Copeland
ZX Condensing Unit for Refrigeration Applications

Product Catalogue

COPELAND

ZX condensing unit for refrigeration applications

Copeland offers the ZX platform refrigeration condensing units specifically designed for medium temperature (ZX-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 Middle Eastern and African market and enjoys proven success with its energy savings and customer-friendly electronic features.

ZX-1.5 to 9 HP | ZX- 9 to 20HP | ZXD- 12 to 20HP | ZX-22 to 30 HP

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, Copeland'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, Copeland 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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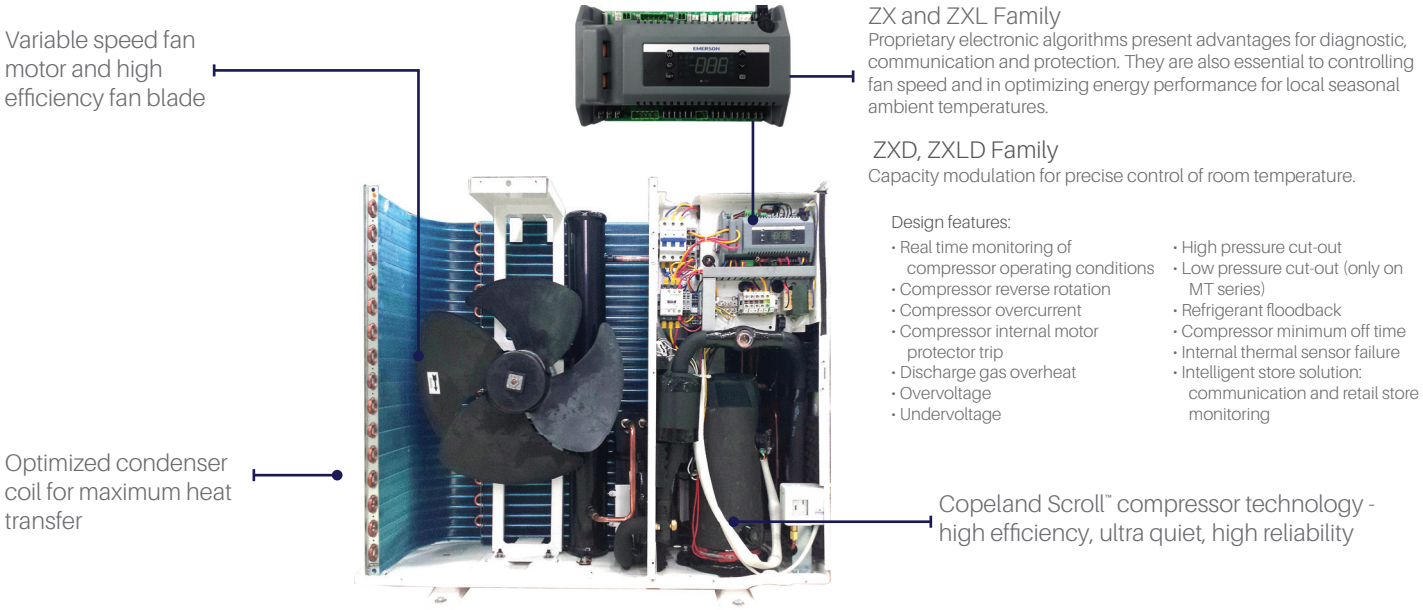


Figure 1. ZX Platform CDU features

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	300	B	E	-	TFD	-	551
Unit family	Blank = Medium temp L = Low temp D = Digital medium temp LD = Digital low temp	2 - 30 HP	Generation	E = Ester oil		PFJ = 220V/240V - 1ph - 50 Hz TFD = 380V/420V - 3ph - 50 Hz TFM = 380V/420 V- 3ph - 50Hz TEM = 380V/420V-3ph - 50Hz TWM = 380V/420V-3ph - 50Hz		Bill of material
Base model						Electrical Code		Bill of Material

Bill of material

CDU Family BOM	ZX 2 to 30 HP		ZXL 2 to 30 HP		ZXD up to 9 HP		ZXLD 9 HP		ZXD 12 to 20 HP	ZXLD 12 to 20 HP
	551	521	551	521	551	521	551	521	523	523
Liquid Line Filter Drier	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Moisture Indicator	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oil Separator	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oil Reservoir									✓	✓
Accumulator			✓	✓			✓	✓	✓	✓
Adjustable LP Control Switch	✓	✓	✓	✓						
LP Transducer					✓	✓	✓	✓	✓	✓
HP Transducer		✓*		✓*					✓	✓
Fixed LP Safety Switch	✓	✓			✓	✓			✓	
Adjustable LP Safety Switch							✓	✓		✓
HP Safety Switch	✓	✓**	✓	✓**	✓	✓	✓	✓	✓	✓
Compressor Electronics	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Digital Modulation					✓	✓	✓	✓	✓	✓
Intelligent store ready	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fan speed controller	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Circuit breaker	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Compressor Sound Jacket	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Receiver certification (UL/PED)		✓		✓		✓		✓	✓	✓
Pressure Releif Valve		✓		✓		✓		✓	✓	✓
HP/LP Pressure Gauge		✓**		✓**					✓	✓

Notes:
- For all ZX upto ZXD090BE and ZXLD090BE, UL certification is available. For larger models PED certification is available.
- ZX (9 to 30 HP) and ZXL (10 to 30 HP) only available in 521 bill of material and in TFM/TEM electrical
*ZX (9 to 30 HP) and ZXL (10 to 30 HP)
**ZX (9 to 30 HP) and ZXL (10 to 30 HP), adjustable

