1.96	2.08	1.96	2.21
	32	4.33	5.29	6.38	7.60	8.96	2.03	2.14	2.28	2.14	2.44
	38	4.14	5.09	6.15	7.33	8.62	2.25	2.36	2.52	2.36	2.72
	43	3.97	4.91	5.95	7.09	8.33	2.48	2.58	2.75	2.58	2.97
	48	3.79	4.72	5.73	6.83	8.00	2.76	2.85	3.02	2.85	3.26
	50	3.71	4.64	5.64	6.71	7.86	2.89	2.98	3.15	2.98	3.40
ZXB035BE	27	6.14	7.32	8.66	10.15	11.75	2.43	2.60	2.79	2.60	3.88
	32	5.97	7.12	8.44	9.88	11.42	2.64	2.84	3.05	2.84	3.46
	38	5.76	6.88	8.14	9.52	10.99	2.92	3.16	3.40	3.16	2.99
	43	5.58	6.66	7.87	9.19	10.59	3.22	3.48	3.75	3.48	2.62
	48	5.39	6.41	7.57	8.82	10.14	3.59	3.88	4.17	3.88	2.26
	50	5.30	6.31	7.44	8.66	9.94	3.76	4.07	4.37	4.07	2.12
ZXB040BE	27	6.61	8.02	9.57	11.26	13.12	2.68	2.81	3.00	2.81	4.03
	32	6.39	7.76	9.26	10.91	12.71	2.87	3.03	3.24	3.03	3.63
	38	6.16	7.46	8.89	10.48	12.22	3.16	3.34	3.56	3.34	3.19
	43	5.96	7.20	8.57	10.10	11.78	3.51	3.69	3.92	3.69	2.81
	48	5.74	6.91	8.22	9.68	11.29	3.99	4.18	4.41	4.18	2.42
	50	5.64	6.78	8.07	9.50	11.08	4.23	4.43	4.66	4.43	2.26
ZXB050BE	27	7.51	9.08	10.98	13.20	15.76	3.04	3.20	3.42	3.20	3.68
	32	7.49	9.07	10.94	13.09	15.55	3.41	3.61	3.85	3.61	4.12
	38	7.44	8.98	10.77	12.82	15.12	3.87	4.11	4.38	4.11	4.66
	43	7.25	8.73	10.43	12.34	14.48	4.24	4.50	4.80	4.50	5.09
	48	6.82	8.20	9.77	11.53	13.48	4.56	4.85	5.16	4.85	5.47
	50	6.55	7.89	9.40	11.08	12.95	4.67	4.97	5.29	4.97	5.61
ZXB060BE	27	8.85	10.50	12.23	14.18	16.46	3.78	4.07	4.38	4.07	4.69
	32	8.59	10.20	11.89	13.77	15.96	4.04	4.36	4.70	4.36	5.05
	38	8.28	9.84	11.45	13.23	15.30	4.41	4.74	5.10	4.74	5.50
	43	8.07	9.57	11.11	12.80	14.76	4.80	5.12	5.50	5.12	5.91
	48	7.95	9.38	10.83	12.42	14.26	5.30	5.61	5.98	5.61	6.41
	50	7.93	9.34	10.75	12.29	14.08	5.54	5.84	6.21	5.84	6.64

Notes: Based on the return gas temperature of 18.3°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXD Family: Digital medium temperature

Capacity and power (kW) at 50 Hz - TFD

R22

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-10	-5	0	5	10	12	-10	-5	0	5	10	12
ZXD030B0	27	5.32	6.09	7.21	8.70	10.63	11.53	1.76	1.93	2.05	2.09	1.99	1.90
	32	4.90	5.84	6.94	8.24	9.80	10.50	2.02	2.11	2.21	2.28	2.27	2.24
	38	4.34	5.64	6.88	8.12	9.40	9.93	2.31	2.27	2.31	2.39	2.48	2.50
	43	3.18	4.91	6.41	7.72	8.90	9.34	2.74	2.57	2.55	2.62	2.75	2.81
	48		3.08						3.25				
ZXD040B0	27	7.73	9.28	10.88	12.42	14.67	15.18	2.66	2.77	2.92	3.02	3.30	3.38
	32	7.29	8.91	10.61	12.33	14.29	14.98	2.84	3.00	3.12	3.26	3.60	3.70
	38	6.39	7.95	9.68	11.44	13.22	14.14	3.20	3.32	3.42	3.57	4.01	4.10
	43	5.71	7.27	8.97	10.70	12.69	13.29	3.44	3.60	3.72	3.86	4.29	4.40
	48		6.55	8.06	9.76	11.56	12.17		4.40	4.62	4.70	4.96	5.07
ZXD050B0	27	8.76	10.44	12.22	14.12	17.28	18.22	3.03	3.18	3.29	3.47	3.95	4.10
	32	8.31	9.96	11.72	13.68	16.62	17.47	3.35	3.57	3.67	3.97	4.50	4.58
	38	7.69	9.28	11.06	13.06	15.31	16.34	3.87	4.07	4.27	4.47	4.98	5.10
	43	6.80	8.36	10.15	12.21	14.60	15.47	4.27	4.47	4.66	4.96	5.46	5.56
	48		7.62	9.49	11.47	13.49	14.40		5.44	5.61	5.80	6.01	6.04
ZXD060B0	27	10.41	12.49	14.72	17.66	19.64	20.60	3.70	3.88	4.16	4.50	4.70	4.81
	32	9.93	11.71	13.94	16.30	18.87	20.10	4.07	4.25	4.43	4.75	5.29	5.47
	38	8.90	10.57	12.85	15.26	17.77	18.92	4.53	4.71	4.90	5.23	5.86	5.98
	43	7.60	9.40	11.78	14.26	16.33	17.86	5.17	5.45	5.64	6.10	6.57	6.66
	48		9.25	11.15	13.08	15.09	16.06		6.46	6.69	6.96	7.22	7.30
ZXD075B0	27	12.37	14.91	17.73	20.87			4.54	4.76	4.98	5.22		
	32	11.24	13.90	16.96	20.21			4.95	5.19	5.51	5.91		
	38	10.85	13.25	16.08	19.42			5.53	5.83	6.25	6.80		
	43		12.29	15.09	18.49				6.43	6.93	7.62		
ZXD076B0	27	12.62	15.21	18.08	21.29	24.47	25.93	4.45	4.66	4.88	5.12	5.47	5.64
	32	11.46	14.18	16.96	20.61	23.07	24.56	4.85	5.09	5.40	5.79	5.86	5.97
	38	11.07	13.52	15.80	19.81	21.94	23.66	5.42	5.72	6.12	6.67	6.64	6.81
	43	10.20	12.54	14.60	18.86	21.45	22.63	5.98	6.30	6.79	7.47	7.34	7.48
	48		11.46	14.09	17.47	19.73	20.75		7.40	7.89	8.43	8.74	8.78

Notes: The rating condition is based on suction superheat of 10K.
ZXD030B0 rating condition is based on return gas temperature of 18.3°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXD Family: Digital medium temperature

Capacity and power (kW) at 60 Hz – TF5/TF7

R22

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-10	-5	0	5	10	12	-10	-5	0	5	10	12
ZXD030B0[1]	27	6.18	7.27	8.44	9.77	11.34	12.05	2.21	2.31	2.46	2.72	3.12	3.32
	32	5.93	7.07	8.23	9.49	10.94	11.58	2.48	2.60	2.76	2.99	3.32	3.49
	38	5.45	6.67	7.86	9.08	10.42	11.00	2.72	2.90	3.07	3.27	3.54	3.68
	43	4.80	6.14	7.38	8.60	9.87		2.92	3.14	3.33	3.52	3.75	
	48		5.35						3.43				
ZXD040B0	27	8.03	9.77	11.63	13.35	15.08		3.09	3.20	3.37	3.60	3.90	
	32	7.62	9.29	11.09	12.74	14.38		3.39	3.50	3.68	3.92	4.24	
	38	6.97	8.27	9.89	11.97	13.66		3.80	3.92	4.11	4.37	4.71	
	43	6.47	7.78	9.33	11.31	13.03		4.20	4.32	4.52	4.79	5.16	
	48		7.43	8.94	10.51	12.23			4.77	4.98	5.27	5.66	
ZXD050B0	27	10.30	12.52	14.91	17.12	19.33		3.97	4.11	4.32	4.61	5.00	
	32	9.77	11.91	14.21	16.33	18.44		4.35	4.49	4.72	5.02	5.44	
	38	8.94	10.60	12.68	15.35	17.51		4.88	5.03	5.27	5.60	6.04	
	43	8.29	9.98	11.97	14.50	16.71		5.38	5.54	5.79	6.14	6.61	
	48		9.53	11.46	13.48	15.68			6.12	6.38	6.76	7.25	
ZXD060B0	27	12.15	14.77	17.60	20.20	22.81		4.72	4.89	5.14	5.49	5.95	
	32	11.53	14.06	16.77	19.27	21.76		5.17	5.35	5.61	5.98	6.47	
	38	10.54	12.51	14.96	18.11	20.66		5.80	5.99	6.27	6.66	7.18	
	43	9.78	11.78	14.12	17.11	19.72		6.41	6.60	6.89	7.31	7.87	
	48	NA	11.24	13.52	15.90	18.50		NA	7.28	7.60	8.04	8.63	
ZXD075B0	27	13.29	16.15	19.24	22.08	24.94		5.23	5.42	5.70	6.09	6.60	
	32	12.61	15.37	18.34	21.06	23.79		5.74	5.93	6.22	6.63	7.18	
	38	11.53	13.67	16.36	19.80	22.59		6.44	6.64	6.95	7.39	7.97	
	43	10.70	12.87	15.44	18.70	21.55		7.10	7.32	7.64	8.11	8.73	
	48	NA	12.29	14.78	17.38	20.23		NA	8.08	8.43	8.92	9.57	

Notes: [1]Available on TF7 models only.
The rating condition is based on suction superheat of 10K.
ZXD030B0 rating condition is based on return gas temperature of 18.3°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXD Family: Digital medium temperature

Capacity and Power (kW) at 50 Hz - TFD

R404A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-20	-15	-15	-5	0	5	-20	-15	-15	-5	0	5
ZXD030BE	27	3.95	4.65	5.56	6.65	7.90	9.28	1.92	2.14	2.24	2.26	2.26	2.29
	32	3.72	4.37	5.20	6.18	7.28	8.47	2.01	2.22	2.33	2.38	2.43	2.53
	38	3.32	3.94	4.69	5.55	6.48	7.45	2.27	2.46	2.56	2.63	2.73	2.90
	43	2.98	3.59	4.29	5.06	5.86	6.67	2.53	2.69	2.78	2.85	2.97	3.19
	48		3.34	4.00	4.70	5.39			2.86	2.92	2.99	3.13	
ZXD040BE	27	5.92	7.11	8.35	9.64	11.01	12.46	2.70	2.85	3.02	3.21	3.43	3.68
	32	5.53	6.69	7.87	9.11	10.40	11.75	2.99	3.12	3.27	3.44	3.64	3.87
	38	4.90	6.00	7.12	8.27	9.45	10.68	3.49	3.59	3.72	3.87	4.04	4.24
	43	4.23	5.28	6.33	7.40	8.48	9.59	4.02	4.10	4.21	4.34	4.50	4.68
	48	3.56	4.56	5.54	6.53	7.51		4.55	4.61	4.70	4.81	4.96	
ZXD050BE	27	7.49	9.05	10.67	12.31	13.93	15.51	3.65	3.73	3.86	4.02	4.25	4.53
	32	6.56	8.12	9.76	11.43	13.10	14.74	4.11	4.20	4.32	4.50	4.72	5.00
	38	5.56	7.07	8.67	10.32	11.98	13.63	4.59	4.68	4.79	4.96	5.16	5.42
	43	4.88	6.28	7.79	9.37	10.98	12.58	5.11	5.17	5.27	5.40	5.59	5.81
	48	4.20	5.49	6.91	8.42	9.98		5.63	5.67	5.75	5.85	6.01	
ZXD060BE	27	8.24	9.72	11.47	13.30	15.69	18.48	3.69	3.84	4.06	4.33	4.62	4.93
	32	7.58	9.06	10.72	12.58	14.72	17.20	4.40	4.54	4.75	5.01	5.28	5.56
	38	6.74	8.25	9.83	11.55	13.48	15.69	4.93	5.05	5.25	5.47	5.72	5.98
	43	5.90	7.48	9.07	10.74	12.57	14.63	5.59	5.69	5.85	6.06	6.28	6.51
	48	5.06	6.71	8.31	9.93	11.66		6.26	6.32	6.46	6.64	6.83	
ZXD075BE	27	9.04	10.86	12.75	15.07	17.76	20.13	4.08	4.26	4.50	4.80	5.13	5.46
	32	8.33	10.01	11.82	13.86	16.20	18.92	4.88	5.03	5.27	5.54	5.86	6.17
	38	7.30	8.74	10.62	12.47	14.54	16.92	5.46	5.61	5.82	6.06	6.35	6.63
	43	6.26	7.93	9.61	11.38	13.32	15.50	6.20	6.32	6.49	6.71	6.96	7.22
ZXD076BE	27	9.22	11.07	13.00	15.37	18.12	20.53	4.00	4.17	4.41	4.70	5.03	5.35
	32	8.50	10.21	12.06	14.14	16.53	19.30	4.78	4.93	5.16	5.43	5.74	6.05
	38	7.45	8.91	10.83	12.72	14.83	17.26	5.35	5.50	5.70	5.94	6.22	6.50
	43	6.39	8.09	9.80	11.61	13.59	15.81	6.07	6.19	6.36	6.57	6.82	7.07
	48	5.32	7.26	8.77	10.50	12.34		6.79	6.88	7.02	7.21	7.43	
ZXD090BE	27	11.80	13.70	14.70	16.25	18.30		5.10	5.20	5.50	6.50	6.20	
	32	10.70	12.50	14.50	16.20	17.00		6.20	6.30	6.40	7.10	6.80	
	38	10.50	12.30	14.40	16.10	16.80		7.80	8.20	8.50	9.40	8.40	
	43	9.90	11.90	13.20	14.50	15.20		8.42	8.80	9.56	9.90	9.20	
ZXD160BE	27	21.48	24.50	28.01	31.84	35.85	39.89	10.66	11.08	11.50	11.92	12.37	12.86
	32	20.99	24.13	27.80	31.86	36.16	40.53	11.67	12.13	12.58	13.04	13.52	14.05
	38	21.24	24.34	28.03	32.18	36.63	41.23	12.74	13.25	13.75	14.27	14.82	15.40
	43	20.39	23.29	26.85	30.92	35.35	39.98	13.67	14.24	14.81	15.39	16.00	16.65

Notes: The rating condition is based on return gas temperature of 18.3°C.
The rating condition is based on suction superheat of 10 K.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXD Family: Digital medium temperature

Capacity and power (kW) at 60 Hz - TF5/TF7

R404A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-20	-15	-10	-5	0	5	-20	-15	-10	-5	0	5
ZXD030BE[1]	27	4.70	5.68	6.71	7.80	8.94	10.14	2.29	2.46	2.63	2.79	2.95	3.10
	32	4.43	5.36	6.33	7.34	8.37	9.45	2.48	2.66	2.84	3.01	3.18	3.35
	38	4.03	4.89	5.77	6.67	7.58	8.50	2.73	2.92	3.10	3.29	3.48	3.67
	43	3.67	4.47	5.27	6.07	6.86	7.65	2.96	3.15	3.34	3.54	3.75	3.95
	48		4.07	4.78	5.48	6.15			3.40	3.59	3.80	4.02	
ZXD040BE	27	7.10	8.53	9.35	10.80	12.99	14.70	3.24	3.42	3.62	3.85	4.05	4.34
	32	6.64	8.03	8.70	10.20	12.27	13.87	3.59	3.74	4.00	4.13	4.30	4.57
	38	5.88	7.20	7.97	9.26	11.15	12.60	4.19	4.31	4.46	4.64	4.77	5.00
	43	5.21	6.34	7.09	8.29	10.01	11.32	4.82	4.92	5.05	5.21	5.31	5.52
	48	4.27	5.60	6.20	7.31	8.86		5.46	5.53	5.64	5.77	5.85	
ZXD050BE	27	8.99	10.86	11.74	13.54	15.32	17.06	4.38	4.48	4.63	4.83	5.10	5.44
	32	7.87	9.75	10.77	12.57	14.41	16.21	4.93	5.04	5.11	5.40	5.66	6.00
	38	6.67	8.48	9.54	11.35	13.18	14.99	5.51	5.61	5.75	5.95	6.20	6.51
	43	5.86	7.54	8.57	10.31	12.08	13.84	6.14	6.21	6.32	6.48	6.71	6.97
	48	5.04	6.59	7.60	9.26	10.98		6.76	6.81	6.89	7.02	7.22	
ZXD060BE	27	10.22	12.06	13.41	15.56	17.89	21.07	4.42	4.61	5.08	5.41	5.78	6.16
	32	9.34	11.23	12.54	14.72	16.78	19.61	5.28	5.45	5.93	6.26	6.61	6.96
	38	8.36	10.23	11.50	13.51	15.37	17.89	5.91	6.06	6.58	6.83	7.15	7.47
	43	7.44	9.27	10.61	12.57	14.33	16.68	6.71	6.83	7.32	7.57	7.85	8.34
	48	6.27	8.22	9.72	11.62	13.29		7.51	7.59	8.07	8.30	8.54	
ZXD075BE	27	11.16	13.39	14.92	17.64	19.93	22.58	4.80	5.00	5.69	6.06	6.54	6.96
	32	10.29	12.35	13.84	16.23	18.18	21.23	5.74	5.92	6.66	7.00	7.46	7.87
	38	9.01	10.78	12.43	14.60	16.31	18.99	6.42	6.60	7.35	7.66	8.09	8.45
	43	7.73	9.79	11.25	13.33	14.95	17.39	7.28	7.43	8.20	8.48	8.87	9.19
	48	6.44	8.78	10.07	12.05			8.15	8.26	9.06	9.30		

Notes: [1]Available on TF7 models only.
The rating condition is based on return gas temperature of 18.3°C.
The rating condition is based on suction superheat of 10 K.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXD Family: Digital medium temperature

Capacity and power (kW) at 50 Hz - TFD

R407F

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-10	-5	0	5	10	12	-10	-5	0	5	10	12
ZXD030BE	27	5.70	6.64	7.48	8.63	10.52	11.57	2.20	2.33	2.61	2.87	2.93	2.86
	32	5.31	6.35	7.24	8.40	10.25	11.27	2.42	2.53	2.79	3.01	3.02	2.92
	38	4.72	5.84	6.75	7.88	9.64	10.62	2.79	2.90	3.14	3.33	3.30	3.19
	43		5.45	6.35					3.23	3.47			
	48												
ZXD040BE	27	7.68	9.32	11.17	13.20	15.41	16.34	2.85	3.04	3.23	3.40	3.49	3.50
	32	7.30	8.93	10.73	12.69	14.77	15.64	3.13	3.30	3.50	3.70	3.86	3.90
	38	6.66	8.27	10.01	11.85	13.77	14.56	3.53	3.66	3.86	4.09	4.31	4.39
	43	6.06	7.64	9.30	11.03	12.81	13.53	3.95	4.04	4.22	4.46	4.72	4.83
	48		6.98	8.56					4.52	4.67			
ZXD050BE	27	9.52	11.65	13.94	16.37	19.26	20.42	3.61	3.77	3.94	4.08	4.20	4.21
	32	9.05	11.21	13.52	15.73	18.47	19.56	3.97	4.11	4.30	4.45	4.64	4.70
	38	8.11	10.33	12.69	14.81	17.35	18.37	4.40	4.54	4.77	4.95	5.23	5.33
	43	7.45	9.47	11.72	13.90	16.40	17.40	4.98	4.98	5.19	5.45	5.82	5.97
	48		8.73	10.79					5.61	5.74			
ZXD060BE	27	10.37	12.69	15.70	18.80	22.69	24.24	3.80	4.18	4.49	4.58	4.62	4.86
	32	9.85	12.20	15.23	17.91	21.39	22.78	4.33	4.74	5.15	5.11	5.14	5.40
	38	9.07	11.50	14.19	16.64	19.76	21.01	4.81	5.27	5.65	5.64	5.75	6.03
	43	8.41	10.59	12.99	15.41	18.34	19.52	5.40	5.72	5.99	6.06	6.26	6.54
	48		9.93	12.07					6.67	6.85			
ZXD075BE	27	12.99	15.24	17.78	20.67			4.92	5.09	5.19	5.28		
	32	12.35	14.49	16.87	19.56			5.61	5.71	5.83	5.86		
	38	11.35	13.34	15.51	17.92			6.22	6.19	6.30	6.37		
	43		12.30	14.28	16.44				6.73	6.72	6.78		
	48												
ZXD076BE	27	13.25	15.54	18.13	21.09	24.47	25.82	4.82	4.98	5.09	5.18	5.14	5.33
	32	12.59	14.78	17.21	19.96	23.07	24.32	5.50	5.59	5.71	5.74	5.71	5.94
	38	11.57	13.60	15.82	18.28	21.06	22.17	6.10	6.07	6.17	6.24	6.31	6.56
	43	10.67	12.55	14.57	16.77	19.23	20.22	6.80	6.60	6.58	6.65	6.75	6.98
	48		11.54	13.33					7.45	7.26			

Notes: The rating condition is based on suction superheat of 10K and return gas temperature of 18.3°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXD Family: Digital medium temperature

Capacity and power (kW) at 60 Hz - TF5/TF7

R407F

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-10	-5	0	5	10	12	-10	-5	0	5	10	12
ZXD030BE[1]	27	6.92	8.06	9.40	10.99	12.90	13.76	2.64	2.82	2.97	3.13	3.40	3.55
	32	6.66	7.78	9.01	10.41	12.04	12.78	2.85	3.05	3.20	3.39	3.67	3.83
	38	6.20	7.32	8.45	9.64	10.98	11.56	3.13	3.35	3.54	3.75	4.08	4.25
	43		6.84	7.90					3.65	3.86			
	48												
ZXD040BE	27	8.60	10.44	13.18	15.58	18.18	19.27	3.41	3.64	3.82	4.01	4.11	4.12
	32	8.06	10.00	12.66	14.98	17.45	18.48	3.82	3.96	4.14	4.37	4.56	4.61
	38	7.46	9.27	11.81	13.98	16.25	17.18	4.23	4.39	4.56	4.82	5.08	5.17
	43	6.78	8.56	10.98	13.02	15.12	15.97	4.74	4.85	4.98	5.26	5.57	5.69
	48		7.81	10.10					5.42	5.51			
ZXD050BE	27	10.48	12.81	15.33	18.01	21.19	22.46	4.33	4.53	4.72	4.90	5.04	5.06
	32	9.98	12.32	14.87	17.30	20.30	21.50	4.69	4.93	5.16	5.33	5.58	5.64
	38	8.93	11.36	13.96	16.29	19.08	20.20	5.28	5.44	5.74	5.95	6.28	6.40
	43	8.20	10.42	12.89	15.29	18.04	19.14	5.97	5.97	6.23	6.53	6.98	7.16
	48		9.60	11.87					6.73	6.90			
ZXD060BE	27	12.12	14.84	17.90	21.44	25.87	27.64	4.75	5.22	5.62	5.72	5.77	6.06
	32	11.53	14.28	17.36	20.42	24.39	25.98	5.40	5.93	6.45	6.40	6.43	6.76
	38	10.62	13.45	16.18	18.97	22.53	23.95	6.02	6.58	7.06	7.04	7.17	7.53
	43	9.84	12.40	14.81	17.57	20.92	22.26	6.75	7.14	7.49	7.77	8.22	8.69
	48		11.62	13.76					8.34	8.57			
ZXD075BE	27	15.21	17.84	19.95	23.19	26.90	28.53	6.22	6.42	6.62	6.73	6.68	6.97
	32	14.46	16.96	18.93	21.95	25.38	26.88	7.09	7.21	7.42	7.47	7.45	7.79
	38	13.28	15.62	17.40	20.12	23.18	24.52	7.86	7.83	8.02	8.12	8.21	8.57
	43	12.25	14.41	16.02	18.44	21.15	22.32	8.78	8.51	8.56	8.64	8.77	9.09
	48		13.26	14.68					9.60	9.46			

Notes: [1]Available on TF7 models only.
The rating condition is based on suction superheat of 10K
ZXD030BE rating condition is based on return gas temperature of 18.3°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXL Family: Low temperature

Capacity and power (kW) at 50 Hz - PFJ

R22

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)									Power evaporating temperature (°C)								
		-40	-35	-30	-25	-20	-15	-10	-5	0	-40	-35	-30	-25	-20	-15	-10	-5	0
ZXL020B0	27	1.18	1.54	1.97	2.46	3.01	3.64	4.31	5.01	5.75	1.28	1.45	1.53	1.55	1.57	1.63	1.76	2.00	2.37
	32	1.16	1.54	1.98	2.48	3.03	3.64	4.30	4.99	5.70	1.30	1.52	1.62	1.68	1.71	1.76	1.88	2.09	2.43
	38	1.14	1.55	2.00	2.50	3.06	3.65	4.29	4.95	5.62	1.34	1.60	1.75	1.81	1.85	1.90	2.00	2.18	2.48
	43	1.10	1.53	1.99	2.50	3.04	3.63	4.25	4.89	5.55	1.48	1.80	1.95	2.02	2.05	2.08	2.15	2.30	2.56
	48	1.01	1.46	1.86	2.38	2.95	3.56				1.84	2.19	2.28	2.32	2.38	2.41			
ZXL025B0	27	1.60	1.99	2.48	3.07	3.74	4.51	5.35	6.26	7.23	1.37	1.46	1.54	1.62	1.69	1.75	1.81	1.86	1.91
	32	1.60	1.98	2.45	3.02	3.67	4.40	5.21	6.09	7.02	1.58	1.67	1.75	1.83	1.90	1.97	2.04	2.10	2.16
	38	1.68	2.04	2.48	3.01	3.62	4.30	5.05	5.87	6.73	1.84	1.93	2.02	2.11	2.19	2.27	2.35	2.43	2.50
	43	1.71	2.04	2.45	2.94	3.51	4.14	4.84	5.59	6.39	2.08	2.18	2.28	2.39	2.48	2.57	2.67	2.76	2.85
	48	1.64	1.93	2.18	2.63	3.25	3.83				2.36	2.48	2.63	2.73	2.83	2.93			
ZXL030BE	27	1.49	2.18	2.85	3.54	4.26	5.06	5.92	6.86	7.90	1.65	1.81	1.90	1.97	2.02	2.08	2.19	2.36	2.60
	32	1.47	2.18	2.87	3.56	4.27	5.04	5.87	6.77	7.78	1.74	1.94	2.06	2.15	2.22	2.29	2.40	2.57	2.80
	38	1.42	2.16	2.86	3.55	4.25	4.99	5.79	6.65	7.61	1.91	2.14	2.30	2.41	2.49	2.58	2.68	2.84	3.06
	43	1.34	2.10	2.81	3.51	4.21	4.92	5.70	6.54	7.45	2.12	2.39	2.57	2.69	2.78	2.87	2.97	3.12	3.34
	48	1.21	2.00	2.63	2.85	4.09	4.83				2.44	2.74	2.94	3.06	3.16	3.25			

Notes: The rating condition is based on a return gas temperature of 5°C.
Power includes condenser fan.
Ambient 38 °C and 43°C are typical design conditions for unit selection.

ZXL Family: Low temperature
Capacity and power (kW) at 50 Hz - TFD

R22

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)									Power evaporating temperature (°C)								
		-40	-35	-30	-25	-20	-15	-10	-5	0	-40	-35	-30	-25	-20	-15	-10	-5	0
ZXL020B0	27	1.32	1.55	1.87	2.26	2.73	3.27	3.89	4.59	5.36	1.10	1.20	1.29	1.36	1.43	1.49	1.55	1.59	1.63
	32	1.32	1.55	1.86	2.24	2.70	3.24	3.85	4.54	5.31	1.26	1.36	1.45	1.53	1.61	1.67	1.73	1.78	1.81
	38	1.26	1.48	1.78	2.15	2.61	3.13	3.74	4.42	5.18	1.51	1.61	1.71	1.79	1.87	1.94	2.00	2.05	2.09
	43	1.15	1.36	1.66	2.03	2.47	2.99	3.59	4.27	5.02	1.76	1.87	1.97	2.05	2.13	2.21	2.27	2.32	2.37
	48	0.99	1.20	1.49	1.85	2.29	2.81				2.05	2.16	2.26	2.35	2.44	2.51			
ZXL025B0	27	1.61	1.87	2.12	2.67	3.31	4.03	4.84	5.72	6.69	1.32	1.40	1.49	1.57	1.64	1.71	1.78	1.84	1.90
	32	1.56	1.82	2.09	2.63	3.26	3.97	4.76	5.63	6.58	1.51	1.59	1.66	1.72	1.79	1.85	1.90	1.95	2.00
	38	1.42	1.68	1.97	2.49	3.10	3.79	4.56	5.42	6.36	1.85	1.91	1.97	2.02	2.07	2.11	2.15	2.19	2.22
	43	1.23	1.48	1.79	2.30	2.89	3.57	4.33	5.17	6.09	2.22	2.27	2.31	2.35	2.39	2.43	2.45	2.48	2.50
	48	1.10	1.28	1.54	2.03	2.61	3.27				2.66	2.70	2.74	2.77	2.79	2.82			
ZXL030B0	27	1.90	2.19	2.58	3.08	3.69	4.40	5.20	6.44	7.85	1.36	1.52	1.67	1.80	1.92	2.03	2.13	2.21	2.28
	32	1.80	2.09	2.49	2.99	3.60	4.32	5.14	6.06	7.63	1.55	1.70	1.85	1.98	2.09	2.20	2.29	2.37	2.43
	38	1.58	1.87	2.27	2.77	3.39	4.10	4.92	5.85	7.30	1.92	2.07	2.21	2.33	2.45	2.54	2.63	2.70	2.76
	43	1.31	1.59	1.99	2.50	3.11	3.83	4.65	5.58	6.95	2.36	2.51	2.64	2.76	2.86	2.96	3.04	3.11	3.16
	48	1.21	1.35	1.63	2.13	2.75	3.47				2.91	3.05	3.18	3.29	3.39	3.48			
ZXL035B0	27	2.29	2.64	3.19	3.91	4.76	5.71	6.75	7.83	8.92	1.81	1.87	1.95	2.05	2.17	2.30	2.44	2.60	2.76
	32	2.12	2.47	3.02	3.72	4.56	5.49	6.50	7.55	8.62	2.08	2.16	2.25	2.36	2.48	2.62	2.78	2.94	3.11
	38	1.93	2.27	2.80	3.48	4.28	5.19	6.16	7.16	8.18	2.52	2.60	2.71	2.82	2.96	3.11	3.27	3.44	3.63
	43	1.78	2.09	2.59	3.25	4.02	4.89	5.81	6.77	7.73	2.88	2.97	3.09	3.21	3.35	3.51	3.68	3.86	4.05
	48	1.61	1.90	2.37	2.98	3.71	4.53				3.18	3.28	3.40	3.53	3.68	3.84			
ZXL040B0	27	2.80	3.42	4.16	5.03	6.02	7.14	8.39	9.76	11.26	2.27	2.43	2.59	2.76	2.94	3.12	3.32	3.52	3.73
	32	2.58	3.17	3.87	4.71	5.67	6.76	7.97	9.31	10.77	2.58	2.75	2.93	3.11	3.30	3.50	3.71	3.92	4.15
	38	2.39	2.93	3.59	4.39	5.31	6.35	7.52	8.82	10.25	3.04	3.23	3.42	3.62	3.83	4.04	4.27	4.50	4.73
	43	2.27	2.78	3.41	4.17	5.06	6.07	7.21	8.47	9.86	3.50	3.69	3.90	4.11	4.33	4.56	4.80	5.04	5.30
	48	2.21	2.68	3.28	4.01	4.86	5.83				4.01	4.22	4.44	4.67	4.91	5.15			
ZXL050B0	27	3.12	3.84	4.73	5.79	7.01	8.39	9.92	11.60	13.42	2.56	2.72	2.87	3.03	3.20	3.38	3.57	3.79	4.02
	32	2.79	3.56	4.48	5.56	6.77	8.12	9.60	11.21	12.94	2.89	3.04	3.19	3.35	3.53	3.71	3.92	4.15	4.41
	38	2.65	3.43	4.35	5.38	6.53	7.79	9.15	10.61	12.17	3.30	3.46	3.62	3.79	3.99	4.20	4.43	4.70	4.99
	43	2.56	3.31	4.16	5.00	6.16	7.30	8.52	9.81	11.18	3.68	3.85	4.04	4.24	4.46	4.70	4.98	5.28	5.62
	48	2.30	2.97	3.73	4.56	5.57	6.60				4.12	4.32	4.54	4.78	5.04	5.33			
ZXL060B0	27	3.51	4.44	5.51	6.72	8.09	9.66	11.42	13.41	15.64	3.21	3.37	3.55	3.75	3.97	4.22	4.49	4.78	5.11
	32	3.44	4.35	5.37	6.53	7.85	9.34	11.02	12.91	15.03	3.58	3.76	3.96	4.17	4.40	4.66	4.94	5.24	5.56
	38	3.28	4.17	5.17	6.29	7.55	8.98	10.58	12.37	14.38	4.05	4.27	4.51	4.76	5.02	5.30	5.60	5.93	6.28
	43	2.96	3.86	4.85	5.96	7.19	8.57	10.12	11.85	13.78	4.58	4.85	5.13	5.42	5.72	6.04	6.38	6.73	7.11
	48	2.71	3.50	4.29	5.39	6.60	7.96				5.32	5.65	5.98	6.33	6.68	7.05			
ZXL075B0	27	4.00	5.16	6.18	7.43	8.91	10.80	12.58	14.78	17.24	3.51	3.68	3.87	4.08	4.33	4.61	4.93	5.29	5.70
	32	3.76	4.71	5.84	7.17	8.68	10.40	12.31	14.44	16.78	3.88	4.06	4.28	4.52	4.79	5.10	5.45	5.84	6.28
	38	3.52	4.55	5.71	7.02	8.48	10.09	11.86	13.80	15.90	4.40	4.61	4.85	5.12	5.43	5.77	6.16	6.59	7.08
	43	3.41	4.42	5.53	6.75	8.07	9.52	11.08	12.76	14.58	4.93	5.17	5.43	5.73	6.07	6.45	6.87	7.34	7.86
	48	3.12	4.04	5.01	6.06	7.50	8.70				5.58	5.85	6.14	6.47	6.84	7.25			