Compressor Electronics (previously CoreSense) for ZX platform condensing unit

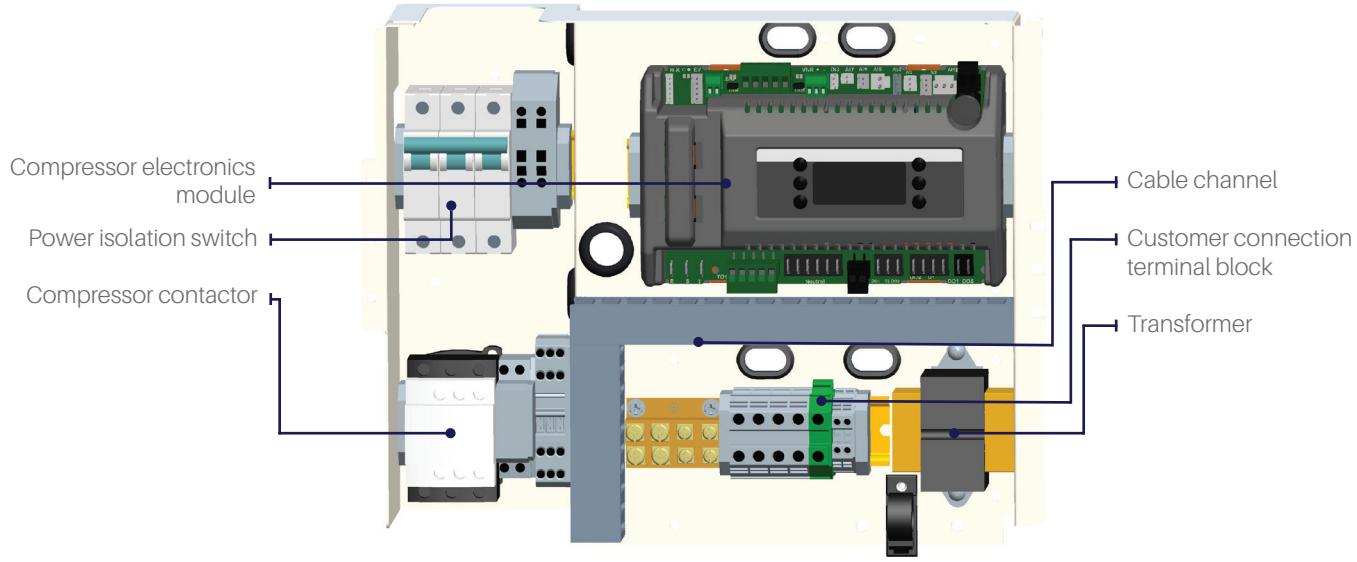
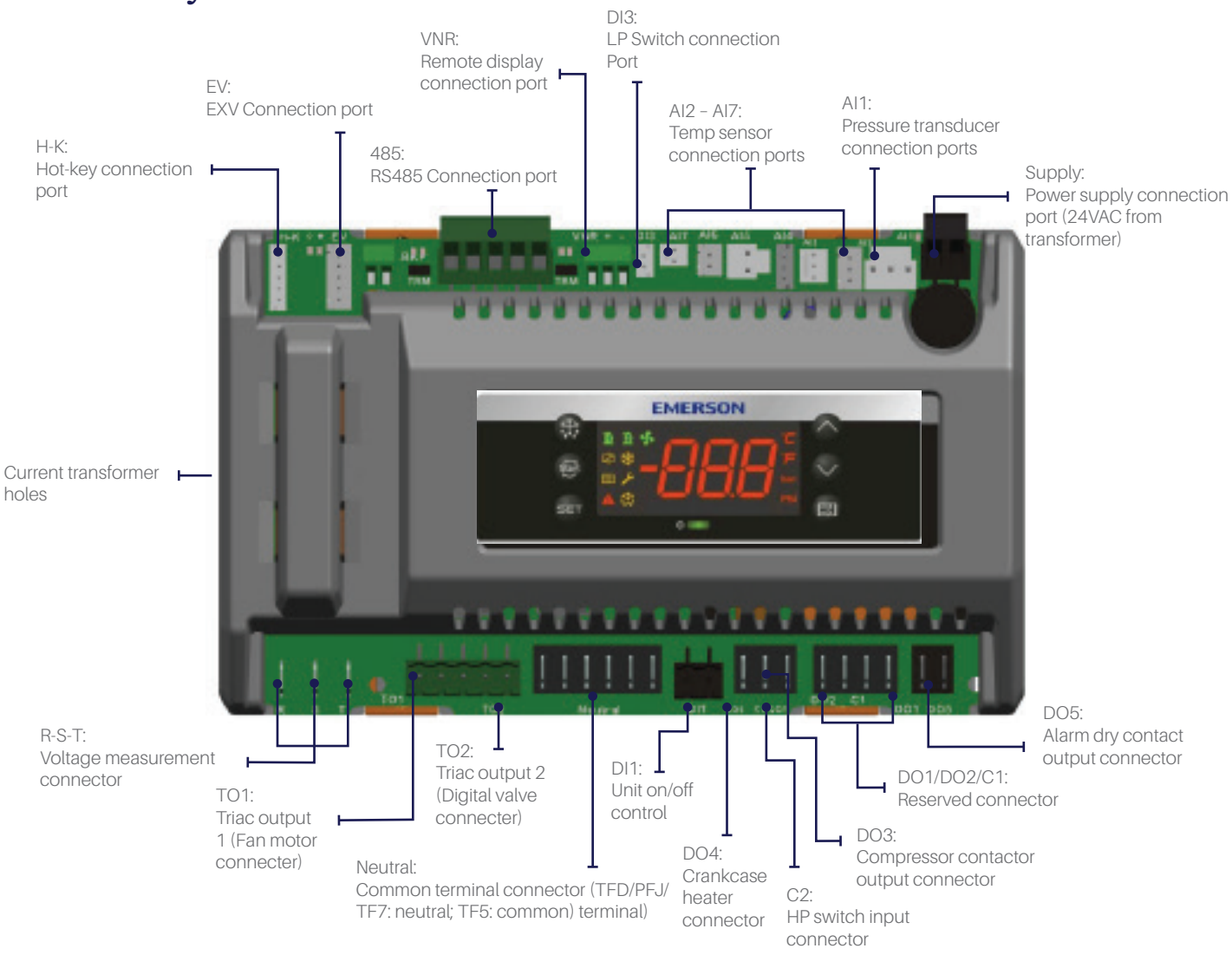


Figure 2. Layout of the intelligent store module

Module layout



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 [1]	27	2.85	3.44	4.10	4.83	5.64	6.53	1.46	1.49	1.53	1.57	1.60	1.64
	32	2.65	3.20	3.82	4.50	5.25	6.08	1.62	1.65	1.69	1.73	1.77	1.81
	38	2.41	2.91	3.46	4.09	4.77	5.52	1.83	1.87	1.91	1.95	1.99	2.03
	43	2.19	2.65	3.16	3.73	4.36	5.05	2.04	2.07	2.11	2.15	2.19	2.24
ZX025BE [2]	27	3.25	3.92	4.67	5.50	6.42	7.42	1.68	1.72	1.76	1.80	1.85	1.90
	32	3.02	3.64	4.34	5.11	5.95	6.88	1.88	1.91	1.96	2.00	2.05	2.10
	38	2.73	3.29	3.91	4.61	5.37	6.21	2.14	2.18	2.23	2.27	2.32	2.36
	43	2.47	2.98	3.54	4.17	4.87	5.63	2.40	2.44	2.48	2.52	2.57	2.61
ZX030BE [1]	27	4.05	4.86	5.76	6.75	7.83	9.00	2.20	2.27	2.33	2.41	2.48	2.56
	32	3.75	4.50	5.33	6.24	7.24	8.31	2.46	2.53	2.59	2.67	2.75	2.83
	38	3.37	4.04	4.79	5.60	6.49	7.46	2.81	2.88	2.95	3.02	3.10	3.18
	43	3.03	3.64	4.31	5.04	5.85	6.72	3.15	3.22	3.29	3.36	3.43	3.51
ZX040BE [1]	27	5.20	6.29	7.48	8.77	10.15	11.60	2.75	2.84	2.95	3.06	3.19	3.34
	32	4.79	5.81	6.92	8.11	9.39	10.75	3.01	3.11	3.21	3.33	3.46	3.60
	38	4.27	5.20	6.21	7.29	8.44	9.65	3.36	3.46	3.57	3.69	3.82	3.96
	43	3.81	4.67	5.59	6.57	7.61	8.72	3.68	3.79	3.90	4.01	4.14	4.28
ZX050BE	27	6.96	8.38	9.98	11.75	13.70	15.85	3.48	3.56	3.65	3.74	3.84	3.94
	32	6.47	7.79	9.27	10.90	12.70	14.70	3.88	3.96	4.05	4.15	4.24	4.35
	38	5.84	7.04	8.37	9.84	11.45	13.25	4.43	4.51	4.61	4.70	4.80	4.90
	43	5.29	6.37	7.58	8.91	10.40	12.00	4.95	5.04	5.13	5.22	5.32	5.41
ZX060BE	27	8.02	9.64	11.45	13.45	15.60	17.95	4.01	4.11	4.23	4.35	4.49	4.63
	32	7.45	8.94	10.60	12.45	14.45	16.65	4.47	4.58	4.70	4.82	4.96	5.10
	38	6.71	8.06	9.55	11.20	13.00	14.95	5.10	5.22	5.34	5.46	5.60	5.73
	43	6.05	7.27	8.62	10.10	11.75	13.50	5.70	5.82	5.94	6.07	6.20	6.33
ZX075BE	27	9.03	10.85	12.85	15.05	17.45	20.00	4.57	4.70	4.84	5.00	5.16	5.34
	32	8.37	10.05	11.90	13.90	16.10	18.50	5.10	5.24	5.38	5.54	5.71	5.88
	38	7.52	9.02	10.65	12.50	14.45	16.60	5.82	5.97	6.12	6.27	6.44	6.61
	43	6.77	8.13	9.62	11.25	13.05	15.00	6.52	6.66	6.81	6.96	7.13	7.29
ZX076BE	27	9.09	10.90	12.95	15.20	17.60	20.30	4.53	4.65	4.79	4.93	5.09	5.26
	32	8.43	10.10	12.00	14.05	16.30	18.75	5.05	5.18	5.32	5.47	5.63	5.79
	38	7.58	9.10	10.80	12.65	14.65	16.85	5.77	5.91	6.05	6.20	6.35	6.52
	43	6.84	8.21	9.73	11.40	13.20	15.20	6.46	6.59	6.74	6.88	7.03	7.19