Notes: The rating condition is based on the return gas temperature of 5°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXL Family: Low temperature
Capacity and power (kW) at 60 Hz - TF5/TF7

R22

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)									Power evaporating temperature (°C)								
		-40	-35	-30	-25	-20	-15	-10	-5	0	-40	-35	-30	-25	-20	-15	-10	-5	0
ZXL020BE	27	1.34	1.81	2.32	2.89	3.53	4.27	5.13	6.12	7.26	1.59	1.65	1.71	1.76	1.82	1.88	1.94	2.01	2.10
	32	1.28	1.78	2.30	2.86	3.49	4.19	5.00	5.92	6.99	1.74	1.80	1.86	1.92	1.98	2.05	2.12	2.20	2.30
	38	1.21	1.74	2.28	2.84	3.44	4.11	4.85	5.70	6.67	1.95	2.01	2.07	2.14	2.21	2.29	2.37	2.47	2.58
	43	1.11	1.67	2.22	2.78	3.36	4.00	4.69	5.48	6.37	2.17	2.23	2.30	2.37	2.45	2.54	2.62	2.74	2.88
	48	0.92	1.51	2.07	2.63	3.20	3.81	4.46	5.18	5.99	2.45	2.52	2.59	2.67	2.76	2.85	2.94	3.07	3.23
ZXL025BE	27	2.38	2.50	2.88	3.47	4.24	5.16	6.19	7.29	8.44	2.02	2.03	2.05	2.09	2.14	2.20	2.29	2.40	2.53
	32	2.36	2.48	2.82	3.38	4.11	4.99	5.97	7.03	8.13	2.23	2.25	2.29	2.33	2.40	2.48	2.58	2.70	2.84
	38	2.34	2.46	2.75	3.26	3.93	4.75	5.67	6.67	7.70	2.62	2.65	2.68	2.73	2.80	2.88	2.98	3.10	3.25
	43	2.31	2.44	2.71	3.16	3.78	4.54	5.41	6.33	7.30	3.01	3.02	3.05	3.09	3.14	3.21	3.29	3.43	3.59
	48	2.30	2.43	2.69	3.08	3.64	4.34	5.13	5.99	6.88	3.38	3.39	3.39	3.41	3.44	3.49	3.59	3.71	3.88
ZXL030BE	27	2.72	2.86	3.28	3.96	4.84	5.88	7.05	8.31	9.62	2.10	2.11	2.13	2.17	2.22	2.29	2.38	2.49	2.63
	32	2.69	2.83	3.22	3.85	4.69	5.69	6.81	8.02	9.27	2.32	2.34	2.38	2.43	2.49	2.58	2.68	2.80	2.95
	38	2.68	2.81	3.14	3.71	4.48	5.42	6.47	7.60	8.78	2.73	2.75	2.79	2.84	2.91	2.99	3.10	3.23	3.38
	43	2.66	2.80	3.09	3.60	4.31	5.18	6.16	7.22	8.32	3.13	3.14	3.17	3.21	3.27	3.34	3.43	3.56	3.74
	48	2.65	2.79	3.07	3.52	4.15	4.95	5.85	6.83	7.84	3.52	3.52	3.53	3.54	3.58	3.63	3.73	3.86	4.03
ZXL035BE	27	3.32	3.46	3.97	4.79	5.85	7.12	8.54	10.06	11.64	2.46	2.47	2.50	2.54	2.60	2.68	2.78	2.92	3.07
	32	3.30	3.45	3.90	4.66	5.67	6.88	8.24	9.70	11.22	2.71	2.74	2.78	2.84	2.92	3.01	3.14	3.28	3.46
	38	3.29	3.45	3.80	4.49	5.43	6.55	7.83	9.20	10.62	3.19	3.22	3.26	3.33	3.40	3.50	3.63	3.78	3.95
	43	3.27	3.42	3.74	4.36	5.22	6.27	7.46	8.74	10.07	3.66	3.68	3.71	3.76	3.82	3.91	4.02	4.18	4.38
	48	3.26	3.40	3.72	4.25	5.03	5.98	7.09	8.27	9.50	4.11	4.12	4.13	4.15	4.19	4.25	4.37	4.53	4.73
ZXL040BE	27	3.90	4.41	5.21	6.29	7.62	9.16	10.90	12.81	14.86	2.98	3.08	3.22	3.36	3.49	3.58	3.66	3.74	3.86
	32	3.61	4.21	5.07	6.17	7.48	8.97	10.62	12.41	14.29	3.25	3.38	3.55	3.72	3.88	3.98	4.08	4.19	4.29
	38	3.36	4.02	4.90	5.98	7.22	8.60	10.10	11.68	13.33	3.71	3.88	4.07	4.27	4.45	4.57	4.68	4.80	4.92
	43	3.16	3.83	4.69	5.70	6.85	8.10	9.43	10.81	12.21	4.17	4.36	4.58	4.80	4.98	5.11	5.23	5.36	5.49
	48	2.88	3.53	4.33	5.25	6.27	7.35	8.47	9.61	10.73	4.68	4.89	5.13	5.35	5.54	5.67	5.80	5.93	6.06
ZXL050BE	27	4.28	4.98	5.94	7.18	8.66	10.40	12.37	14.57	16.99	3.25	3.43	3.65	3.86	4.05	4.20	4.27	4.34	4.40
	32	3.90	4.71	5.73	6.97	8.42	10.06	11.88	13.88	16.04	3.57	3.76	3.98	4.21	4.42	4.58	4.67	4.77	4.86
	38	3.73	4.62	5.67	6.86	8.20	9.66	11.25	12.95	14.76	4.01	4.22	4.47	4.73	4.97	5.17	5.31	5.45	5.59
	43	3.64	4.55	5.56	6.67	7.87	9.15	10.49	11.95	13.51	4.47	4.71	5.00	5.29	5.58	5.83	5.95	6.08	6.20
	48	3.38	4.27	5.22	6.20	7.22	8.27	9.43	10.60	11.84	5.07	5.36	5.69	6.04	6.38	6.69	6.85	7.01	7.16
ZXL060BE	27	5.09	5.92	7.07	8.54	10.31	12.37	14.72	17.34	20.22	4.19	4.43	4.71	4.98	5.23	5.41	5.50	5.59	5.68
	32	4.64	5.60	6.82	8.30	10.02	11.97	14.13	16.51	19.09	4.60	4.85	5.14	5.43	5.70	5.91	6.03	6.15	6.27
	38	4.44	5.50	6.75	8.17	9.76	11.50	13.39	15.41	17.56	5.17	5.44	5.76	6.10	6.41	6.67	6.85	6.91	6.98
	43	4.33	5.41	6.62	7.94	9.37	10.89	12.48	14.22	16.07	5.76	6.08	6.45	6.83	7.20	7.52	7.68	7.85	8.03
	48	4.03	5.09	6.21	7.38	8.60	9.84	11.21	12.61	14.08	6.54	6.91	7.34	7.79	8.23	8.62	8.83	9.09	9.35
ZXL075BE	27	5.40	6.28	7.50	9.05	10.93	13.12	15.60	18.38	21.44	4.61	4.87	5.18	5.48	5.75	5.96	6.05	6.15	6.25
	32	4.91	5.93	7.23	8.80	10.62	12.68	14.98	17.50	20.23	5.06	5.34	5.65	5.97	6.27	6.50	6.63	6.76	6.90
	38	4.71	5.83	7.15	8.66	10.34	12.19	14.19	16.34	18.61	5.68	5.99	6.34	6.71	7.05	7.34	7.54	7.73	7.93
	43	4.59	5.74	7.02	8.42	9.93	11.54	13.23	15.08	17.04	6.34	6.69	7.09	7.51	7.92	8.27	8.45	8.63	8.80
	48	4.27	5.39	6.58	7.82	9.11	10.43	11.89	13.38	14.93	7.19	7.60	8.07	8.57	9.05	9.49	9.71	9.94	10.17

Notes: The rating condition is based on the return gas temperature of 5°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXL Family: Low temperature

Capacity and power (kW) at 50 Hz - PFJ

R404A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)									Power evaporating temperature (°C)								
		-40	-35	-30	-25	-20	-15	-10	-5	0	-40	-35	-30	-25	-20	-15	-10	-5	0
ZXL020BE	27	1.32	1.71	2.18	2.71	3.31	3.98	4.70	5.45	6.24	1.46	1.65	1.74	1.77	1.79	1.85	2.00	2.27	2.70
	32	1.27	1.68	2.15	2.68	3.26	3.90	4.58	5.30	6.04	1.48	1.72	1.84	1.90	1.93	1.99	2.12	2.36	2.75
	38	1.21	1.64	2.11	2.62	3.19	3.79	4.43	5.10	5.77	1.52	1.81	1.97	2.04	2.08	2.13	2.24	2.44	2.78
	43	1.14	1.57	2.04	2.54	3.08	3.66	4.26	4.88	5.51	1.66	2.02	2.19	2.26	2.29	2.32	2.39	2.56	2.85
	48	1.01	1.45	1.84	2.34	2.88	3.46				2.06	2.45	2.54	2.58	2.64	2.67			
ZXL025BE	27	1.79	2.22	2.75	3.38	4.11	4.93	5.83	6.81	7.85	1.57	1.66	1.75	1.84	1.92	1.99	2.06	2.12	2.18
	32	1.75	2.16	2.66	3.26	3.94	4.71	5.56	6.47	7.45	1.79	1.89	1.98	2.07	2.15	2.23	2.30	2.37	2.44
	38	1.79	2.16	2.61	3.15	3.77	4.46	5.22	6.04	6.91	2.08	2.18	2.28	2.37	2.46	2.55	2.63	2.72	2.80
	43	1.77	2.10	2.51	2.99	3.55	4.17	4.85	5.58	6.35	2.34	2.45	2.56	2.67	2.77	2.87	2.97	3.07	3.17
	48	1.64	1.92	2.16	2.59	3.18	3.72				2.64	2.77	2.93	3.04	3.14	3.25			
ZXL030BE	27	1.67	2.43	3.16	3.90	4.68	5.53	6.45	7.46	8.58	1.88	2.06	2.17	2.24	2.30	2.37	2.49	2.68	2.96
	32	1.61	2.38	3.11	3.84	4.59	5.39	6.26	7.20	8.25	1.98	2.20	2.34	2.43	2.51	2.59	2.71	2.90	3.17
	38	1.51	2.29	3.01	3.72	4.43	5.18	5.98	6.85	7.81	2.16	2.42	2.59	2.71	2.80	2.89	3.01	3.18	3.43
	43	1.39	2.16	2.88	3.57	4.26	4.96	5.71	6.52	7.40	2.39	2.68	2.88	3.01	3.11	3.20	3.31	3.47	3.71
	48	1.21	1.99	2.60	2.80	4.00	4.69				2.73	3.06	3.28	3.41	3.51	3.60			

Notes: The rating condition is based on a return gas temperature of 5°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXL Family: Low temperature

Capacity and power (kW) at 50 Hz - TFD

R404A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)									Power evaporating temperature (°C)								
		-40	-35	-30	-25	-20	-15	-10	-5	0	-40	-35	-30	-25	-20	-15	-10	-5	0
ZXL020BE	27	1.52	2.02	2.42	2.86	3.34	3.86	4.42	5.02	5.66	1.35	1.47	1.60	1.73	1.86	2.00	2.14	2.29	2.44
	32	1.45	1.82	2.24	2.70	3.19	3.73	4.31	4.92	5.58	1.50	1.60	1.71	1.83	1.95	2.08	2.21	2.34	2.48
	38	1.25	1.49	1.93	2.40	2.92	3.47	4.07	4.70	5.38	1.72	1.81	1.91	2.01	2.12	2.23	2.34	2.46	2.59
	43	1.10	1.23	1.58	2.07	2.60	3.18	3.79	4.44	5.13	1.95	2.03	2.11	2.20	2.30	2.39	2.50	2.60	2.72
	48	0.99	1.12	1.16	1.67	2.21	2.80				2.22	2.29	2.36	2.44	2.52	2.60			
ZXL025BE	27	1.89	2.31	2.80	3.37	4.02	4.74	5.54	6.42	7.37	1.59	1.68	1.77	1.87	1.97	2.23	2.36	2.50	2.64
	32	1.80	2.26	2.74	3.30	3.94	4.65	5.44	6.31	7.25	1.84	1.90	1.99	2.08	2.18	2.35	2.48	2.61	2.74
	38	1.63	2.03	2.50	3.05	3.68	4.38	5.15	6.01	6.94	2.12	2.16	2.22	2.31	2.41	2.61	2.72	2.84	2.96
	43	1.31	1.70	2.16	2.70	3.31	4.01	4.77	5.62	6.54	2.44	2.45	2.50	2.57	2.67	2.90	3.01	3.11	3.22
	48	1.20	1.24	1.69	2.22	2.82	3.51				2.89	2.90	2.91	2.98	3.08	3.28			
ZXL030BE	27	2.09	2.58	3.17	3.85	4.60	5.41	6.25	7.61	8.67	1.67	1.84	2.00	2.15	2.30	2.45	2.58	2.71	2.83
	32	2.08	2.49	3.00	3.60	4.27	5.00	5.77	7.35	8.38	1.89	2.05	2.20	2.35	2.49	2.62	2.75	2.87	2.99
	38	2.00	2.33	2.77	3.31	3.92	4.59	5.31	6.95	7.95	2.31	2.45	2.60	2.73	2.86	2.99	3.10	3.21	3.32
	43	1.73	2.03	2.44	2.95	3.54	4.19	4.89	6.55	7.52	2.77	2.91	3.05	3.18	3.30	3.41	3.52	3.62	3.72
	48	1.50	1.70	2.00	2.38	2.96	3.61				3.36	3.49	3.61	3.73	3.84	3.95			
ZXL035BE	27	2.55	3.31	4.07	4.85	5.69	6.61	7.63	8.78	10.09	2.26	2.33	2.43	2.56	2.72	2.90	3.08	3.27	3.47
	32	2.47	3.20	3.94	4.68	5.48	6.35	7.31	8.40	9.63	2.59	2.67	2.79	2.93	3.11	3.31	3.52	3.74	3.96
	38	2.37	3.08	3.75	4.45	5.17	5.97	6.85	7.84	8.98	3.00	3.09	3.22	3.38	3.58	3.79	4.03	4.28	4.53
	43	2.28	2.94	3.57	4.20	4.86	5.59	6.38	7.29	8.33	3.31	3.40	3.58	3.70	3.91	4.14	4.39	4.66	4.94
	48	2.17	2.76	3.33	3.89	4.48	5.12				4.00	4.15	4.30	4.45	4.50	4.60			
ZXL040BE	27	3.24	3.99	4.86	5.85	6.93	8.10	9.35	10.66	12.01	2.69	2.88	3.10	3.34	3.40	3.50	4.10	4.31	4.50
	32	3.02	3.77	4.63	5.58	6.63	7.75	8.93	10.16	11.43	2.99	3.17	3.39	3.64	3.90	4.17	4.43	4.67	4.88
	38	2.85	3.56	4.37	5.27	6.25	7.28	8.36	9.48	10.63	3.54	3.70	3.91	4.15	4.41	4.68	4.94	5.19	5.41
	43	2.67	3.34	4.10	4.93	5.83	6.77	7.75	8.76	9.78	4.08	4.22	4.40	4.62	4.87	5.12	5.38	5.63	5.85
	48	2.38	2.99	3.68	4.43	5.23	6.06				4.63	4.73	4.88	5.07	5.29	5.52			
ZXL050BE	27	3.80	4.58	5.58	6.78	8.12	9.57	11.09	12.64	14.19	2.92	3.16	3.39	3.62	3.86	4.09	4.40	4.58	4.83
	32	3.52	4.31	5.29	6.43	7.69	9.04	10.42	11.81	13.17	3.26	3.49	3.72	3.96	4.20	4.46	4.72	5.00	5.29
	38	3.25	4.03	4.98	6.06	7.22	8.43	9.65	10.84	11.97	3.88	4.10	4.33	4.57	4.83	5.11	5.41	5.73	6.07
	43	2.99	3.77	4.69	5.71	6.78	7.87	8.95	9.97	10.89	4.43	4.64	4.87	5.12	5.40	5.70	6.03	6.39	6.77
	48	2.63	3.40	4.28	5.23	6.21	7.19				4.89	5.10	5.33	5.59	5.88	6.21			
ZXL060BE	27	4.49	5.51	6.68	7.99	9.42	10.95	12.57	14.27	16.01	3.62	3.84	4.08	4.36	4.66	4.97	5.30	5.63	5.97
	32	4.30	5.32	6.48	7.77	9.17	10.67	12.26	13.91	15.60	4.04	4.27	4.53	4.83	5.16	5.51	5.88	6.27	6.66
	38	4.07	5.02	6.12	7.34	8.66	10.08	11.57	13.11	14.70	4.60	4.84	5.12	5.44	5.80	6.19	6.61	7.05	7.51
	43	3.81	4.67	5.67	6.79	8.00	9.30	10.67	12.09	13.54	5.17	5.41	5.69	6.03	6.42	6.84	7.30	7.78	8.29
	48	3.42	4.16	5.03	6.00	7.07	8.22				5.88	6.11	6.41	6.76	7.16	7.61			
ZXL075BE	27	4.99	6.14	7.42	8.84	10.40	12.13	14.03	16.12	18.41	3.93	4.20	4.51	4.84	5.21	5.59	6.01	6.44	6.89
	32	4.75	5.90	7.14	8.50	9.99	11.61	13.39	15.33	17.45	4.35	4.63	4.94	5.30	5.68	6.10	6.55	7.03	7.53
	38	4.49	5.61	6.80	8.08	9.46	10.94	12.55	14.30	16.19	4.98	5.25	5.58	5.95	6.36	6.81	7.30	7.83	8.38
	43	4.21	5.30	6.43	7.63	8.90	10.25	11.71	13.28	14.97	5.61	5.89	6.22	6.60	7.03	7.51	8.03	8.59	9.19
	48	3.81	4.85	5.91	7.01	8.16	9.38				6.38	6.65	6.98	7.38	7.82	8.32			

Notes: The rating condition is based on the return gas temperature of 5°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXLD Family: Low temperature
Capacity and power (kW) at 50 Hz - TFD

R404A

Model	Ambient Temperature (°C)	Capacity Evaporating Temperature (°C)									Power Evaporating Temperature (°C)								
		-40	-35	-30	-25	-20	-15	-10	-5	0	-40	-35	-30	-25	-20	-15	-10	-5	0
ZXLD090BE	27	5.53	6.79	8.21	9.78	11.43	13.26	15.34	17.66		4.27	4.61	5.02	5.51	6.00	6.49	6.99	7.50	
	32	5.31	6.55	7.87	9.43	10.95	12.65	14.54	16.72		4.71	4.97	5.47	6.05	6.64	7.08	7.76	8.24	
	38	5.00	6.16	7.50	8.85	10.48	11.90	13.58	15.17		5.44	5.68	6.12	6.33	7.39	8.01	8.67	9.22	
	43	4.72	5.85	6.88	8.57	9.98	11.04	12.74	13.89		6.26	6.46	6.80	7.33	8.07	8.92	9.50	10.03	
	48	4.05	5.39	6.57	7.96						7.12	7.46	7.84	8.38					
ZXLD160BE	27	11.75	14.49	17.90	21.84	26.22	30.91	35.79	40.76	45.69	8.85	9.60	10.37	11.14	11.93	12.75	13.60	14.50	15.44
	32	11.82	14.27	17.39	21.08	25.21	29.68	34.35	39.12	43.88	9.95	10.84	11.71	12.57	13.44	14.31	15.20	16.12	17.06
	38	12.50	14.62	17.44	20.84	24.70	28.91	33.35	37.91	42.46	11.15	12.18	13.19	14.16	15.11	16.05	16.98	17.91	18.85
	43	13.23	15.09	17.67	20.84	24.49	24.51	32.77	37.17	41.59	11.92	13.08	14.18	15.24	16.26	17.25	18.21	16.16	20.09
	48	13.79	15.41	17.76	20.73	24.19	28.02				12.37	13.65	14.86	16.00	17.09	18.12			

Notes: The rating condition is based on the return gas temperature of 5°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXL Family: Low temperature
Capacity and power (kW) at 60 Hz- PFV/TF5/TF7

R404A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)									Power evaporating temperature (°C)								
		-40	-35	-30	-25	-20	-15	-10	-5	0	-40	-35	-30	-25	-20	-15	-10	-5	0
ZXL020BE	27	1.59	2.09	2.69	3.37	4.10	4.88	5.69	6.52	7.35	1.83	1.90	1.97	2.05	2.14	2.23	2.33	2.43	2.52
	32	1.51	2.04	2.65	3.32	4.03	4.77	5.53	6.30	7.05	2.03	2.10	2.18	2.27	2.36	2.46	2.57	2.67	2.78
	38	1.46	2.01	2.61	3.26	3.93	4.62	5.31	5.98	6.62	2.29	2.37	2.46	2.56	2.66	2.77	2.89	3.00	3.12
	43	1.37	1.92	2.52	3.14	3.78	4.41	5.03	5.61	6.16	2.54	2.63	2.73	2.83	2.95	3.07	3.16	3.30	3.45
	48	1.18	1.73	2.30	2.89	3.48	4.05	4.59	5.09	5.52	2.84	2.93	3.04	3.15	3.27	3.40	3.50	3.65	3.80
ZXL025BE[1]	27	1.94	2.48	3.13	3.90	4.81	5.86	6.91	7.96	9.01	2.00	2.13	2.26	2.38	2.50	2.58	2.67	2.75	2.84
	32	1.93	2.46	3.08	3.80	4.64	5.61	6.58	7.55	8.52	2.27	2.39	2.53	2.66	2.79	2.89	3.00	3.11	3.21
	38	1.92	2.42	3.00	3.65	4.41	5.27	6.13	6.99	7.85	2.63	2.75	2.90	3.05	3.20	3.34	3.47	3.60	3.74
	43	1.86	2.33	2.85	3.45	4.12	4.88	5.65	6.41	7.17	2.98	3.11	3.27	3.45	3.62	3.78	3.94	4.11	4.27
	48	1.68	2.11	2.58	3.11	3.69	4.35	5.01	5.66	6.32	3.40	3.55	3.73	3.92	4.12	4.32	4.51	4.71	4.90
ZXL030BE[1]	27	2.66	3.24	3.95	4.78	5.67	6.59	7.51	8.43	9.35	2.29	2.39	2.52	2.68	2.83	2.96	3.09	3.22	3.35
	32	2.56	3.13	3.81	4.59	5.42	6.26	7.10	7.94	8.78	2.52	2.60	2.74	2.90	3.08	3.25	3.41	3.58	3.74
	38	2.41	2.95	3.60	4.32	5.07	5.81	6.56	7.30	8.05	2.88	2.94	3.06	3.24	3.44	3.64	3.84	4.05	4.25
	43	2.20	2.73	3.35	4.02	4.71	5.37	6.04	6.70	7.36	3.31	3.34	3.45	3.63	3.84	4.07	4.30	4.53	4.76
	48	1.89	2.41	3.00	3.62	4.25	4.83	5.42	6.00	6.59	3.91	3.91	4.00	4.17	4.39	4.65	4.90	5.15	5.40
ZXL035BE	27	2.69	3.56	4.58	5.72	6.97	8.30	9.68	11.09	12.50	2.73	2.83	2.94	3.06	3.19	3.33	3.47	3.62	3.76
	32	2.57	3.47	4.51	5.64	6.85	8.12	9.41	10.71	11.98	3.02	3.12	3.25	3.38	3.52	3.67	3.83	3.98	4.14
	38	2.48	3.41	4.44	5.54	6.69	7.86	9.03	10.17	11.26	3.41	3.53	3.66	3.81	3.97	4.13	4.30	4.47	4.65
	43	2.33	3.27	4.28	5.34	6.42	7.50	8.55	9.55	10.47	3.79	3.92	4.06	4.22	4.39	4.57	4.72	4.92	5.14
	48	2.00	2.94	3.92	4.92	5.92	6.89	7.81	8.65	9.39	4.23	4.37	4.53	4.70	4.88	5.07	5.22	5.44	5.67
ZXL040BE	27	3.54	4.52	5.70	7.10	8.75	10.66	12.57	14.49	16.40	3.11	3.30	3.50	3.69	3.87	4.00	4.13	4.27	4.40
	32	3.52	4.48	5.60	6.92	8.45	10.21	11.98	13.74	15.50	3.52	3.70	3.91	4.13	4.32	4.49	4.65	4.81	4.98
	38	3.50	4.41	5.45	6.65	8.02	9.59	11.16	12.72	14.29	4.07	4.27	4.49	4.73	4.96	5.17	5.38	5.59	5.80
	43	3.38	4.23	5.19	6.27	7.50	8.89	10.27	11.66	13.05	4.62	4.83	5.07	5.34	5.61	5.86	6.11	6.37	6.62
	48	3.05	3.84	4.70	5.66	6.72	7.92	9.11	10.31	11.50	5.27	5.50	5.78	6.08	6.39	6.69	6.99	7.29	7.60
ZXL050BE	27	5.11	5.87	6.92	8.25	9.82	11.62	13.60	15.76	18.06	3.74	4.02	4.26	4.46	4.66	4.87	5.12	5.44	5.84
	32	4.78	5.61	6.70	8.00	9.49	11.15	12.95	14.86	16.86	3.91	4.19	4.45	4.71	5.00	5.32	5.72	6.20	6.80
	38	4.32	5.23	6.31	7.55	8.92	10.39	11.93	13.52	15.14	4.80	5.03	5.27	5.53	5.85	6.24	6.72	7.32	8.07
	43	3.99	4.93	5.99	7.16	8.39	9.68	10.99	12.29	13.56	5.62	5.79	5.98	6.22	6.54	6.96	7.42	8.15	9.06
	48	3.79	4.74	5.75	6.82	7.90	8.98	10.03	11.02	11.92	6.35	6.42	6.55	6.75	7.05	7.47	7.96	8.74	9.73
ZXL060BE[1]	27	5.68	6.94	8.36	9.90	11.54	13.22	14.92	16.60	18.22	4.88	4.97	5.28	5.72	6.22	6.70	7.07	7.26	7.45
	32	5.51	6.71	8.06	9.51	11.03	12.59	14.14	15.64	17.07	5.37	5.45	5.77	6.23	6.76	7.27	7.70	7.95	8.20
	38	5.25	6.38	7.63	8.97	10.35	11.74	13.10	14.40	15.59	6.17	6.23	6.53	6.99	7.54	8.08	8.55	8.85	8.92
	43	4.98	6.04	7.21	8.45	9.71	10.95	12.15	13.27	14.26	7.04	7.06	7.33	7.78	8.32	8.87	9.24	9.64	9.85
	48	4.65	5.65	6.73	7.86	8.99	10.09	11.13	12.06	12.85	8.05	8.07	8.30	8.72	9.24	9.79	10.14	10.56	10.80
ZXL075BE[1]	27	6.49	7.45	8.79	10.48	12.47	14.75	17.28	20.02	22.94	5.23	5.63	5.96	6.24	6.52	6.82	7.17	7.61	8.17
	32	6.07	7.13	8.50	10.15	12.05	14.16	16.44	18.87	21.42	5.48	5.87	6.24	6.60	6.99	7.45	8.00	8.68	9.51
	38	5.49	6.64	8.02	9.59	11.33	13.19	15.15	17.18	19.23	6.72	7.04	7.37	7.74	8.18	8.73	9.41	10.25	11.30
	43	5.07	6.26	7.61	9.09	10.66	12.29	13.94	15.60	17.21	7.87	8.10	8.37	8.71	9.16	9.74	10.40	11.41	12.68
	48	4.81	6.01	7.31	8.66	10.04	11.40	12.73	13.98	15.13	8.89	8.99	9.16	9.44	9.86	10.45	11.15	12.24	13.63

Notes: [1]Available on TF5/TF7 models only
The rating condition is based on the return gas temperature of 5°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXL Family: Low temperature
Capacity and power (kW) at 50 Hz - PFJ

R407F

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)									Power evaporating temperature (°C)								
		-40	-35	-30	-25	-20	-15	-10	-5	0	-40	-35	-30	-25	-20	-15	-10	-5	0
ZXL020BE	27	1.31	1.72	2.21	2.78	3.43	4.16	4.95	5.79	6.68	1.42	1.61	1.71	1.76	1.79	1.86	2.02	2.31	2.76
	32	1.28	1.71	2.21	2.79	3.42	4.13	4.90	5.71	6.56	1.44	1.69	1.82	1.89	1.94	2.01	2.15	2.41	2.82
	38	1.24	1.70	2.22	2.78	3.42	4.10	4.84	5.61	6.40	1.48	1.78	1.95	2.04	2.09	2.16	2.29	2.50	2.87
	43	1.19	1.66	2.18	2.75	3.37	4.04	4.75	5.49	6.25	1.62	1.99	2.18	2.27	2.31	2.36	2.45	2.64	2.95
	48	1.08	1.57	2.02	2.59	3.22	3.91				2.02	2.42	2.53	2.60	2.68	2.73			
ZXL025BE	27	1.78	2.23	2.79	3.47	4.26	5.15	6.14	7.23	8.40	1.52	1.62	1.72	1.83	1.92	2.00	2.08	2.16	2.23
	32	1.76	2.20	2.74	3.39	4.14	4.99	5.95	6.98	8.09	1.74	1.85	1.96	2.06	2.16	2.25	2.34	2.42	2.50
	38	1.84	2.24	2.74	3.34	4.04	4.82	5.70	6.65	7.67	2.03	2.14	2.26	2.37	2.48	2.59	2.68	2.79	2.89
	43	1.85	2.22	2.69	3.24	3.88	4.60	5.40	6.27	7.20	2.29	2.42	2.55	2.68	2.80	2.92	3.04	3.16	3.29
	48	1.76	2.08	2.37	2.87	3.56	4.21				2.59	2.74	2.92	3.06	3.18	3.32			
ZXL030BE	27	1.66	2.44	3.21	4.00	4.85	5.78	6.80	7.92	9.18	1.82	2.01	2.14	2.22	2.30	2.38	2.52	2.72	3.02
	32	1.62	2.43	3.20	4.00	4.82	5.71	6.69	7.76	8.96	1.92	2.16	2.31	2.42	2.52	2.61	2.75	2.96	3.25
	38	1.55	2.38	3.16	3.95	4.75	5.60	6.53	7.54	8.67	2.11	2.38	2.57	2.71	2.82	2.93	3.07	3.26	3.54
	43	1.46	2.29	3.08	3.86	4.66	5.47	6.36	7.33	8.39	2.34	2.64	2.87	3.02	3.14	3.26	3.39	3.58	3.85
	48	1.30	2.16	2.85	3.10	4.48	5.30				2.68	3.03	3.27	3.43	3.56	3.68			

Notes: The rating condition is based on a return gas temperature of 5°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXL Family: Low temperature
Capacity and power (kW) at 50 Hz - TFD