Notes: [1] Available in PFJ & TFD model
[2] Available in PFJ model only
Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZX Family: Medium temperature

Capacity and power (kW) at 50 Hz - TFM

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
ZX090BE	27	12.39	14.95	17.83	21.06	24.65	28.59	6.15	6.30	6.48	6.67	6.89	7.13
	32	11.56	13.96	16.64	19.63	22.94	26.59	6.74	6.89	7.06	7.25	7.46	7.69
	38	10.49	12.70	15.14	17.84	20.83	24.12	7.57	7.72	7.88	8.06	8.25	8.46
	43	9.53	11.57	13.82	16.29	19.01	22.01	8.37	8.51	8.67	8.83	9.01	9.20
ZX100BE	27	14.32	17.33	20.70	24.45	28.55	33.00	7.10	7.33	7.59	7.86	8.13	8.41
	32	13.34	16.18	19.33	22.82	26.62	30.73	7.81	8.04	8.29	8.55	8.83	9.11
	38	12.05	14.69	17.58	20.75	24.19	27.91	8.80	9.01	9.25	9.51	9.78	10.05
	43	10.88	13.34	16.01	18.91	22.05	25.44	9.76	9.95	10.17	10.42	10.67	10.94
ZX130BE	27	17.81	21.61	25.75	30.30	35.32	40.86	8.96	9.21	9.51	9.84	10.18	10.54
	32	16.37	20.05	23.99	28.26	32.92	38.02	9.93	10.16	10.45	10.76	11.11	11.46
	38	14.32	17.92	21.65	25.61	29.87	34.49	11.28	11.49	11.75	12.05	12.37	12.72
	43		15.86	19.45	23.19	27.14	31.39		12.76	12.99	13.27	13.58	13.90
ZX150BE	27	20.59	25.09	30.01	35.40	41.28	47.66	10.78	11.11	11.48	11.88	12.31	12.78
	32	18.80	23.10	27.77	32.83	38.34	44.29	11.93	12.25	12.60	12.99	13.40	13.86
	38	16.39	20.48	24.85	29.54	34.61	40.07	13.54	13.84	14.16	14.52	14.91	15.34
	43		18.07	22.20	26.60	31.31	36.38		15.37	15.66	15.99	16.35	16.74
ZX220BE	27	27.40	32.90	39.10	45.90	53.40	61.70	15.05	15.45	15.90	16.50	17.15	18.00
	32	25.70	30.80	36.50	42.80	49.80	57.50	16.40	16.85	17.35	17.90	18.55	19.35
	38		28.10	33.30	39.00	45.40	52.40		18.70	19.25	19.85	20.50	21.20
	43			30.60	35.80	41.60	48.00			21.10	21.70	22.30	23.10
ZX250BE	27	33.50	40.10	47.30	55.40	64.10	73.50	18.95	19.55	20.30	21.10	22.00	23.20
	32	31.30	37.40	44.10	51.50	59.60	68.40	20.70	21.40	22.10	22.90	23.90	25.00
	38		34.10	40.10	46.80	54.10	62.00		23.80	24.70	25.50	26.50	27.60
	43				42.70	49.30	56.50				28.00	29.00	30.10
ZX300BE	27	41.20	49.20	58.10	67.90	78.60	90.00	22.80	23.60	24.40	25.40	26.60	28.00
	32	38.50	45.90	54.10	63.20	73.00	83.70	24.90	25.80	26.70	27.70	28.90	30.30
	38		41.90	49.20	57.30	66.20	75.80		28.70	29.70	30.80	32.00	33.40
	43				52.30	60.30	69.10				33.80	35.00	36.40

Notes: Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

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	-15	-10	-5	0	5	10
ZX020BE [1]	27	3.63	4.32	5.07	5.79	6.45	7.24	1.55	1.67	1.76	1.87	1.99	2.06
	32	3.36	3.98	4.69	5.39	6.07	6.90	1.77	1.85	1.93	2.05	2.22	2.35
	38	2.79	3.35	4.02	4.74	5.46	6.35	2.11	2.18	2.27	2.44	2.70	2.92
	43	2.21	2.74	3.40	4.14	4.91		2.40	2.48	2.61	2.84	3.20	
ZX025BE [2]	27	3.91	4.83	5.80	6.82	7.91	9.05	1.72	1.85	1.92	1.96	2.00	2.09
	32	3.63	4.45	5.35	6.35	7.44	8.63	1.97	2.05	2.10	2.15	2.23	2.38
	38	3.01	3.74	4.59	5.58	6.69	7.94	2.35	2.41	2.47	2.56	2.71	2.96
	43	2.39	3.06	3.88	4.87	6.03		2.67	2.74	2.83	2.98	3.22	
ZX030BE [1]	27	5.01	6.13	7.30	8.53	9.88	11.32	2.20	2.39	2.47	2.58	2.64	2.78
	32	4.64	5.65	6.75	7.94	9.31	10.79	2.44	2.63	2.67	2.77	2.97	3.16
	38	3.85	4.75	5.79	6.97	8.37	9.93	2.86	3.00	3.11	3.23	3.57	3.90
	43	3.06	3.88	4.89	6.09	7.53		3.11	3.28	3.43	3.49	4.03	
ZX040BE [1]	27	6.81	8.21	9.64	11.09	12.65	14.37	2.87	3.18	3.26	3.38	3.41	3.57
	32	6.31	7.57	8.91	10.33	11.91	13.70	3.18	3.49	3.53	3.64	3.84	4.06
	38	5.24	6.36	7.64	9.07	10.71	12.61	3.72	3.98	4.10	4.24	4.61	5.01
	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	3.62	3.70	3.92	4.20	4.46	4.62
	32	7.42	9.44	11.19	12.96	15.04	17.74	4.07	4.16	4.39	4.69	4.96	5.14
	38	6.32	8.44	10.22	11.95	13.91	16.41	4.61	4.71	4.95	5.26	5.54	5.73
	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	3.93	3.87	4.07	4.36	4.79	4.96
	32	8.46	10.57	12.42	14.51	17.45	20.57	4.50	4.48	4.62	5.00	5.38	5.57
	38	7.20	9.45	11.35	13.38	16.14	19.03	5.05	5.02	5.19	5.50	6.07	6.27
	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	4.44	4.31	4.43	4.64	5.08	5.26
	32	9.41	11.75	13.80	16.14	19.23	22.66	5.03	5.01	5.14	5.60	5.93	6.14
	38	8.01	10.51	12.62	14.88	17.78	20.96	5.97	5.94	6.07	6.44	7.08	7.34
	43	6.75	9.38	11.52	13.71	16.44		6.84	6.72	6.90	7.26	7.76	