R407F

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)									Power evaporating temperature (°C)								
		-40	-35	-30	-25	-20	-15	-10	-5	0	-40	-35	-30	-25	-20	-15	-10	-5	0
ZXL020BE	27	1.32	1.68	2.15	2.72	3.37	4.10	4.88	5.72	6.58	1.69	1.76	1.82	1.86	1.90	1.94	1.98	2.05	2.14
	32	1.25	1.59	2.04	2.59	3.22	3.91	4.67	5.47	6.29	1.74	1.83	1.90	1.96	2.01	2.06	2.11	2.19	2.28
	38	1.14	1.47	1.91	2.43	3.04	3.71	4.43	5.19	5.98	1.80	1.93	2.03	2.12	2.20	2.27	2.35	2.45	2.57
	43	1.06	1.38	1.81	2.33	2.92	3.57	4.27	5.01	5.78	2.02	2.19	2.34	2.46	2.57	2.68	2.80	2.92	3.07
	48	1.00	1.33	1.76	2.27	2.85	3.49				2.55	2.77	2.96	3.14	3.30	3.45			
ZXL025BE	27	1.58	2.05	2.64	3.38	4.18	5.11	6.16	7.32	8.54	2.06	2.15	2.18	2.23	2.24	2.28	2.33	2.45	2.59
	32	1.49	1.94	2.51	3.22	3.99	4.88	5.89	7.00	8.17	2.07	2.18	2.27	2.33	2.34	2.42	2.48	2.57	2.69
	38	1.36	1.80	2.35	3.03	3.77	4.62	5.59	6.65	7.76	2.08	2.17	2.34	2.48	2.56	2.71	2.82	2.95	3.09
	43	1.26	1.69	2.23	2.90	3.62	4.46	5.39	6.42	7.50	2.49	2.46	2.63	2.86	3.02	3.27	3.43	3.62	3.81
	48	1.20	1.62	2.16	2.82	3.54	4.36				3.18	3.38	3.44	3.71	3.99	4.32			
ZXL030BE	27	1.85	2.36	2.99	3.72	4.56	5.57	6.77	8.20	9.74	2.23	2.43	2.49	2.52	2.57	2.53	2.59	2.69	2.82
	32	1.75	2.24	2.84	3.54	4.35	5.32	6.47	7.84	9.31	2.24	2.46	2.59	2.64	2.69	2.69	2.75	2.82	2.92
	38	1.60	2.07	2.65	3.33	4.11	5.04	6.14	7.45	8.85	2.26	2.45	2.67	2.81	2.94	3.01	3.13	3.23	3.36
	43	1.48	1.94	2.52	3.19	3.95	4.86	5.93	7.19	8.55	2.70	2.78	3.00	3.24	3.46	3.64	3.81	3.97	4.13
	48	1.40	1.87	2.44	3.10	3.86	4.75				3.45	3.81	3.93	4.20	4.58	4.81			
ZXL035BE	27	2.57	3.21	4.02	4.84	5.75	6.78	7.96	9.37	11.06	2.31	2.30	2.42	2.58	2.82	3.05	3.31	3.65	3.99
	32	2.52	3.16	3.92	4.69	5.54	6.51	7.63	8.98	10.58	2.65	2.63	2.74	2.90	3.15	3.39	3.66	4.03	4.40
	38	2.37	3.01	3.69	4.42	5.18	6.08	7.13	8.38	9.90	3.07	3.09	3.19	3.37	3.63	3.90	4.21	4.62	5.06
	43	2.28	2.87	3.51	4.17	4.89	5.73	6.70	7.88	9.33	3.54	3.56	3.68	3.87	4.17	4.48	4.82	5.30	5.82
	48	2.20	2.83	3.42	4.02	4.68	5.46				4.12	4.27	4.39	4.59	4.94	5.28			
ZXL040BE	27	3.06	3.87	4.80	5.83	7.00	8.30	9.76	11.38	13.17	2.74	2.85	3.03	3.26	3.54	3.85	4.18	4.52	4.84
	32	2.93	3.72	4.60	5.59	6.70	7.94	9.33	10.86	12.56	3.08	3.19	3.38	3.63	3.93	4.26	4.61	4.97	5.32
	38	2.73	3.47	4.30	5.23	6.26	7.42	8.71	10.13	11.72	3.53	3.68	3.90	4.19	4.52	4.90	5.29	5.70	6.11
	43	2.56	3.26	4.04	4.90	5.86	6.94	8.14	9.47	10.95	3.98	4.17	4.44	4.77	5.16	5.58	6.04	6.50	6.92
	48	2.42	3.07	3.78	4.58	5.47	6.46				4.52	4.77	5.10	5.49	5.94	6.44			
ZXL050BE	27	3.50	4.25	5.33	6.70	8.28	9.99	11.75	13.47	15.08	2.95	3.13	3.28	3.45	3.63	3.94	4.25	4.60	5.12
	32	3.23	3.97	5.04	6.36	7.87	9.51	11.15	12.74	14.20	3.39	3.56	3.72	3.87	4.05	4.36	4.61	5.03	5.56
	38	2.90	3.62	4.67	5.96	7.40	8.94	10.48	11.92	13.22	4.23	4.35	4.47	4.61	4.79	5.06	5.35	5.77	6.33
	43	2.69	3.38	4.42	5.68	7.08	8.55	10.00	11.34	12.47	4.99	4.98	5.09	5.22	5.51	5.85	6.17	6.50	6.94
	48	2.55	3.19	4.24	5.48	6.86	8.28				5.60	5.40	5.55	5.87	6.20	6.62			
ZXL060BE	27	4.14	5.11	6.38	7.89	9.61	11.43	13.32	15.21	17.02	3.65	3.81	3.95	4.15	4.39	4.71	5.12	5.65	6.28
	32	3.94	4.90	6.17	7.68	9.38	11.22	13.12	15.01	16.82	4.20	4.36	4.52	4.72	4.98	5.31	5.74	6.30	7.00
	38	3.60	4.52	5.74	7.22	8.88	10.69	12.56	14.42	16.23	4.97	5.13	5.29	5.49	5.75	6.09	6.54	7.10	7.83
	43	3.33	4.18	5.34	6.75	8.36	10.11	11.93	13.75	15.51	5.67	5.81	5.95	6.14	6.40	6.74	7.19	7.76	8.49
	48	3.13	3.90	4.98	6.29	7.81	9.47				6.36	6.48	6.61	6.78	7.02	7.34			
ZXL075BE	27	4.60	5.69	7.08	8.73	10.61	12.66	14.87	17.18	19.57	3.97	4.17	4.37	4.61	4.91	5.30	5.81	6.46	7.30
	32	4.36	5.44	6.80	8.41	10.22	12.21	14.33	16.54	18.82	4.53	4.73	4.93	5.17	5.48	5.88	6.40	7.07	7.92
	38	3.98	5.05	6.38	7.94	9.70	11.60	13.63	15.73	17.87	5.38	5.57	5.77	6.00	6.30	6.70	7.22	7.89	8.74
	43	3.68	4.75	6.06	7.59	9.30	11.14	13.09	15.10	17.14	6.15	6.32	6.50	6.72	7.01	7.40	7.90	8.57	9.41
	48	3.49	4.55	5.85	7.35	9.01	10.80				6.90	7.05	7.20	7.40	7.66	8.03			

Notes: The rating condition is based on a return gas temperature of 5°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZXL Family: Low temperature
Capacity and power (kW) at 60 Hz - PFV/TF5/TF7

R407F

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-40	-35	-30	-25	-20	-15	-40	-35	-30	-25	-20	-15
ZXL020BE	20	1.64	2.13	2.76	3.54	4.43	5.44	1.66	1.74	1.82	1.86	1.93	1.93
	27	1.60	2.05	2.64	3.36	4.20	5.14	2.09	2.17	2.26	2.30	2.37	2.35
	32	1.51	1.94	2.51	3.20	4.00	4.90	2.12	2.23	2.34	2.40	2.47	2.47
	38	1.38	1.79	2.33	3.00	3.77	4.63	2.18	2.32	2.47	2.56	2.68	2.70
	43	1.27	1.68	2.21	2.86	3.62	4.46	2.41	2.61	2.80	2.94	3.09	3.15
	48	1.20	1.61	2.14	2.78	3.52	4.35	3.01	3.26	3.51	3.70	3.92	4.01
	50	1.17	1.58	2.11	2.75	3.48	4.30	3.35	3.62	3.91	4.13	4.39	4.49
ZXL025BE[1]	20	1.96	2.59	3.40	4.40	5.50	6.79	1.99	2.11	2.19	2.27	2.34	2.36
	27	1.91	2.50	3.25	4.18	5.21	6.41	2.55	2.65	2.70	2.75	2.80	2.77
	32	1.81	2.37	3.08	3.98	4.97	6.11	2.52	2.65	2.79	2.85	2.89	2.90
	38	1.65	2.18	2.87	3.73	4.68	5.78	2.52	2.61	2.84	3.00	3.12	3.22
	43	1.52	2.05	2.72	3.56	4.49	5.56	2.97	2.93	3.15	3.42	3.63	3.84
	48	1.44	1.97	2.63	3.46	4.38	5.42	3.75	3.98	4.07	4.38	4.74	5.02
	50	1.40	1.93	2.60	3.42	4.32	5.36	4.21	4.67	4.62	4.93	5.40	5.72
ZXL030BE[1]	20	2.34	2.98	3.84	4.84	6.00	7.40	2.15	2.38	2.50	2.58	2.61	2.62
	27	2.24	2.88	3.67	4.60	5.68	6.99	2.76	2.91	3.03	3.12	3.11	3.08
	32	2.11	2.72	3.48	4.38	5.41	6.66	2.73	2.99	3.18	3.23	3.22	3.23
	38	1.93	2.51	3.24	4.10	5.10	6.30	2.73	2.95	3.24	3.40	3.47	3.58
	43	1.78	2.36	3.08	3.92	4.89	6.06	3.22	3.30	3.60	3.87	4.04	4.27
	48	1.68	2.26	2.98	3.81	4.77	5.91	4.06	4.48	4.65	4.96	5.28	5.58
	50	1.64	2.22	2.93	3.76	4.71	5.85	4.56	5.26	5.27	5.59	6.02	6.36
ZXL035BE	20	3.16	4.11	5.16	6.25	7.48	8.89	2.36	2.49	2.65	2.85	3.16	3.36
	27	3.12	3.92	4.94	5.99	7.16	8.50	2.82	2.95	3.07	3.19	3.52	3.71
	32	3.05	3.84	4.80	5.79	6.89	8.15	3.23	3.20	3.36	3.55	3.88	4.07
	38	2.87	3.65	4.52	5.44	6.43	7.60	3.70	3.71	3.86	4.07	4.42	4.63
	43	2.74	3.48	4.29	5.14	6.06	7.15	4.22	4.24	4.41	4.62	5.02	5.25
	48	2.65	3.43	4.17	4.94	5.79	6.79	4.86	5.02	5.20	5.42	5.88	6.13
	50	2.61	3.40	4.12	4.85	5.68	6.64	5.15	5.40	5.59	5.82	6.30	6.56
ZXL040BE	20	3.77	4.84	6.06	7.46	9.05	10.85	2.88	3.02	3.27	3.56	3.94	4.22
	27	3.70	4.73	5.89	7.22	8.72	10.42	3.39	3.51	3.76	4.04	4.42	4.68
	32	3.54	4.53	5.64	6.91	8.34	9.95	3.76	3.89	4.15	4.44	4.84	5.11
	38	3.29	4.22	5.27	6.45	7.78	9.27	4.26	4.42	4.72	5.06	5.50	5.81
	43	3.08	3.95	4.93	6.03	7.27	8.66	4.74	4.96	5.31	5.70	6.20	6.55
	48	2.90	3.71	4.61	5.62	6.76	8.04	5.33	5.60	6.03	6.48	7.07	7.47
	50	2.83	3.61	4.48	5.45	6.55	7.79	5.60	5.91	6.38	6.87	7.49	7.92
ZXL050BE	20	4.56	5.53	6.96	8.81	10.97	13.36	3.46	3.75	3.94	4.09	4.38	4.56
	27	4.24	5.18	6.55	8.29	10.32	12.54	3.64	3.86	4.08	4.26	4.53	4.79
	32	3.90	4.84	6.18	7.85	9.79	11.91	4.14	4.34	4.56	4.73	4.99	5.24
	38	3.50	4.41	5.72	7.34	9.19	11.18	5.10	5.23	5.42	5.57	5.82	6.01
	43	3.24	4.09	5.40	6.99	8.77	10.67	5.96	5.92	6.10	6.23	6.62	6.87
	48	3.06	3.86	5.17	6.73	8.48	10.31	6.60	6.35	6.57	6.93	7.38	7.68
	50	2.99	3.77	5.07	6.62	8.35	10.15	6.88	6.52	6.75	7.23	7.70	8.03
ZXL060BE[1]	20	5.05	6.38	8.01	9.98	12.25	14.78	3.85	4.00	4.30	4.53	4.68	4.90
	27	5.01	6.23	7.84	9.77	11.97	14.35	4.52	4.69	4.91	5.14	5.47	5.72
	32	4.77	5.97	7.57	9.49	11.67	14.05	5.14	5.31	5.55	5.77	6.13	6.38
	38	4.35	5.49	7.03	8.89	11.02	13.36	6.00	6.18	6.41	6.63	6.99	7.23
	43	4.01	5.07	6.53	8.31	10.35	12.61	6.76	6.91	7.12	7.34	7.70	7.91
	48	3.77	4.73	6.07	7.72	9.65	11.78	7.50	7.61	7.83	8.00	8.34	8.52
	50	3.66	4.58	5.88	7.48	9.37	11.44	7.83	7.92	8.14	8.29	8.61	8.77
ZXL075BE[1]	20	5.67	7.08	8.90	11.09	13.61	16.43	4.45	4.67	4.93	5.19	5.57	5.88
	27	5.57	6.95	8.71	10.81	13.22	15.89	4.90	5.13	5.42	5.70	6.11	6.44
	32	5.27	6.62	8.34	10.38	12.71	15.29	5.53	5.76	6.05	6.33	6.75	7.06
	38	4.80	6.13	7.81	9.79	12.04	14.50	6.49	6.70	6.99	7.25	7.67	7.95
	43	4.44	5.76	7.40	9.34	11.51	13.90	7.34	7.52	7.79	8.03	8.43	8.68
	48	4.20	5.51	7.13	9.02	11.14	13.45	8.14	8.28	8.52	8.73	9.11	9.32
	50	4.10	5.41	7.02	8.89	10.98	13.25	8.49	8.60	8.82	9.01	9.37	9.55

Notes: [1]Available on TF5/TF7 models only
The rating condition is based on a return gas temperature of 5°C.
Power includes condenser fan.
Ambient 38°C and 43°C are typical design conditions for unit selection.

ZX Family: Medium temperature
Technical data at 50 Hz - PFJ

Family				ZX			
Nominal Rating		Horsepower	HP	2	2.5	3	4
Model Name				ZX020B0 ZX020BE	ZX025B0 ZX025BE	ZX030B0 ZX030BE	ZX040B0 ZX040BE
Performance	R22	ET/AT/RGT	°C	-6.7/32/18.3			
		Capacity	kW	3.85	4.51	5.53	7.57
		COP	W/W	2.41	2.69	2.43	2.54
	R404A	ET/AT/RGT	°C	-6.7/32/18.3			
		Capacity	kW	4.30	4.84	6.00	7.80
		COP	W/W	2.26	2.37	2.35	2.29
	R407F	ET/AT/RGT	°C	-6.7/32/18.3			
		Capacity	kW	4.40	4.99	6.31	8.37
		COP	W/W	2.32	2.40	2.38	2.38
	Sound Pressure Level	@1m	dB(A)	56			
Compressor	Rated Load Ampere	R22	Amp	13.2	14.6	16.4	20.0
		R404A	Amp	13.2	14.6	16.4	20.0
		R407F	Amp	13.2	14.6	16.4	20.0
	Locked Rotor Ampere	R22	Amp	58.0	61.0	82.0	114.0
		R404A	Amp	58.0	61.0	82.0	114.0
		R407F	Amp	58.0	61.0	82.0	114.0
	Oil Type	R22		MINERAL			
		R404A		POE			
		R407F		POE			
	Oil Recharge Volume	R22/R404A/R407F		1.18	1.33	1.33	1.83
Fan Motor	Number of Fan		Pieces	1	1	1	1
	Diameter		mm	450	450	450	450
	Fan Speed		rpm	933	933	933	933
	Air Flow	Total	m^3/h	3483	3483	3483	3483
	Total Fan Motor Power	Input	W	116	116	116	116
Others	Oil Separator	Volume	Liters	0.5	0.5	0.5	0.5
	Receiver Volume	R22	kg	5.1	5.1	5.1	5.1
		R404A	kg	4.4	4.4	4.4	4.4
		R407F	kg	4.5	4.5	4.5	4.5
	Pipes	Suction OD	Inch	3/4	3/4	3/4	3/4
		Liquid OD	Inch	1/2	1/2	1/2	1/2
	Dimension	W x D x H	mm	1029 x 424 x 840			
	Weight	Net	kg	76	79	79	100
		Gross	kg	114	117	117	138

ZX Family: Medium temperature

Technical data at 50 Hz - TFD

Family				ZX						
Nominal Rating		Horsepower	HP	2	3	4	5	6	7.5	7.6
Model Name				ZX020B0 ZX020BE	ZX030B0 ZX030BE	ZX040B0 ZX040BE	ZX050B0 ZX050BE	ZX060B0 ZX060BE	ZX075B0 ZX075BE	ZX076B0 ZX076BE
Performance	R22	ET/AT/RGT	°C	-6.7/32/18.3						
		Capacity	kW	3.85	5.53	7.57	9.30	11.20	12.60	12.85
		COP	W/W	2.41	2.43	2.43	2.66	2.60	2.57	2.65
	R404A	ET/AT/RGT	°C	-6.7/32/18.3						
		Capacity	kW	4.30	6.00	7.80	10.70	11.80	13.20	13.46
		COP	W/W	2.26	2.35	2.29	2.40	2.41	2.40	2.50
	R407F	ET/AT/RGT	°C	-6.7/32/18.3						
		Capacity	kW	4.40	6.31	8.37	10.49	11.68	12.73	12.98
		COP	W/W	2.32	2.38	2.38	2.44	2.56	2.56	2.55
	Sound Pressure Level	@1m	dB(A)	56			60			
Compressor	Rated Load Ampere	R22	Amp	4.3	5.7	7.4	8.9	11.5	12.0	12.0
		R404A	Amp	5.0	6.1	7.5	9.6	11.5	11.8	11.8
		R407F	Amp	5.0	6.1	7.5	9.6	11.5	11.8	11.8
	Locked Rotor Ampere	R22	Amp	26.0	36.0	44.3	58.6	67.0	101.0	101.0
		R404A	Amp	26.0	36.0	44.3	58.6	67.0	101.0	101.0
		R407F	Amp	26.0	36.0	44.3	58.6	67.0	101.0	101.0
	Oil Type	R22		MINERAL						
		R404A		POE						
		R407F		POE						
	Oil Recharge Volume	R22/R404A/ R407F		1.18	1.33	1.83	1.83	1.66	1.66	1.66
Fan Motor	Number of Fan		Pieces	1	1	1	2	2	2	2
	Diameter		mm	450	450	450	450	450	450	450
	Fan Speed		rpm	830	830	830	830	830	830	830
	Air Flow	Total	m^3/h	2922	2922	2922	5910	5910	5910	5910
	Total Fan Motor Power	Input	W	116	116	116	246	246	246	246
Others	Oil Separator	Volume	Liters	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Receiver Volume	R22	kg	5.1	5.1	5.1	7.2	7.2	7.2	7.2
		R404A	kg	4.4	4.4	4.4	6.3	6.3	6.3	6.3
		R407F	kg	4.5	4.5	4.5	6.4	6.4	6.4	6.4
	Pipes	Suction OD	Inch	3/4	3/4	7/8	7/8	7/8	7/8	7/8
		Liquid OD	Inch	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Dimension	W x D x H	mm	1029 x 424 x 840			1029 x 424 x 1242			
	Weight	Net	kg	76	79	100	108	112	118	121
		Gross	kg	114	117	121	152	156	162	154

ZX Family: Medium temperature
Technical data at 60 Hz - PFV/TF5/TF7

Family					ZX					
Nominal Rating		Horsepower		HP	2	3	4	5	6	7.5
Model Name					ZX020B0 ZX020BE	ZX030B0 ZX030BE	ZX040B0 ZX040BE	ZX050B0 ZX050BE	ZX060B0 ZX060BE	ZX075B0 ZX075BE
Performance	R22	ET/AT/RGT		°C	-6.7/32/18.3					
		Capacity		kW	4.79	6.49	9.52	10.76	12.77	14.18
		COP		W/W	2.42	2.37	2.56	2.51	2.45	2.37
	R404A	ET/AT/RGT		°C	-6.7/32/18.3					
		Capacity		kW	5.10	7.30	10.16	12.46	14.48	15.28
		COP		W/W	2.37	2.27	2.48	2.43	2.42	2.22
	R407F	ET/AT/RGT		°C	-6.7/32/18.3					
		Capacity		kW	5.44	7.79	10.34	12.95	14.42	15.72
		COP		W/W	2.29	2.35	2.35	2.41	2.53	2.52
	Sound Pressure Level	@1m		dB(A)	56		60			
Compressor	Rated Load Ampere	R22		Amp	-/8.9/5.0	-/11.4/7.5	-/15.0/9.3	-/20.7/10.7	-/20.7/10.7	-/25.0/12.1
	PFV/TF5/TF7	R404A		Amp	15.7/8.9/5.1	20.7/12.1/7.4	25.0/15.7/9.6	30.8/24.0/12.4	-/23.1/12.6	-/26.0/14.1
		R407F		Amp	-/8.9/5.1	-/12.1/7.4	-/15.7/9.6	-/24.0/12.4	-/23.1/12.6	-/26.0/14.1
	Locked Rotor Ampere	R22		Amp	-/55.0/27.0	-/77.0/39.0	-/115.0/54.0	-/128.0/64.0	-/156.0/70.0	-/164.0/100.0
	PFV/TF5/TF7	R404A		Amp	61.0/27.0/61.0	95.0/77.0/39.0	137.0/115.0/54.0	144.0/128.0/64.0	-/156.0/70.0	-/164.0/100.0
		R407F		Amp	-/55.0/27.0	-/77.0/39.0	-/115.0/54.0	-/128.0/64.0	-/156.0/70.0	-/164.0/100.0
	Oil Type	R22			MINERAL					
		R404A			POE					
		R407F			POE					
	Oil Recharge Volume	R22/R404A/R407F		Liters	1.18	1.33	1.83	1.83	1.66	1.66
Fan Motor	Number of Fan			Pieces	1	1	2	2	2	2
	Diameter			mm	450	450	450	450	450	450
	Fan Speed			rpm	933	933	933	933	933	933
	Air Flow	Total		m^3/h	3483	3483	6966	6966	6966	6966
	Total Fan Motor Power	Input		W	145	145	290	290	290	290
Others	Oil Separator	Volume		Liters	0.5	0.5	0.5	0.5	0.5	0.5
	Receiver Volume	R22		kg	5.1	5.1	7.2	7.2	7.2	7.2
		R404A		kg	4.4	4.4	6.3	6.3	6.3	6.3
		R407F		kg	4.5	4.5	6.4	6.4	6.4	6.4
	Pipes	Suction OD		Inch	3/4	3/4	3/4	3/4	3/4	3/4
		Liquid OD		Inch	1/2	1/2	1/2	1/2	1/2	1/2
	Dimension	W x D x H		mm	1029 x 424 x 840		1029 x 424 x 1242			
	Weight	Net		kg	76	79	100	108	112	121
		Gross		kg	114	117	135	152	156	162

ZXB Family: Medium temperature
Technical data at 50 Hz - TFD

Family					ZXB							
Nominal Rating		Horsepower	HP		1.5	2	2.5	3	3.5	4	5	5.5
Model Name					ZXB015BE	ZXB020BE	ZXB025BE	ZXB030BE	ZXB035BE	ZXB040BE	ZXB050BE	ZXB060BE
Power		Phase	Ph		3	3	3	3	3	3	3	3
Performance	R134a	ET/AT/RGT	°C		-6.7/32/18.3							
		Capacity	kW		3.20	3.76	3.92	4.96	6.61	7.23	8.52	9.38
		COP	W/W		2.73	3.01	2.74	2.86	2.88	2.94	2.91	2.65
	Sound Pressure Level	@1m	dB(A)		56					60		
Compressor	Rated Load Ampere	R134a	Amp		5.0	5.6	5.6	7.1	7.1	7.9	10.0	12.1
	Locked Rotor Ampere	R134a	Amp		39.2	39.2	39.2	51.5	51.5	51.5	74.0	101.0
	Oil Type	R134a			POE							
	Oil Recharge Volume	R134a	Liters		0.56	0.56	0.56	1.24	1.24	1.24	1.77	1.77
	Oil Initial Volume	R134a	Liters		0.74	0.74	0.74	1.36	1.36	1.36	1.89	1.89
Fan Motor	Number of Fan		Pieces		1	1	1	1	1	2	2	2
	Diameter		mm		450	450	450	450	450	450	450	450
	Fan Speed		rpm		830	830	830	830	830	830	830	830
	Air Flow	Total	m^3/h		2922	2922	2922	2922	2922	5910	5910	5910
	Fan Motor Power	Input	W		116	116	116	116	116	246	246	246
Others	Oil Separator	Volume	Liters		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Receiver Volume	R134a	kg		5.1	5.1	5.1	5.1	5.1	7.2	7.2	7.2
	Pipes	Suction OD	in		3/4	3/4	3/4	7/8	7/8	7/8	7/8	7/8
		Liquid OD	in		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Dimension	W x D x H	mm		1029 x 424 x 840					1029 x 424 x 1242		
	Weight	Net	kg		79	81	81	93	93	106	116	121
		Gross	kg		117	119	119	131	131	150	160	165

ZXB Family: Medium temperature
Technical data at 60 Hz - TF5/TF7

Family					ZXB							
Nominal Rating		Horsepower	HP		1.5	2	2.5	3	3.5	4	5	5.5
Model Name					ZXB015BE	ZXB020BE	ZXB025BE	ZXB030BE	ZXB035BE	ZXB040BE	ZXB050BE	ZXB060BE
Power		Phase	Ph		3	3	3	3	3	3	3	3
Performance	R134a	ET/AT/RGT	°C		-6.7/32/18.3							
		Capacity	kW		3.86	4.53	4.91	5.99	7.97	8.72	10.27	11.30
		COP	W/W		2.73	3.09	2.80	2.86	2.88	2.97	2.90	2.66
	Sound Pressure Level	@1m	dB(A)		56				60			
Compressor	Rated Load Ampere	R134a	Amp		11.4/5.1	11.8/5.2	12.1/6.5	18.0/7.2	18.8/9.3	20.1/11.8	24.0/13.3	27.2/13.5
	Locked Rotor Ampere	R134a	Amp		73.0/34.8	73.0/34.8	73.0/38.6	110.0/47.0	110.0/66.0	110.0/73.5	186.6/94.3	191.0/94.3
	Oil Type	R134a			POE							
	Oil Recharge Volume	R134a	Liters		0.56	0.56	0.56	1.24	1.24	1.24	1.77	1.77
	Oil Initial Volume	R134a	Liters		0.74	0.74	0.74	1.36	1.36	1.36	1.89	1.89
Fan Motor	Number of Fan		Pieces		1	1	1	1	2	2	2	2
	Diameter		mm		450	450	450	450	450	450	450	450
	Fan Speed		rpm		933	933	933	933	933	933	933	933
	Air Flow	Total	m^3/h		3483	3483	3483	3483	6966	6966	6966	6966
	Fan Motor Power	Input	W		145	145	145	145	290	290	290	290
Others	Oil Separator	Volume	Liters		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Receiver Volume	R134a	kg		5.1	5.1	5.1	5.1	7.2	7.2	7.2	7.2
	Pipes	Suction OD	in		3/4	3/4	3/4	7/8	7/8	7/8	7/8	7/8
		Liquid OD	in		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Dimension	W x D x H	mm		1029 x 424 x 840				1029 x 424 x 1242			
	Weight	Net	kg		79	81	81	93	93	106	116	121
		Gross	kg		117	119	119	131	131	150	160	165

ZXD Family: Digital medium temperature
Technical data at 50 Hz - TFD

Family					ZXD							
Nominal Rating	Horsepower HP				3	4	5	6	7.5	7.6	9	16
Model Name					ZXD030B0 ZXD030BE	ZXD040B0 ZXD040BE	ZXD050B0 ZXD050BE	ZXD060B0 ZXD060BE	ZXD075B0 ZXD075BE	ZXD076B0 ZXD076BE	ZXD090BE	ZXD160BE
Performance	R22	ET/AT/RGT	°C		-6.7/32/18.3							
		Capacity	kW		5.49	7.76	9.30	11.0	12.84	13.09	/	/
		COP	W/W		2.60	2.67	2.65	2.64	2.53	2.67	/	/
	R404A	ET/AT/RGT	°C		-6.7/32/18.3							
		Capacity	kW		5.82	8.30	10.70	11.80	13.20	13.46	15.5	29.0
		COP	W/W		2.45	2.47	2.43	2.41	2.43	2.49	2.28	2.40
	R407F	ET/AT/RGT	°C		-6.7/32/18.3							
		Capacity	kW		6.04	8.28	10.34	11.26	13.63	13.90	/	/
		COP	W/W		2.47	2.71	2.73	2.46	2.40	2.50	/	/
	Sound Pressure Level	@1m	dB(A)		56	60					62	69
	Rated Load Ampere	R22	Amp		7.4	7.9	10.0	10.0	12.1	12.1	/	/
		R404A	Amp		7.4	7.7	10.4	12.4	12.4	12.4	14.6	11.1 + 11.1
		R407F	Amp		7.4	7.9	10.0	12.1	12.1	12.1	/	/
	Locked Rotor Ampere	R22	Amp		40.0	48.0	64.0	74.0	100.0	100.0	/	/
		R404A	Amp		40.0	48.0	64.0	74.0	100.0	100.0	102	74
		R407F	Amp		40.0	48.0	64.0	74.0	100.0	100.0	/	/
	Oil Type	R22			MINERAL							
		R404A			POE							
		R407F			POE							
	Oil Recharge Volume	R22/ R404A/ R407F	Liters		1.12	1.24	1.77	1.77	1.77	1.77	1.89	1.9 + 1.9
Fan Motor	Number of Fan		Pieces		1	3	2	2	2	2	2	2
	Diameter		mm		450	450	450	450	450	450	450	590
	Fan Speed		rpm		830	830	830	830	830	830	830	850
	Air Flow	Total	m3/h		2922	5910	5910	5910	5910	5910	5910	19280
	Total Fan Motor Power	Input	W		116	246	246	246	246	246	246	950
Others	Oil Separator	Volume	Liters		0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.5
	Receiver Volume	R22	kg		5.1	7.2	7.2	7.2	7.2	7.2	/	/
		R404A	kg		4.4	6.3	6.3	6.3	6.3	6.3	6.3	17
		R407F	kg		4.5	6.4	6.4	6.4	6.4	6.4	/	/
	Pipes	Suction OD	Inch		3/4	7/8	7/8	7/8	7/8	7/8	7/8	1 3/8
		Liquid OD	Inch		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/4
	Dimension	W x D x H	mm		1029 x 424 x 840	1029 x 424 x 1242						1619 x 1010 x 1124
	Weight	Net	kg		85	104	112	114	119	122	138	308
		Gross	kg		123	148	156	158	163	171	158	408

ZXD Family: Digital medium temperature
Technical data at 60 Hz - TF5/TF7

Family				ZXD				
Nominal Rating		Horsepower	HP	3	4	5	6	7.5
Model Name				ZXD030B0 ZXD030BE	ZXD040B0 ZXD040BE	ZXD050B0 ZXD050BE	ZXD060B0 ZXD060BE	ZXD075B0 ZXD075BE
Performance	R22	ET/AT/RGT	°C	-6.7/32/18.3				
		Capacity	kW	5.93	8.46	10.84	12.79	13.99
		COP	W/W	2.39	2.45	2.45	2.43	2.40
	R404A	ET/AT/RGT	°C	-10/32/18.3				
		Capacity	kW	6.33	8.70	10.77	12.54	13.84
		COP	W/W	2.23	2.18	2.11	2.12	2.08
	R407F	ET/AT/RGT	°C	-10/32/18.3				
		Capacity	kW	6.66	8.06	9.98	11.53	14.46
		COP	W/W	2.33	2.11	2.13	2.13	2.04
	Sound Pressure Level	@1m	dB(A)	56	60			
Compressor	Rated Load Ampere	R22	Amp	-/6.1	17.1/9.3	20.7/10.7	20.7/12.5	25.0/14.3
	TF5/TF7	R404A	Amp	-/6.1	16.7/9.6	23.7/11.6	25.4/12.9	30.0/14.6
		R407F	Amp	-/6.1	16.7/9.6	23.7/11.6	25.4/12.9	30.0/14.6
	Locked Rotor Ampere	R22	Amp	-/38	110.0/54.0	137.0/64.0	156.0/70.0	164.0/78.0
	TF5/TF7	R404A	Amp	-/38	110.0/54.0	137.0/64.0	156.0/70.0	164.0/78.0
		R407F	Amp	-/38	110.0/54.0	137.0/64.0	156.0/70.0	164.0/78.0
	Oil Type	R22		Mineral				
		R404A		POE				
		R407F		POE				
	Oil Recharge Volume	R22/R404A/R407F	Liters	1.12	1.24	1.77	1.77	1.77
Fan Motor	Number of Fan		Pieces	1	2	2	2	2
	Diameter		mm	450	450	450	450	450
	Fan Speed		rpm	830	933	933	933	933
	Air Flow	Total	m^3/h	2922	6966	6966	6966	6966
	Total Fan Motor Power	Input	W	116	290	290	290	290
Others	Oil Separator	Volume	Liters	0.5	0.5	0.5	0.5	0.5
	Receiver Volume	R22	kg	5.1	7.2	7.2	7.2	7.2
		R404A	kg	4.4	6.3	6.3	6.3	6.3
		R407F	kg	4.5	6.4	6.4	6.4	6.4
	Pipes	Suction OD	Inch	3/4	7/8	7/8	7/8	7/8
		Liquid OD	Inch	1/2	1/2	1/2	1/2	1/2
	Dimension	W x D x H	mm	1029 x 424 x 840	1029 x 424 x 1242			
	Weight	Net	kg	85	109	117	121	127
		Gross	kg	123	148	156	158	163

ZXL Family: Low temperature

Technical data at 50 Hz - PFJ

Family				ZXL		
Nominal Rating		Horsepower	HP	2	2.5	3
Model Name				ZXL020B0 ZXL020BE	ZXL025B0 ZXL025BE	ZXL030B0 ZXL030BE
Performance	R22	ET/AT/RGT	°C	-32/32/5°C		
		Capacity	kW	1.60	2.06	2.37
		COP	W/W	1.05	1.15	1.19
	R404A	ET/AT/RGT	°C	-32/32/5°C		
		Capacity	kW	1.97	2.47	2.84
		COP	W/W	1.09	1.26	1.24
	R407F	ET/AT/RGT	°C	-32/32/5°C		
		Capacity	kW	1.99	2.52	2.87
		COP	W/W	1.08	1.25	1.23
	Sound Pressure Level	@1m	dB(A)	56		
Compressor	Rated Load Ampere TF5	R22	Amp	12.7	13.3	15.1
		R404A	Amp	12.7	13.3	15.1
		R407F	Amp	12.7	13.3	15.1
	Rated Load Ampere TF7	R22	Amp	56.6	73.7	82.3
		R404A	Amp	56.6	73.7	82.3
		R407F	Amp	56.6	73.7	82.3
	Oil Type	R22		Mineral		
		R404A		POE		
		R407F		POE		
	Oil Recharge Volume	R22/R404A/R407F	Liters	0.56	0.56	0.56
Fan Motor	Number of Fan		Pieces	1	1	1
	Diameter		mm	450	450	450
	Fan Speed		rpm	830	830	830
	Air Flow	Total	m^3/h	2922	2922	2922
	Total Fan Motor Power	Input	W	116	116	116
Others	Oil Separator	Volume	Liters	0.5	0.5	0.5
	Receiver Volume	R22	kg	5.1	5.1	5.1
		R404A	kg	4.4	4.4	4.4
		R407F	kg	4.5	4.5	4.5
	Pipes	Suction OD	Inch	3/4	3/4	3/4
		Liquid OD	Inch	1/2	1/2	1/2
	Dimension	W x D x H	mm	1029 x 424 x 840		
	Weight	Net	kg	79	81	81
		Gross	kg	117	119	119