Notes: [1] Available in PFJ & TFD model
[2] Available in PFJ model only
Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZX Family : Medium Temperature

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

R448A/R449A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-15	-10	-5	0	5	10	-15	-10	-5	0	5	10
ZX020BE [1]	27	3.00	3.67	4.44	5.29	6.23	7.26	1.37	1.40	1.44	1.50	1.58	1.66
	32	2.78	3.42	4.14	4.94	5.82	6.79	1.56	1.58	1.62	1.68	1.76	1.84
	38	2.50	3.09	3.75	4.49	5.30	6.19	1.85	1.85	1.88	1.94	2.01	2.10
	43	2.25	2.80	3.41	4.09	4.84	5.67	2.15	2.13	2.15	2.19	2.26	2.35
ZX025BE [2]	27	3.48	4.25	5.12	6.10	7.20	8.41	1.58	1.63	1.70	1.78	1.87	1.97
	32	3.28	4.01	4.84	5.77	6.81	7.96	1.76	1.81	1.88	1.96	2.05	2.16
	38	3.04	3.72	4.49	5.35	6.32	7.40	2.04	2.08	2.13	2.21	2.31	2.42
	43	2.82	3.46	4.18	5.00	5.91	6.92	2.32	2.34	2.39	2.46	2.55	2.66
ZX030BE [1]	27	4.41	5.36	6.44	7.63	8.95	10.40	1.96	2.04	2.12	2.22	2.33	2.46
	32	4.15	5.05	6.06	7.19	8.42	9.77	2.20	2.28	2.37	2.47	2.58	2.71
	38	3.83	4.66	5.59	6.62	7.76	9.01	2.53	2.62	2.72	2.82	2.93	3.06
	43		4.31	5.17	6.13	7.18	8.34		2.94	3.04	3.15	3.27	3.40
ZX040BE [1]	27	5.71	6.89	8.21	9.69	11.30	13.10	2.55	2.67	2.81	2.97	3.15	3.35
	32	5.40	6.51	7.76	9.15	10.70	12.35	2.88	3.00	3.15	3.31	3.49	3.70
	38	5.01	6.04	7.19	8.47	9.89	11.45	3.34	3.47	3.62	3.79	3.98	4.19
	43		5.63	6.70	7.90	9.21			3.93	4.08	4.25	4.44	
ZX050BE	27	7.71	9.35	11.15	13.20	15.50	18.05	3.27	3.38	3.50	3.66	3.84	4.07
	32	7.20	8.77	10.50	12.45	14.60	17.05	3.67	3.78	3.91	4.06	4.25	4.49
	38	6.58	8.06	9.68	11.50	13.55	15.80	4.20	4.32	4.45	4.61	4.81	5.05
	43	6.06	7.47	9.01	10.70	12.65	14.80	4.70	4.82	4.96	5.12	5.32	5.57
ZX060BE	27	8.88	10.75	12.80	15.10	17.65	20.50	3.79	3.93	4.09	4.29	4.53	4.83
	32	8.28	10.05	12.00	14.20	16.65	19.35	4.25	4.39	4.56	4.77	5.02	5.32
	38	7.55	9.24	11.10	13.10	15.40	17.90	4.87	5.02	5.20	5.41	5.67	5.98
	43		8.56	10.30	12.20	14.35			5.60	5.79	6.00	6.26	
ZX075BE	27	10.20	12.35	14.70	17.35	20.30	23.60	4.35	4.52	4.71	4.93	5.21	5.56
	32	9.52	11.55	13.85	16.35	19.15	22.30	4.89	5.06	5.25	5.49	5.77	6.13
	38	8.68	10.60	12.75	15.10	17.70	20.60	5.61	5.79	5.99	6.23	6.53	6.89
	43		9.84	11.85	14.05	16.50			6.46	6.67	6.92	7.22	
ZX076BE	27	10.25	12.45	14.85	17.50	20.50	23.90	4.31	4.46	4.64	4.86	5.13	5.46
	32	9.58	11.65	13.95	16.45	19.30	22.50	4.84	5.00	5.18	5.41	5.68	6.02
	38	8.74	10.70	12.85	15.20	17.85	20.80	5.55	5.72	5.91	6.15	6.43	6.78
	43		9.92	11.95	14.15	16.65	19.45		6.39	6.59	6.83	7.12	7.47

Notes: [1] Available in PFJ & TFD model
[2] Available in PFJ model only
Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZXD Family : 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	-10	-5	0	5	-20	-15	-10	-5	0	5
ZXD030BE	27	3.95	4.72	5.61	6.60	7.69	8.83	1.90	1.99	2.09	2.19	2.29	2.38
	32	3.67	4.42	5.26	6.19	7.18	8.21	2.07	2.18	2.29	2.40	2.51	2.61
	38	3.34	4.05	4.82	5.65	6.51	7.40	2.31	2.44	2.57	2.69	2.80	2.90
	43	3.03	3.70	4.40	5.14	5.88	6.65	2.53	2.68	2.82	2.95	3.06	3.17
ZXD040BE	27	5.64	6.78	8.08	9.53	11.15	12.95	2.68	2.80	2.89	2.99	3.09	3.23
	32	5.27	6.33	7.53	8.88	10.40	12.05	2.91	3.05	3.16	3.27	3.38	3.51
	38	4.80	5.76	6.8 4	8.04	9.39	10.90	3.24	3.41	3.55	3.67	3.79	3.92
	43	4.39	5.25	6.22	7.31	8.53	9.89	3.60	3.80	3.95	4.09	4.22	4.35
ZXD050BE	27	6.87	8.25	9.80	11.55	13.40	15.50	3.27	3.47	3.66	3.86	4.06	4.25
	32	6.43	7.72	9.16	10.75	12.50	14.40	3.53	3.74	3.95	4.16	4.38	4.58
	38	5.89	7.05	8.35	9.78	11.35	13.05	3.87	4.10	4.33	4.56	4.78	5.01
	43	5.43	6.47	7.63	8.92	10.35	11.85	4.20	4.44	4.68	4.92	5.16	5.39
ZXD060BE	27	8.04	9.63	11.40	13.35	15.50	17.75	3.93	4.18	4.44	4.70	4.96	5.22
	32	7.52	8.99	10.65	12.45	14.40	16.50	4.24	4.51	4.78	5.06	5.34	5.62
	38	6.87	8.19	9.66	11.25	13.00	14.90	4.66	4.95	5.24	5.54	5.84	6.13
	43	6.32	7.50	8.80	10.25	11.80	13.45	5.07	5.37	5.67	5.98	6.29	6.60
ZXD075BE	27	8.98	10.75	12.70	14.85	17.20	19.70	4.33	4.62	4.91	5.21	5.51	5.81
	32	8.39	10.00	11.85	13.80	15.95	18.25	4.68	4.98	5.29	5.61	5.93	6.25
	38	7.66	9.12	10.75	12.50	14.40	16.45	5.15	5.47	5.80	6.14	6.48	6.81
	43	7.04	8.34	9.77	11.35	13.00	14.85	5.59	5.93	6.28	6.63	6.98	7.33
ZXD076BE	27	9.02	10.80	12.80	14.95	17.35	19.90	4.31	4.59	4.87	5.16	5.45	5.74
	32	8.43	10.10	11.90	13.95	16.10	18.45	4.65	4.95	5.25	5.56	5.87	6.18
	38	7.71	9.19	10.85	12.60	14.55	16.65	5.11	5.43	5.75	6.08	6.41	6.74
	43	7.09	8.41	9.87	11.45	13.20	15.05	5.56	5.89	6.23	6.57	6.91	7.26
ZXD090BE	27	10.70	12.60	14.70	17.05	19.60		5.52	5.85	6.20	6.57	6.95	
	32	10.45	12.30	14.35	16.65	19.10		6.07	6.44	6.82	7.22	7.64	
	38	10.10	11.90	13.85	16.05	18.40		6.84	7.26	7.69	8.14	8.60	
	43	9.82	11.50	13.40	15.50	17.75		7.61	8.08	8.56	9.05	9.56	

Notes: Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZXD Family : Medium Temperature

Capacity and power (kW) at 50 Hz - TFM

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
ZXD120BE	27	16.25	19.50	23.20	27.20	31.70		8.06	8.40	8.75	9.11	9.48	
	32	15.15	18.15	21.60	25.30	29.40		8.82	9.19	9.56	9.94	10.30	
	38	13.75	16.50	19.55	22.90	26.60		9.86	10.25	10.65	11.05	11.45	
	43	12.55	15.00	17.75	20.80	24.10		10.85	11.25	11.65	12.05	12.50	
ZXD160BE	27	21.50	24.90	28.50	32.20	36.10		10.10	10.70	11.30	11.90	12.50	
	32	20.70	24.20	27.80	31.70	35.70		11.10	11.75	12.40	13.05	13.70	
	38	19.80	23.20	26.80	30.70	34.70		12.30	13.05	13.80	14.55	15.35	
	43	18.65	21.90	25.30	29.00	33.00		13.55	14.35	15.25	16.10	17.00	
ZXD200BE	27	26.60	31.40	36.60	42.40			11.60	12.30	13.05	13.80		
	32	26.00	30.60	35.70	41.40			12.70	13.45	14.25	15.10		
	38	25.20	29.60	34.50	39.90			14.25	15.10	16.00	16.95		
	43	24.50	28.70	33.40	38.60			15.75	16.75	17.75	18.75		

Notes: Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZXD Family : 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			
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
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
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
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		
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

Notes: Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZXD Family : Medium Temperature

Capacity and power (kW) at 50 Hz - TFD

R448A/R449A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-15	-10	-5	0	5	10	-15	-10	-5	0	5	10
ZXD030BE	27	4.53	5.42	6.41	7.53	8.81		1.87	1.98	2.07	2.18	2.31	
	32	4.30	5.15	6.07	7.12	8.32		2.03	2.15	2.26	2.38	2.52	
	38	3.99	4.77	5.63	6.59	7.69		2.24	2.39	2.51	2.64	2.79	
	43	3.68	4.41	5.21	6.11	7.14		2.43	2.59	2.73	2.88	3.04	
ZXD040BE	27	6.19	7.53	9.06	10.75	12.70	14.80	2.38	2.48	2.58	2.70	2.86	3.06
	32	5.84	7.12	8.57	10.20	12.00	14.00	2.64	2.76	2.88	3.01	3.16	3.36
	38	5.39	6.60	7.95	9.46	11.15	13.00	2.98	3.15	3.31	3.45	3.62	3.81
	43	4.99	6.12	7.39	8.80	10.40	12.10	3.29	3.51	3.71	3.89	4.07	4.27
ZXD050BE	27	7.56	9.15	10.95	12.95	15.20	17.70	3.14	3.36	3.58	3.82	4.08	4.36
	32	7.15	8.65	10.35	12.25	14.40	16.75	3.43	3.66	3.90	4.15	4.42	4.70
	38	6.62	8.02	9.61	11.40	13.35	15.55	3.81	4.05	4.31	4.57	4.85	5.15
	43	6.16	7.48	8.96	10.65	12.50	14.55	4.16	4.42	4.68	4.96	5.25	5.56
ZXD060BE	27	8.85	10.65	12.75	15.00	17.55	20.30	3.80	4.08	4.38	4.70	5.04	5.41
	32	8.35	10.10	12.00	14.20	16.60	19.20	4.15	4.45	4.76	5.10	5.45	5.83
	38	7.72	9.33	11.15	13.15	15.35	17.80	4.62	4.94	5.27	5.62	5.99	6.39
	43		8.67	10.35	12.25	14.30			5.38	5.73	6.09	6.48	
ZXD075BE	27	9.99	12.05	14.40	17.00	19.90	23.10	4.11	4.38	4.68	5.00	5.36	5.78
	32	9.43	11.40	13.60	16.05	18.80	21.80	4.51	4.81	5.12	5.45	5.82	6.22
	38	8.72	10.55	12.60	14.90	17.45	20.20	5.03	5.38	5.73	6.07	6.45	6.85
	43		9.81	11.75	13.85	16.25			5.90	6.28	6.65	7.04	
ZXD076BE	27	10.05	12.15	14.50	17.15	20.10	23.30	4.08	4.34	4.63	4.94	5.30	5.71
	32	9.48	11.45	13.70	16.20	18.95	22.00	4.48	4.77	5.07	5.39	5.74	6.14
	38	8.77	10.60	12.70	15.00	17.60	20.40	5.00	5.34	5.67	6.00	6.36	6.76
	43		9.88	11.85	14.00	16.40	19.10		5.85	6.22	6.58	6.95	7.35

Notes: Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZXD Family : Medium Temperature