ZXL Family: Low temperature
Technical data at 50 Hz - TFD

Family				ZXL							
Nominal Rating	Horsepower		HP	2	2.5	3	3.5	4	5	6	7.5
Model Name				ZXL020B0 ZXL020BE	ZXL025B0 ZXL025BE	ZXL030B0 ZXL030BE	ZXL035B0 ZXL035BE	ZXL040B0 ZXL040BE	ZXL050B0 ZXL050BE	ZXL060B0 ZXL060BE	ZXL075B0 ZXL075BE
Performance	R22	ET/AT/RGT	°C	-32/32/5°C							
		Capacity	kW	1.72	1.91	2.34	2.78	3.57	4.05	4.96	5.39
		COP	W/W	1.20	1.17	1.28	1.26	1.24	1.29	1.27	1.28
	R404A	ET/AT/RGT	°C	-32/32/5°C							
		Capacity	kW	2.11	2.51	2.8	3.65	4.26	4.99	5.91	6.65
		COP	W/W	1.24	1.28	1.29	1.34	1.29	1.36	1.33	1.38
	R407F	ET/AT/RGT	°C	-32/32/5°C							
		Capacity	kW	1.86	2.29	2.60	3.61	4.25	4.61	5.66	6.25
		COP	W/W	0.99	1.02	1.02	1.34	1.29	1.26	1.27	1.29
	Sound Pressure Level	@1m	dB(A)	56					60		
Compressor	Rated Load Ampere	R22	Amp	5.4	5.5	5.7	7.4	8.1	8.8	11.1	12.1
		R404A	Amp	5.6	6.2	6.0	8.3	8.6	10.0	11.1	14.6
		R407F	Amp	5.6	6.2	6.5	8.3	8.6	10.0	11.1	14.6
	Locked Rotor Ampere	R22	Amp	39.2	39.2	39.2	51.5	51.5	51.5	74.0	101.0
		R404A	Amp	39.2	39.2	39.2	51.5	51.5	51.5	74.0	101.0
		R407F	Amp	39.2	39.2	39.2	51.5	51.5	51.5	74.0	101.0
	Oil Type	R22		Mineral							
		R404A		POE							
		R407F		POE							
	Oil Recharge Volume	R22/R404A/R407F	Liters	0.56	0.56	0.56	1.24	1.24	1.24	1.77	1.77
Fan Motor	Number of Fan		Pieces	1	1	1	1	1	2	2	2
	Diameter		mm	450	450	450	450	450	450	450	450
	Fan Speed		rpm	830	830	830	830	830	830	830	830
	Air Flow	Total	m^3/h	2922	2922	2922	2922	2922	5910	5910	5910
	Total Fan Motor Power	Input	W	116	116	116	116	116	246	246	246
Others	Oil Separator	Volume	Liters	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Receiver Volume	R22	kg	5.1	5.1	5.1	5.1	5.1	7.2	7.2	7.2
		R404A	kg	4.4	4.4	4.4	4.4	4.4	6.3	6.3	6.3
		R407F	kg	4.5	4.5	4.5	4.5	4.5	6.4	6.4	6.4
	Pipes	Suction OD	Inch	3/4	3/4	3/4	7/8	7/8	7/8	7/8	7/8
		Liquid OD	Inch	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Dimension	W x D x H	mm	1029 x 424 x 840					1029 x 424 x 1242		
	Weight	Net	kg	79	81	81	93	93	106	116	121
		Gross	kg	117	119	119	131	131	150	165	170

ZXLD Family: Low temperature

Technical data at 50 Hz -TFD

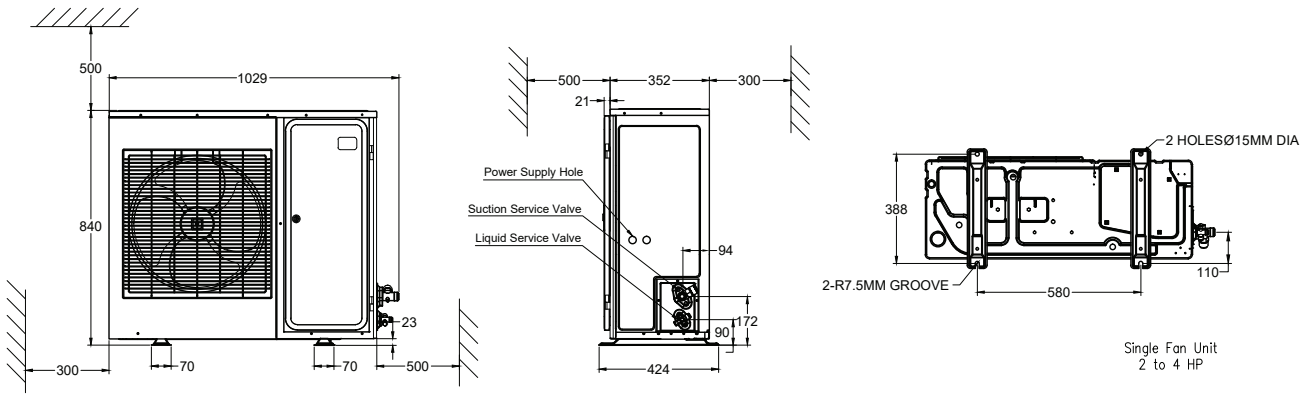
Family				ZXLD	
Nominal Rating	Horsepower HP			9	16
Model Name				ZXLD090BE	ZXLD160BE
Performance	R404A	ET/AT/RGT	°C	-32/32/5	-32/32/5
		Capacity	kW	7.2	15.5
		COP	W/W	1.38	1.32
	Sound Pressure Level	@1m	dB(A)	62	69
Compressor	Rated Load Ampere	R404A	Amp	14.6	14.6 + 14.6
	Locked Rotor Ampere	R404A	Amp	102	102
	Oil Type	R404A		POE	POE
	Oil Recharge Volume		Liters	1.89	1.9 + 1.9
Fan Motor	Number of Fan		Pieces	2	2
	Diameter		mm	450	590
	Fan Speed		rpm	830	850
	Air Flow	Total	m^3/h	5910	19280
	Total Fan Motor Power	Input	W	246	950
Others	Oil Separator	Voume	Liters	0.5	2.5
	Receiver Volume (at 32°C)		kg	6.3	17
	Pipes	Suction OD	inch	7/8”	1 3/8”
		Liquid OD	inch	1/2”	3/4”
	Dimension	W x D x H	mm	1029 x 424 x 1242	1619 x 1010 x 1124
	Weight	Net	kg	138	312
		Gross	kg	158	412

ZXL Family: Low temperature
Technical data at 60 Hz - PFV/TF5/TF7

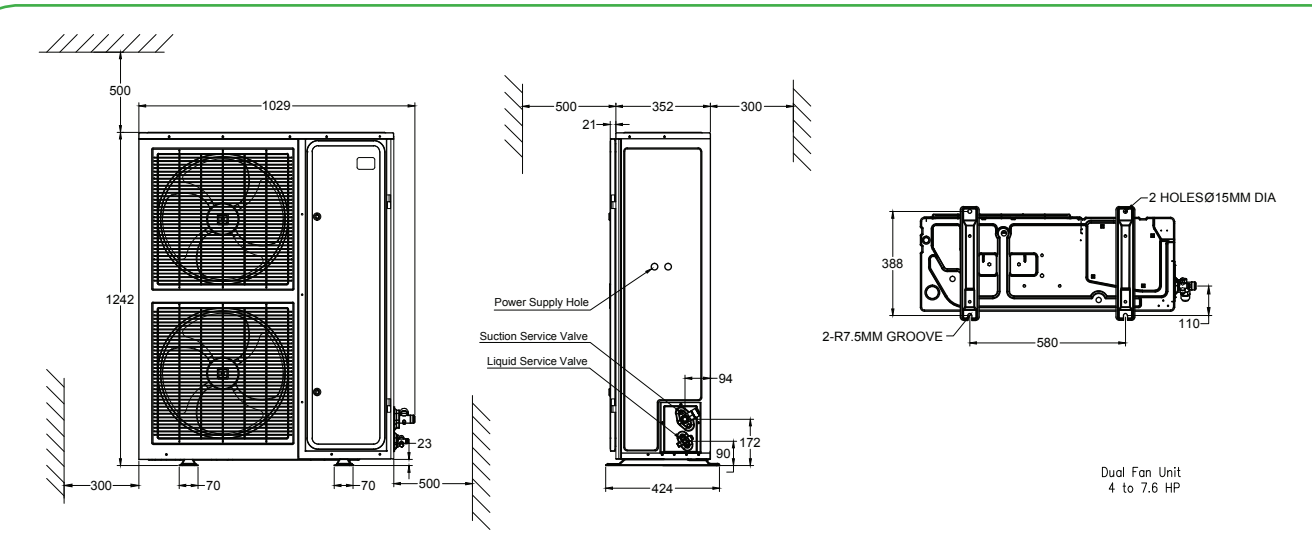
Family				ZXL							
Nominal Rating		Horsepower	HP	2	2.5	3	3.5	4	5	6	7.5
Model Name				ZXL020B0 ZXL020BE	ZXL025B0 ZXL025BE	ZXL030B0 ZXL030BE	ZXL035B0 ZXL035BE	ZXL040B0 ZXL040BE	ZXL050B0 ZXL050BE	ZXL060B0 ZXL060BE	ZXL075B0 ZXL075BE
Performance	R22	ET/AT/RGT	°C	-32/32/5°C							
		Capacity	kW	2.09	2.69	2.99	3.71	4.72	5.32	6.34	6.81
		COP	W/W	1.14	1.18	1.28	1.34	1.36	1.37	1.27	1.24
	R404A	ET/AT/RGT	°C	-32/32/5°C							
		Capacity	kW	2.41	2.83	3.54	4.19	5.18	6.26	7.52	7.98
		COP	W/W	1.12	1.15	1.32	1.33	1.33	1.44	1.29	1.32
	R407F	ET/AT/RGT	°C	-32/32/5°C							
		Capacity	kW	2.28	2.80	3.18	4.42	5.20	5.64	6.93	7.65
		COP	W/W	0.99	1.02	1.02	1.34	1.29	1.26	1.27	1.29
	Sound Pressure Level	@1m	dB(A)	56				60			
Compressor	Rated Load Ampere	R22	Amp	-/12.1/5.4	-/12.6/5.5	-/12.9/6.9	-/19.1/7.7	-/20.0/9.9	-/21.4/12.6	-/25.5/14.1	-/28.9/14.4
	PFV/TF5/TF7	R404A	Amp	16.4/12.1/5.6	-/12.6/6.2	-/12.6/6.9	26.4/19.1/8.6	30.4/20.0/9.9	34.1/21.4/12.6	-/25.5/14.1	-/28.9/14.4
		R407F	Amp	-/12.1/5.6	-/12.6/6.2	-/12.9/6.9	-/19.1/8.6	-/20.0/9.9	-/21.4/12.6	-/25.5/14.1	-/28.9/14.4
	Locked Rotor Ampere	R22	Amp	-/73.0/34.8	-/73.0/34.8	-/73.0/38.6	-/110.0/47.0	-/110.0/66.0	-/110.0/73.5	-/186.6/94.3	-/191.0/94.3
	PFV/TF5/TF7	R404A	Amp	68.0/73.0/34.8	-/73.0/34.8	-/73.0/38.6	137.0/110.0/47.0	141.0/110.0/66.0	176.0/110.0/73.5	-/186.6/94.3	-/191.0/94.3
		R407F	Amp	-/73.0/34.8	-/73.0/34.8	-/73.0/38.6	-/110.0/47.0	-/110.0/66.0	-/110.0/73.5	-/186.6/94.3	-/191.0/94.3
	Oil Type	R22		POE							
		R404A		POE							
		R407F		POE							
	Oil Recharge Volume	R22/R404A/R407F	Liters	0.56	0.56	0.56	1.24	1.24	1.24	1.77	1.77
Fan Motor	Number of Fan		Pieces	1	1	1	1	2	2	2	2
	Diameter		mm	450	450	450	450	450	450	450	450
	Fan Speed		rpm	933	933	933	933	933	933	933	933
	Air Flow	Total	m^3/h	3483	3483	3483	3483	6966	6966	6966	6966
	Total Fan Motor Power	Input	W	145	145	145	145	290	290	290	290
Others	Oil Separator	Volume	Liters	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Receiver Volume	R22	kg	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
		R404A	kg	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
		R407F	kg	4.5	4.5	4.5	4.5	6.4	6.4	6.4	6.4
	Pipes	Suction OD	Inch	3/4	3/4	3/4	7/8	7/8	7/8	7/8	7/8
		Liquid OD	Inch	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Dimension	W x D x H	mm	1029 x 424 x 840				1029 x 424 x 1242			
	Weight	Net	kg	79	81	81	93	93	106	116	121
		Gross	kg	117	119	119	131	143	150	165	170

Dimensional drawings

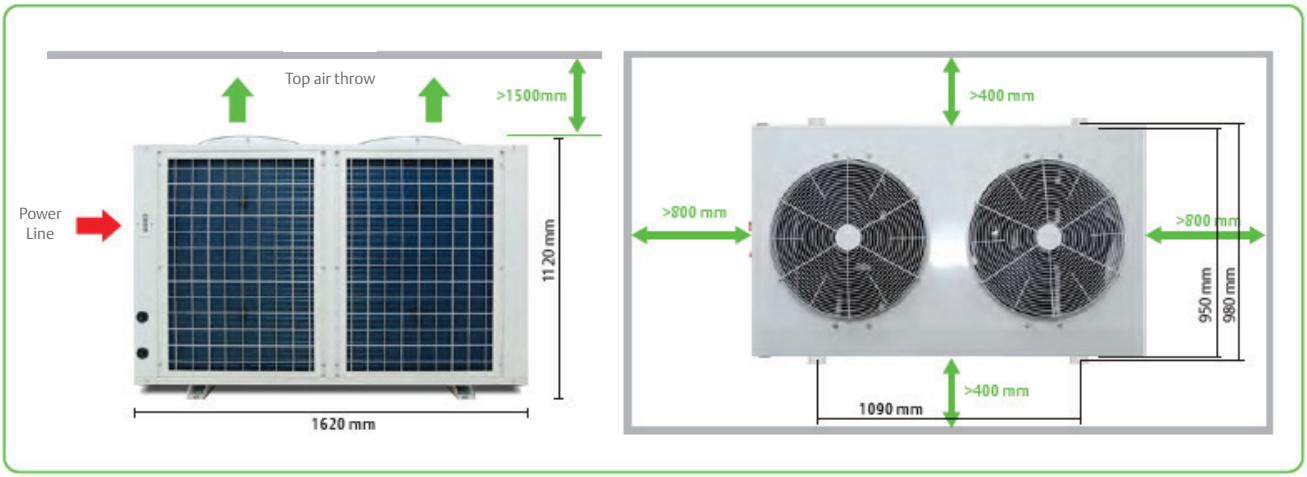
ZX-PFJ (2 HP-4 HP)
ZX-TFD (2HP-4HP), ZX-PFV/TF5/TF7 (2HP-3HP), ZXB-TFD (1.5HP-3.5HP)
ZXL-PFJ (2HP-3HP)
ZXL-TFD (2HP-4HP), ZXL-PFV (2HP, 3.5HP), ZXL-TF5/7 (2HP-3.5HP)
ZXD-TFD (3HP), ZXD-TF7(3HP)



ZX-TFD (5HP-7.6HP), ZX-PFV (4HP-5HP), ZX-TF5/7 (4HP-7.5HP), ZXB-TFD (4HP-6HP)
ZXL-TFD (5HP-7.5HP), ZXL-PFV (4HP-5HP), ZXL-TF5/7 (4HP-7.5HP),
ZXD-TFD (4HP-9HP), ZXD-TF5/7 (4HP-7.5HP), ZXLD-TFD (9HP)



ZXD-TFD (16HP), ZXLD-TFD (16HP)



Fixing dimension and distance – Top air throw unit

Packing information

Container loading, ZX Platform condensing unit					
Family	Model	Motor code	Fan type	20FT	40FT/ 40FT H
ZX/ZXB	ZXB015BE	TFD	Single Fan	40	80
	ZXB020BE / ZX020B0(E)	PFJ/TFD/PFV/TF5/TF7		40	80
	ZXB025BE /ZX025B0(E)	PFJ/TFD		40	80
	ZXB030BE /ZX030B0(E)	PFJ/TFD/PFV/TF5/TF7		40	80
	ZXB035BE	TFD		40	80
	ZX040B0(E)	PFJ		40	80
	ZXB040BE / ZX040B0(E)	TFD/PFV/TF5/TF7		20	40
	ZXB050BE / ZX050B0(E)	TFD/PFV/TF5/TF7		20	40
	ZXB060BE	TFD	Dual Fan	20	40
	ZX060B0(E)	TFD/TF5/TF7		20	40
	ZX075B0(E)	TFD/TF5/TF7		20	40
	ZX076B0(E)	TFD/TF5/TF7		20	40
ZXD	ZXD030B0(E)	TFD/TF7	Single Fan	40	80
	ZXD040B0(E)	TFD/TF5/TF7	Dual Fan	20	40
	ZXD050B0(E)	TFD/TF5/TF7		20	40
	ZXD060B0(E)	TFD/TF5/TF7		20	40
	ZXD075B0(E)	TFD/TF5/TF7		20	40
	ZXD076B0(E)	TFD/TF5/TF7		20	40
	ZXD090BE	TFD		20	40
	ZXD160BE	TFD		6	13
ZXL/ZXLD	ZXL020B0(E)	PFJ/TFD/TF5/TF7	Single Fan	40	80
	ZXL025B0(E)	PFJ/TFD/TF5/TF7		40	80
	ZXL030B0(E)	PFJ/TFD/TF5/TF7		40	80
	ZXL035B0(E)	TFD/TF5/TF7		40	80
	ZXL040B0(E)	TFD		40	80
	ZXL040B0(E)	TF5/TF7		20	40
	ZXL050B0(E)	TFD/TF5/TF7		20	40
	ZXL060B0(E)	TFD/TF5/TF7	Dual Fan	20	40
	ZXL075B0(E)	TFD/TF5/TF7		20	40
	ZXLD090BE	TFD		20	40
	ZXLD160BE	TFD		6	13