Capacity and power (kW) at 50 Hz - TFM

R448A/R449A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-20	-15	-10	-5	0	5	-20	-15	-10	-5	0	5
ZXD120BE	27	14.50	17.95	21.90	26.20	31.20		7.34	7.56	7.80	8.08	8.41	
	32	13.55	16.90	20.60	24.70	29.40		8.25	8.48	8.73	9.01	9.35	
	38	12.30	15.50	18.95	22.80	27.10		9.45	9.70	9.96	10.25	10.60	
	43	11.15	14.20	17.50	21.10	25.10		10.55	10.80	11.10	11.40	11.70	
ZXD160BE	27	18.50	22.10	26.00	30.40	35.20		8.41	9.05	9.70	10.35	10.90	
	32	18.10	21.50	25.30	29.60	34.20		9.28	9.97	10.65	11.30	11.90	
	38	17.45	20.70	24.40	28.50	33.00		10.50	11.25	12.00	12.70	13.35	
	43	16.90	20.00	23.60	27.50	31.80		11.65	12.50	13.30	14.05	14.75	
ZXD200BE	27	23.80	27.90	32.20	36.60			10.85	11.75	12.65	13.60		
	32	23.00	27.00	31.10	35.30			12.00	13.00	14.00	15.05		
	38	22.10	25.80	29.60	33.50			13.55	14.70	15.85	17.00		
	43	21.20	24.70	28.30	32.00			14.95	16.25	17.55	18.85		

Notes: Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZXL Family : Low Temperature

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

R404A

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 [1]	27	1.42	1.95	2.49	3.05	3.67	4.35	1.40	1.49	1.58	1.66	1.73	1.80
	32	1.38	1.87	2.38	2.91	3.50	4.15	1.53	1.64	1.74	1.83	1.91	1.99
	38	1.28	1.74	2.22	2.72	3.27	3.89	1.73	1.86	1.97	2.08	2.17	2.26
	43	1.19	1.62	2.07	2.55	3.08	3.66	1.94	2.08	2.20	2.32	2.43	2.53
ZXL025BE [1]	27	1.82	2.26	2.80	3.44	4.18	5.01	1.55	1.65	1.74	1.83	1.91	1.98
	32	1.79	2.21	2.72	3.33	4.03	4.81	1.78	1.88	1.97	2.06	2.14	2.22
	38	1.83	2.20	2.67	3.22	3.86	4.57	2.05	2.16	2.26	2.36	2.45	2.53
	43	1.82	2.15	2.57	3.07	3.64	4.28	2.30	2.42	2.54	2.65	2.75	2.85
ZXL030BE [1]	27	2.43	2.68	3.19	3.90	4.78	5.76	1.63	1.74	1.86	1.97	2.09	2.22
	32	2.34	2.58	3.06	3.73	4.55	5.46	1.90	2.03	2.13	2.23	2.33	2.44
	38	2.34	2.55	2.98	3.59	4.32	5.12	2.16	2.31	2.44	2.55	2.66	2.79
	43	2.31	2.51	2.89	3.42	4.06	4.75	2.48	2.67	2.83	2.98	3.13	3.29
ZXL035BE	27	2.63	3.33	4.09	4.94	5.89	6.97	2.19	2.28	2.38	2.50	2.62	2.74
	32	2.52	3.19	3.92	4.73	5.64	6.66	2.46	2.54	2.65	2.77	2.89	3.03
	38	2.39	3.01	3.69	4.44	5.29	6.26	2.82	2.91	3.02	3.14	3.28	3.43
	43	2.29	2.87	3.50	4.21	5.01	5.92	3.18	3.28	3.40	3.54	3.69	3.86
ZXL040BE	27	3.30	4.10	5.04	6.11	7.31	8.63	2.58	2.73	2.91	3.10	3.31	3.53
	32	3.19	3.96	4.85	5.87	7.01	8.24	2.86	3.01	3.19	3.40	3.63	3.88
	38	3.06	3.79	4.63	5.57	6.61	7.73	3.24	3.40	3.60	3.84	4.10	4.38
	43	2.98	3.66	4.44	5.31	6.26	7.28	3.64	3.82	4.04	4.30	4.60	4.92
ZXL050BE	27	4.58	5.06	5.82	6.87	8.19	9.75	2.69	2.97	3.21	3.43	3.62	3.79
	32	4.20	4.81	5.66	6.73	8.02	9.47	3.14	3.37	3.58	3.77	3.95	4.14
	38	3.73	4.46	5.37	6.43	7.63	8.93	3.81	4.01	4.20	4.39	4.58	4.78
	43	3.39	4.18	5.10	6.11	7.21	8.36	4.36	4.56	4.75	4.94	5.15	5.37
ZXL060BE	27	4.79	6.08	7.47	8.97	10.55	12.25	3.63	3.83	4.07	4.34	4.63	4.94
	32	4.52	5.75	7.12	8.60	10.20	11.90	4.00	4.22	4.48	4.77	5.08	5.41
	38	4.40	5.52	6.78	8.18	9.71	11.35	4.43	4.68	4.98	5.30	5.65	6.03
	43	4.22	5.19	6.32	7.60	9.01	10.55	4.87	5.16	5.49	5.85	6.25	6.68
ZXL075BE	27	5.22	6.51	7.95	9.55	11.30	13.25	4.09	4.44	4.77	5.10	5.43	5.77
	32	5.04	6.26	7.61	9.10	10.75	12.50	4.52	4.88	5.22	5.57	5.93	6.31
	38	4.65	5.88	7.08	8.41	9.86	11.45	5.22	5.52	5.87	6.24	6.63	7.04
	43	4.36	5.29	6.54	7.71	8.99	10.40	5.88	6.22	6.52	6.90	7.30	7.74

Notes: [1] Available in PFJ & TFD model
Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZXL Family : Low Temperature

Capacity and power (kW) at 50 Hz - TFM

R404A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-40	-35	-30	-25	-20	-15	-40	-35	-30	-25	-20	-15
ZXL100BE	27	9.06	10.71	12.84	15.37	18.26	21.40	6.02	6.47	6.91	7.34	7.80	8.26
	32	8.84	10.46	12.53	15.00	17.79	20.84	6.53	7.01	7.49	7.96	8.44	8.95
	38	8.52	10.10	12.12	14.52	17.20	20.13	7.21	7.73	8.25	8.78	9.31	9.87
	43	8.20	9.77	11.74	14.07	16.69	19.51	7.85	8.41	8.96	9.52	10.11	10.70
ZXL130BE	27	10.99	12.97	15.54	18.59	22.05	25.80	7.27	7.84	8.41	8.98	9.58	10.21
	32	10.71	12.66	15.16	18.13	21.47	25.10	7.90	8.52	9.14	9.76	10.40	11.08
	38	10.30	12.21	14.64	17.52	20.74	24.21	8.75	9.42	10.09	10.79	11.49	12.23
	43	9.91	11.79	14.17	16.97	20.09	23.44	9.55	10.27	10.99	11.73	12.49	13.29
ZXL150BE	27	12.51	14.78	17.71	21.21	25.16		8.35	8.99	9.62	10.25	10.90	
	32	12.20	14.42	17.28	20.69	24.53		9.06	9.75	10.44	11.13	11.84	
	38	11.75	13.93	16.71	20.00	23.71		10.04	10.80	11.54	12.29	13.08	
	43	11.31	13.47	16.19	19.40	22.98		10.95	11.76	12.57	13.38	14.21	
ZXL200BE	27	14.60	17.24	20.65	24.69	29.28		10.08	10.90	11.71	12.53	13.38	
	32	14.23	16.81	20.14	24.07	28.50		10.98	11.86	12.74	13.63	14.55	
	38	13.68	16.22	19.46	23.27	27.53		12.19	13.15	14.12	15.10	16.11	
	43	13.15	15.65	18.81	22.53	26.67		13.33	14.36	15.40	16.45	17.55	
ZXL250BE	27	18.25	21.80	26.30	31.60	37.80	44.90	13.60	14.40	15.20	16.15	17.20	18.40
	32	17.75	21.40	25.80	30.90	36.70	43.40	14.90	15.75	16.70	17.70	18.75	19.95
	38	16.80	20.70	25.00	29.90	35.30	41.40	16.70	17.70	18.75	19.80	20.90	22.20
	43		19.70	24.10	28.80	34.00	39.70		19.55	20.70	21.90	23.10	24.30
ZXL300BE	27	23.00	27.50	33.00	39.70	47.50	56.40	16.50	17.45	18.50	19.65	21.00	22.40
	32	22.30	27.00	32.50	38.80	46.10	54.40	18.05	19.15	20.30	21.50	22.90	24.40
	38	21.10	26.00	31.40	37.50	44.40	51.90	20.20	21.50	22.80	24.20	25.60	27.10
	43			30.20	36.20	42.70	49.70			25.20	26.70	28.20	29.80

Notes: Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZXL Family : Low Temperature

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

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 [1]	27	1.32	1.68	2.15	2.72	3.37	4.10	1.69	1.76	1.82	1.86	1.90	1.94
	32	1.25	1.59	2.04	2.59	3.22	3.91	1.74	1.83	1.90	1.96	2.01	2.06
	38	1.14	1.47	1.91	2.43	3.04	3.71	1.80	1.93	2.03	2.12	2.20	2.27
	43	1.06	1.38	1.81	2.33	2.92	3.57	2.02	2.19	2.34	2.46	2.57	2.68
ZXL025BE [1]	27	1.58	2.05	2.64	3.38	4.18	5.11	2.06	2.15	2.18	2.23	2.24	2.28
	32	1.49	1.94	2.51	3.22	3.99	4.88	2.07	2.18	2.27	2.33	2.34	2.42
	38	1.36	1.80	2.35	3.03	3.77	4.62	2.08	2.17	2.34	2.48	2.56	2.71
	43	1.26	1.69	2.23	2.90	3.62	4.46	2.49	2.46	2.63	2.86	3.02	3.27
ZXL030BE [1]	27	1.85	2.36	2.99	3.72	4.56	5.57	2.23	2.43	2.49	2.52	2.57	2.53
	32	1.75	2.24	2.84	3.54	4.35	5.32	2.24	2.46	2.59	2.64	2.69	2.69
	38	1.60	2.07	2.65	3.33	4.11	5.04	2.26	2.45	2.67	2.81	2.94	3.01
	43	1.48	1.94	2.52	3.19	3.95	4.86	2.70	2.78	3.00	3.24	3.46	3.64
ZXL035BE	27	2.57	3.21	4.02	4.84	5.75	6.78	2.31	2.30	2.42	2.58	2.82	3.05
	32	2.52	3.16	3.92	4.69	5.54	6.51	2.65	2.63	2.74	2.90	3.15	3.39
	38	2.37	3.01	3.69	4.42	5.18	6.08	3.07	3.09	3.19	3.37	3.63	3.90
	43	2.28	2.87	3.51	4.17	4.89	5.73	3.54	3.56	3.68	3.87	4.17	4.48
ZXL040BE	27	3.06	3.87	4.80	5.83	7.00	8.30	2.74	2.85	3.03	3.26	3.54	3.85
	32	2.93	3.72	4.60	5.59	6.70	7.94	3.08	3.19	3.38	3.63	3.93	4.26
	38	2.73	3.47	4.30	5.23	6.26	7.42	3.53	3.68	3.90	4.19	4.52	4.90
	43	2.56	3.26	4.04	4.90	5.86	6.94	3.98	4.17	4.44	4.77	5.16	5.58
ZXL050BE	27	3.50	4.25	5.33	6.70	8.28	9.99	2.95	3.13	3.28	3.45	3.63	3.94
	32	3.23	3.97	5.04	6.36	7.87	9.51	3.39	3.56	3.72	3.87	4.05	4.36
	38	2.90	3.62	4.67	5.96	7.40	8.94	4.23	4.35	4.47	4.61	4.79	5.06
	43	2.69	3.38	4.42	5.68	7.08	8.55	4.99	4.98	5.09	5.22	5.51	5.85
ZXL060BE	27	4.14	5.11	6.38	7.89	9.61	11.43	3.65	3.81	3.95	4.15	4.39	4.71
	32	3.94	4.90	6.17	7.68	9.38	11.22	4.20	4.36	4.52	4.72	4.98	5.31
	38	3.60	4.52	5.74	7.22	8.88	10.69	4.97	5.13	5.29	5.49	5.75	6.09
	43	3.33	4.18	5.34	6.75	8.36	10.11	5.67	5.81	5.95	6.14	6.40	6.74
ZXL075BE	27	4.60	5.69	7.08	8.73	10.61	12.66	3.97	4.17	4.37	4.61	4.91	5.30
	32	4.36	5.44	6.80	8.41	10.22	12.21	4.53	4.73	4.93	5.17	5.48	5.88
	38	3.98	5.05	6.38	7.94	9.70	11.60	5.38	5.57	5.77	6.00	6.30	6.70
	43	3.68	4.75	6.06	7.59	9.30	11.14	6.15	6.32	6.50	6.72	7.01	7.40

Notes: [1] Available in PFJ & TFD model
Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZXL Family : Low Temperature