Conversion chart

Units conversion chart
KCALH x 3.9683 = BTUH
WATTS x 3.413 = BTU/H
1.80 x ^{O}C + 32 = ^{O}F
KILOGRAMS x 2.205 = POUNDS
MILLIMETERS x 0.0394 = INCHES
CUBIC CENTIMETERS x 0.06102 = CUBIC INCHES
CUBIC METERS x 35.3147 = CUBIC FEET
LITERS x 33.8181 = FLUID OUNCES
KILOWATTS x 1.341 = HORSEPOWER
BAR x 14.7 = PSI

PRESSURE TEMPERATURE CHART AT SEA LEVEL

°C	R-134a	R22	R404A HP 62	R407F Vapor	R407F Liquid	R407A Vapor	R407A Liquid	R407C Vapor	R407C Liquid	R408A	R410A	R502	R507A AZ50"	°F
-45.6	0.63	0.21	0.00	-0.26	0.03	0.30	0.03	0.37	0.09	0.07	0.34	-0.03	0.06	-50.0
-44.4	0.61	0.16	0.05	-0.22	0.08	0.26	0.03	0.33	0.04	0.02	0.41	0.02	0.12	-48.0
-43.3	0.59	0.12	0.11	-0.17	0.14	0.22	0.08	0.29	0.01	0.04	0.48	0.08	0.18	-46.0
-42.2	0.56	0.06	0.17	-0.12	0.20	0.17	0.14	0.25	0.07	0.10	0.57	0.14	0.24	-44.0
-41.1	0.53	0.01	0.23	-0.07	0.27	0.12	0.21	0.20	0.13	0.15	0.65	0.19	0.30	-42.0
-40.0	0.50	0.04	0.30	-0.02	0.34	0.07	0.27	0.16	0.19	0.21	0.74	0.26	0.37	-40.0
-38.9	0.47	0.10	0.37	0.04	0.41	0.01	0.34	0.11	0.26	0.28	0.83	0.32	0.44	-38.0
-37.8	0.44	0.15	0.43	0.10	0.48	0.04	0.41	0.06	0.32	0.34	0.92	0.39	0.52	-36.0
-36.7	0.41	0.21	0.51	0.16	0.56	0.10	0.48	0.00	0.39	0.41	1.01	0.46	0.59	-34.0
-35.6	0.37	0.28	0.59	0.22	0.64	0.16	0.56	0.06	0.46	0.48	1.12	0.53	0.68	-32.0
-34.4	0.33	0.34	0.66	0.29	0.72	0.23	0.63	0.11	0.53	0.55	1.22	0.60	0.75	-30.0
-33.3	0.29	0.41	0.74	0.36	0.80	0.29	0.72	0.17	0.61	0.63	1.33	0.68	0.84	-28.0
-32.2	0.25	0.48	0.83	0.43	0.89	0.36	0.80	0.23	0.69	0.71	1.44	0.76	0.93	-26.0
-31.1	0.21	0.55	0.92	0.51	0.98	0.43	0.89	0.30	0.77	0.79	1.56	0.84	1.02	-24.0
-30.0	0.17	0.63	1.01	0.59	1.08	0.51	0.98	0.37	0.86	0.88	1.68	0.93	1.12	-22.0
-28.9	0.13	0.70	1.10	0.67	1.18	0.59	1.08	0.45	0.94	0.97	1.81	1.01	1.21	-20.0
-27.8	0.08	0.79	1.20	0.75	1.28	0.67	1.17	0.52	1.04	1.06	1.94	1.11	1.32	-18.0
-26.7	0.03	0.87	1.30	0.84	1.39	0.75	1.28	0.60	1.14	1.15	2.07	1.20	1.42	-16.0
-25.6	0.02	0.96	1.41	0.93	1.50	0.84	1.38	0.68	1.23	1.25	2.21	1.30	1.53	-14.0
-24.4	0.08	1.05	1.52	1.03	1.61	0.93	1.49	0.77	1.34	1.35	2.35	1.40	1.64	-12.0
-23.3	0.13	1.14	1.63	1.13	1.73	1.03	1.60	0.85	1.44	1.46	2.50	1.51	1.76	-10.0
-22.2	0.19	1.23	1.74	1.23	1.85	1.12	1.72	0.94	1.55	1.57	2.66	1.61	1.88	-8.0
-21.1	0.25	1.34	1.86	1.34	1.98	1.23	1.83	1.03	1.67	1.68	2.81	1.73	2.00	-6.0
-20.0	0.32	1.44	1.99	1.45	2.11	1.33	1.96	1.13	1.79	1.79	2.98	1.84	2.13	-4.0
-18.9	0.38	1.54	2.12	1.56	2.24	1.44	2.09	1.23	1.91	1.91	3.15	1.96	2.26	-2.0
-17.8	0.45	1.66	2.25	1.68	2.38	1.55	2.22	1.34	2.03	2.03	3.32	2.08	2.40	0.0
-16.7	0.52	1.77	2.39	1.80	2.52	1.67	2.36	1.45	2.17	2.16	3.50	2.21	2.54	2.0
-15.6	0.59	1.89	2.52	1.93	2.67	1.79	2.50	1.56	2.30	2.29	3.69	2.34	2.68	4.0
-14.4	0.66	2.01	2.67	2.06	2.82	1.92	2.65	1.68	2.43	2.43	3.88	2.48	2.83	6.0
-13.3	0.74	2.14	2.82	2.20	2.98	2.05	2.80	1.80	2.58	2.57	4.08	2.61	2.99	8.0
-12.2	0.82	2.26	2.97	2.34	3.14	2.18	2.95	1.92	2.72	2.71	4.29	2.76	3.15	10.0
-11.1	0.90	2.40	3.13	2.48	3.31	2.32	3.11	2.05	2.88	2.86	4.50	2.90	3.31	12.0
-10.0	0.99	2.54	3.30	2.63	3.48	2.46	3.28	2.19	3.03	3.01	4.72	3.06	3.48	14.0
-8.9	1.08	2.68	3.46	2.79	3.66	2.61	3.45	2.32	3.19	3.17	4.94	3.21	3.66	16.0
-7.8	1.17	2.82	3.63	2.94	3.84	2.76	3.62	2.46	3.36	3.32	5.17	3.37	3.83	18.0
-6.7	1.27	2.97	3.81	3.11	4.03	2.92	3.80	2.61	3.53	3.49	5.41	3.53	4.01	20.0
-5.6	1.37	3.12	4.00	3.28	4.22	3.08	3.99	2.77	3.71	3.66	5.65	3.70	4.21	22.0
-4.4	1.47	3.28	4.19	3.45	4.42	3.25	4.18	2.92	3.89	3.84	5.90	3.88	4.40	24.0
-3.3	1.58	3.45	4.38	3.63	4.63	3.42	4.37	3.08	4.08	4.02	6.15	4.06	4.60	26.0
-2.2	1.69	3.61	4.58	3.82	4.84	3.60	4.57	3.25	4.27	4.21	6.42	4.23	4.80	28.0
-1.1	1.80	3.79	4.78	4.01	5.05	3.78	4.78	3.42	4.46	4.39	6.69	4.43	5.01	30.0
0.0	1.92	3.97	4.99	4.21	5.28	3.97	4.99	3.59	4.67	4.59	6.97	4.62	5.23	32.0
1.1	2.03	4.15	5.21	4.41	5.51	4.17	5.21	3.78	4.88	4.79	7.26	4.81	5.45	34.0
2.2	2.16	4.34	5.43	4.62	5.74	4.37	5.43	3.97	5.09	5.00	7.55	5.02	5.68	36.0
3.3	2.28	4.53	5.66	4.84	5.98	4.57	5.67	4.16	5.31	5.21	7.86	5.23	5.91	38.0
4.4	2.41	4.73	5.89	5.06	6.23	4.79	5.90	4.36	5.53	5.43	8.17	5.44	6.15	40.0
5.6	2.55	4.93	6.12	5.29	6.48	5.00	6.14	4.56	5.77	5.65	8.48	5.66	6.39	42.0
6.7	2.69	5.14	6.37	5.52	6.74	5.23	6.40	4.77	6.00	5.88	8.81	5.89	6.65	44.0
7.8	2.83	5.35	6.62	5.76	7.01	5.46	6.66	4.99	6.25	6.12	9.14	6.12	6.90	46.0
8.9	2.98	5.57	6.88	6.01	7.28	5.70	6.92	5.21	6.50	6.36	9.48	6.35	7.17	48.0

PRESSURE TEMPERATURE CHART AT SEA LEVEL

°C	R-134a	R22	R404A HP 62	R407F Vapor	R407F Liquid	R407A Vapor	R407A Liquid	R407C Vapor	R407C Liquid	R408A	R410A	R502	R507A AZ50"	°F
10.0	3.13	5.80	7.14	6.26	7.57	5.94	7.19	5.43	6.75	6.60	9.83	6.59	7.44	50.0
11.1	3.29	6.03	7.41	6.52	7.85	6.19	7.46	5.67	7.01	6.86	10.20	6.84	7.72	52.0
12.2	3.45	6.26	7.70	6.79	8.15	6.44	7.74	5.91	7.28	7.11	10.57	7.10	8.01	54.0
13.3	3.61	6.51	7.98	7.07	8.45	6.71	8.03	6.16	7.56	7.38	10.94	7.35	8.30	56.0
14.4	3.79	6.76	8.27	7.35	8.76	6.98	8.33	6.41	7.84	7.65	11.34	7.62	8.59	58.0
15.6	3.96	7.01	8.57	7.64	9.08	7.26	8.63	6.68	8.13	7.93	11.73	7.89	8.90	60.0
16.7	4.14	7.27	8.88	7.94	9.40	7.54	8.94	6.94	8.43	8.21	12.14	8.17	9.21	62.0
17.8	4.32	7.54	9.19	8.24	9.74	7.83	9.26	7.22	8.74	8.50	12.56	8.46	9.54	64.0
18.9	4.51	7.81	9.50	8.55	10.08	8.13	9.59	7.50	9.05	8.80	12.99	8.74	9.86	66.0
20.0	4.70	8.09	9.83	8.88	10.43	8.44	9.92	7.79	9.37	9.10	13.42	9.04	10.20	68.0
21.1	4.90	8.37	10.17	9.20	10.78	8.76	10.26	8.09	9.69	9.42	13.87	9.34	10.54	70.0
22.2	5.11	8.67	10.51	9.54	11.15	9.08	10.61	8.39	10.03	9.74	14.32	9.66	10.89	72.0
23.3	5.32	8.97	10.86	9.89	11.52	9.41	10.97	8.70	10.37	10.06	14.79	9.98	11.25	74.0
24.4	5.53	9.28	11.22	10.24	11.90	9.75	11.34	9.03	10.72	10.40	15.27	10.30	11.62	76.0
25.6	5.75	9.59	11.59	10.60	12.29	10.10	11.71	9.35	11.07	10.74	15.76	10.63	11.99	78.0
26.7	5.98	9.90	11.96	10.98	12.69	10.46	12.09	9.69	11.43	11.09	16.26	10.97	12.38	80.0
27.8	6.21	10.23	12.34	11.36	13.10	10.82	12.48	10.03	11.81	11.44	16.77	11.32	12.77	82.0
28.9	6.45	10.57	12.73	11.75	13.52	11.19	12.88	10.39	12.19	11.81	17.29	11.67	13.17	84.0
30.0	6.69	10.91	13.13	12.15	13.94	11.57	13.28	10.75	12.58	12.18	17.83	12.03	13.58	86.0
31.1	6.94	11.26	13.54	12.55	14.38	11.97	13.70	11.12	12.98	12.56	18.37	12.40	13.99	88.0
32.2	7.19	11.61	13.96	12.97	14.82	12.37	14.12	11.50	13.39	12.94	18.93	12.78	14.42	90.0
33.3	7.46	11.98	14.39	13.40	15.27	12.78	14.56	11.88	13.80	13.34	19.50	13.16	14.86	92.0
34.4	7.72	12.35	14.82	13.84	15.74	13.20	15.01	12.28	14.23	13.74	20.08	13.55	15.30	94.0
35.6	7.99	12.73	15.26	14.29	16.21	13.63	15.46	12.69	14.66	14.16	20.68	13.95	15.76	96.0
36.7	8.28	13.12	15.72	14.74	16.69	14.06	15.92	13.10	15.10	14.58	21.28	14.36	16.22	98.0
37.8	8.57	13.51	16.18	15.21	17.19	14.51	16.39	13.52	15.55	15.01	21.90	14.78	16.70	100.0
38.9	8.86	13.92	16.66	15.69	17.69	14.97	16.87	13.96	16.01	15.45	22.53	15.20	17.18	102.0
40.0	9.15	14.32	17.14	16.18	18.20	15.44	17.36	14.41	16.48	15.90	23.18	15.63	17.67	104.0
41.1	9.46	14.74	17.63	16.68	18.72	15.92	17.86	14.86	16.96	16.35	23.84	16.08	18.17	106.0
42.2	9.77	15.17	18.13	17.19	19.26	16.41	18.37	15.32	17.45	16.82	24.51	16.52	18.69	108.0
43.3	10.10	15.61	18.65	17.71	19.80	16.91	18.89	15.79	17.95	17.29	25.20	16.99	19.21	110.0
44.4	10.42	16.06	19.17	18.25	20.36	17.43	19.42	16.28	18.46	17.78	25.90	17.45	19.74	112.0
45.6	10.76	16.51	19.70	18.79	20.92	17.94	19.97	16.78	18.97	18.27	26.61	17.93	20.29	114.0
46.7	11.10	16.97	20.25	19.35	21.50	18.48	20.52	17.28	19.50	18.77	27.34	18.41	20.85	116.0
47.8	11.45	17.45	20.81	19.92	22.09	19.03	21.08	17.80	20.04	19.29	28.09	18.91	21.41	118.0
48.9	11.81	17.93	21.37	20.50	22.69	19.59	21.66	18.33	20.59	19.81	28.85	19.41	21.99	120.0
50.0	12.17	18.42	21.95	21.10	23.30	20.16	22.23	18.87	21.15	20.34	29.62	19.92	22.59	122.0
51.1	12.54	18.92	22.54	21.71	23.92	20.74	22.83	19.42	21.72	20.89	30.41	20.45	23.19	124.0
52.2	12.92	19.43	23.14	22.33	24.55	21.33	23.44	19.99	22.30	21.44	31.22	20.99	23.80	126.0
53.3	13.31	19.94	23.75	22.96	25.20	21.94	24.06	20.56	22.90	22.01	32.04	21.52	24.43	128.0
54.4	13.70	20.48	24.38	23.61	25.86	22.56	24.68	21.14	23.50	22.58	32.88	22.08	25.07	130.0
55.6	14.11	21.01	25.02	24.27	26.53	23.19	25.32	21.75	24.12	23.17	33.74	22.65	25.72	132.0
56.7	14.52	21.56	25.67	24.94	27.21	23.84	25.98	22.36	24.74	23.77	34.61	23.22	26.39	134.0
57.8	14.94	22.12	26.34	25.63	27.90	24.50	26.64	22.99	25.38	24.37	35.50	23.81	27.06	136.0
58.9	15.37	22.69	27.01	26.34	28.61	25.18	27.32	23.63	26.03	24.99	36.41	24.40	27.75	138.0
60.0	15.81	23.27	27.70	27.06	29.33	25.87	28.01	24.28	26.69	25.62	37.34	25.01	28.46	140.0
61.1	16.26	23.86	28.41	27.79	30.07	26.57	28.71	24.94	27.36	26.27	38.29	25.62	29.18	142.0
62.2	16.71	24.46	29.13	28.54	30.81	27.29	29.43	25.63	28.04	26.92	39.26	26.26	29.92	144.0
63.3	17.17	25.07	29.87	29.31	31.57	28.02	30.15	26.32	28.74	27.59	40.24	26.90	30.67	146.0
64.4	17.65	25.69	30.61	30.09	32.35	28.77	30.90	27.03	29.45	28.27	41.25	27.54	31.43	148.0
65.6	18.13	26.32	31.39	30.89	33.13	29.54	31.65	27.76	30.17	28.96	42.28	28.21	32.22	150.0

Notes

General information

Technical data are correct at the time of printing. Updates may occur, and should you need confirmation of a specific value, please contact Emerson clearly stating the information required.

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The suitability for this has to be assured from the plant manufacturer, which may include making appropriate tests.

Note:

The components listed in this catalogue are not released for use with caustic, poisonous or flammable substances. Emerson cannot be held responsible for any damage caused by using these substances.

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