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

R448A/R449A

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 [1]	27	1.12	1.52	2.00	2.54	3.17	3.87	1.14	1.24	1.33	1.40	1.48	1.54
	32	1.07	1.46	1.92	2.45	3.05	3.72	1.27	1.38	1.48	1.57	1.64	1.71
	38	0.99	1.36	1.80	2.30	2.87	3.50	1.45	1.58	1.70	1.80	1.89	1.96
	43	0.92	1.28	1.68	2.16	2.69	3.29	1.64	1.79	1.92	2.03	2.13	2.21
ZXL025BE [1]	27	1.32	1.78	2.34	2.99	3.73	4.56	1.30	1.44	1.54	1.62	1.70	1.76
	32	1.26	1.71	2.25	2.88	3.59	4.38	1.46	1.60	1.72	1.82	1.90	1.96
	38	1.17	1.60	2.12	2.71	3.38	4.13	1.68	1.84	1.98	2.10	2.19	2.26
	43	1.08	1.50	1.98	2.55	3.18	3.89	1.88	2.08	2.23	2.36	2.46	2.54
ZXL030BE [1]	27	1.66	2.14	2.69	3.33	4.08	4.95	1.44	1.54	1.64	1.72	1.80	1.87
	32	1.60	2.06	2.59	3.21	3.93	4.76	1.62	1.74	1.85	1.94	2.02	2.10
	38	1.50	1.94	2.45	3.04	3.72	4.51	1.88	2.02	2.15	2.25	2.34	2.42
	43	1.42	1.84	2.32	2.88	3.52	4.27	2.13	2.29	2.43	2.55	2.65	2.73
ZXL035BE	27	2.05	2.64	3.33	4.12	5.05	6.12	1.74	1.89	2.01	2.12	2.22	2.31
	32	1.97	2.54	3.20	3.97	4.86	5.88	1.98	2.14	2.28	2.40	2.50	2.59
	38	1.86	2.41	3.03	3.76	4.60	5.56	2.31	2.50	2.65	2.78	2.90	2.99
	43	1.75	2.27	2.87	3.56	4.35	5.26	2.63	2.84	3.02	3.16	3.28	3.38
ZXL040BE	27	2.58	3.31	4.19	5.19	6.34	7.62	2.05	2.26	2.46	2.64	2.82	2.99
	32	2.49	3.20	4.02	4.98	6.06	7.26	2.29	2.53	2.75	2.95	3.14	3.33
	38	2.37	3.04	3.81	4.69	5.68	6.79	2.63	2.91	3.16	3.38	3.59	3.79
	43	2.28	2.90	3.61	4.43	5.34	6.36	2.96	3.27	3.55	3.80	4.03	4.24
ZXL050BE	27	2.94	3.79	4.80	5.98	7.34	8.87	2.34	2.55	2.75	2.92	3.09	3.25
	32	2.84	3.66	4.63	5.75	7.04	8.49	2.60	2.84	3.05	3.25	3.42	3.59
	38	2.72	3.49	4.40	5.44	6.64	7.98	2.97	3.24	3.48	3.70	3.89	4.07
	43	2.61	3.34	4.19	5.16	6.27	7.52	3.32	3.63	3.90	4.13	4.34	4.53
ZXL060BE	27	3.74	4.80	6.03	7.45	9.08	10.95	2.90	3.20	3.49	3.76	4.03	4.29
	32	3.62	4.63	5.81	7.15	8.70	10.45	3.22	3.55	3.86	4.15	4.43	4.70
	38	3.43	4.36	5.44	6.68	8.10	9.71	3.69	4.05	4.38	4.69	4.99	5.27
	43	3.23	4.08	5.06	6.19	7.49	8.97	4.16	4.54	4.89	5.22	5.52	5.81
ZXL075BE	27	4.09	5.24	6.58	8.11	9.86	11.85	3.18	3.55	3.89	4.21	4.51	4.81
	32	3.95	5.05	6.31	7.75	9.40	11.25	3.56	3.95	4.31	4.64	4.96	5.28
	38	3.73	4.74	5.88	7.20	8.69	10.40	4.17	4.58	4.95	5.31	5.64	5.97
	43	3.51	4.40	5.44	6.62	7.98	9.51	4.83	5.25	5.63	5.99	6.34	6.67

Notes: [1] Available in PFJ & TFD model
Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZXLD Family : Low Temperature

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

R404A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-40	-35	-30	-25	-20	-15	-40	-35	-30	-25	-20	-15
ZXLD090BE	27	5.43	6.78	8.30	9.98	11.80	13.80	4.35	4.68	5.01	5.35	5.70	6.05
	32	5.34	6.63	8.08	9.69	11.45	13.35	4.64	5.04	5.43	5.81	6.20	6.59
	38	5.29	6.47	7.83	9.34	11.00	12.80	5.00	5.49	5.96	6.43	6.88	7.32
	43	5.29	6.38	7.65	9.07	10.65	12.35	5.31	5.89	6.44	6.98	7.50	8.00
ZXLD120BE	27	9.63	12.20	15.00	18.00	21.20	24.50	7.46	7.86	8.34	8.86	9.43	10.05
	32	9.05	11.50	14.25	17.20	20.40	23.80	8.20	8.64	9.15	9.71	10.30	10.95
	38	8.81	11.05	13.60	16.40	19.45	22.70	9.07	9.56	10.15	10.75	11.45	12.20
	43	8.46	10.40	12.70	15.25	18.10	21.20	9.94	10.50	11.15	11.85	12.65	13.45
ZXLD160BE	27	12.85	15.70	18.90	22.50	26.30	30.40	8.56	9.40	10.30	11.20	12.15	13.10
	32	12.65	15.40	18.45	21.80	25.50	29.40	9.22	10.25	11.25	12.30	13.35	14.45
	38	12.60	15.10	17.90	21.10	24.50	28.20	10.05	11.30	12.50	13.75	15.00	16.20
	43	12.65	14.95	17.55	20.50	23.70	27.10	10.75	12.20	13.65	15.05	16.50	17.90
ZXLD200BE	27	13.95	17.30	21.00	25.10	29.60	34.40	9.63	10.40	11.20	12.05	12.85	13.70
	32	13.75	16.90	20.50	24.40	28.70	33.30	10.30	11.25	12.20	13.10	14.05	15.00
	38	13.65	16.55	19.85	23.50	27.60	32.00	11.15	12.30	13.45	14.55	15.65	16.75
	43	13.65	16.30	19.40	22.90	26.70	30.80	11.85	13.25	14.55	15.85	17.10	18.35

Notes: Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZXLD Family : Low Temperature

Capacity and power (kW) at 50 Hz - TFM

R448A/R449A

Model	Ambient temperature (°C)	Capacity evaporating temperature (°C)						Power evaporating temperature (°C)					
		-40	-35	-30	-25	-20	-15	-40	-35	-30	-25	-20	-15
ZXLD120BE	27	7.94	10.05	12.45	15.20	18.30	21.70	6.03	6.44	6.93	7.51	8.15	8.83
	32	7.88	9.89	12.20	14.85	17.80	21.10	6.61	7.09	7.66	8.31	9.00	9.73
	38	7.75	9.65	11.85	14.35	17.15	20.30	7.43	8.01	8.68	9.41	10.20	11.00
	43	7.61	9.41	11.50	13.85	16.55	19.55	8.23	8.91	9.67	10.50	11.35	12.25
ZXLD160BE	27	9.95	12.65	15.70	19.15	22.80	26.60	6.96	7.69	8.49	9.35	10.25	11.25
	32	9.74	12.30	15.30	18.55	22.00	25.70	7.59	8.46	9.38	10.35	11.40	12.50
	38	9.47	11.90	14.70	17.75	21.00	24.40	8.35	9.41	10.50	11.65	12.90	14.10
	43	9.28	11.60	14.20	17.10	20.20	23.40	8.95	10.20	11.50	12.85	14.20	15.60
ZXLD200BE	27	10.85	13.85	17.25	21.00	25.10	29.50	7.68	8.41	9.20	10.05	10.95	11.85
	32	10.65	13.50	16.80	20.40	24.40	28.50	8.37	9.24	10.15	11.10	12.10	13.15
	38	10.35	13.05	16.15	19.60	23.30	27.20	9.20	10.25	11.35	12.50	13.65	14.85
	43	10.15	12.70	15.65	18.90	22.40	26.10	9.87	11.15	12.45	13.75	15.05	16.40

Notes: Rating condition is based on a return gas temperature of 20°C
Power input includes condenser fan

ZX Family: Medium temperature

Technical data at 50 Hz - PFJ

Family				ZX			
Nominal Rating		Horsepower	HP	2	2.5	3	4
Model Name				ZX020BE	ZX025BE	ZX030BE	ZX040BE
Performance	Sound Pressure Level	@1m	dB(A)	56			
Compressor	Rated Load Ampere	R404A	Amp	13.2	14.6	16.4	20.0
		R407F	Amp	13.2	14.6	16.4	20.0
	Locked Rotor Ampere	R404A	Amp	58.0	61.0	82.0	114.0
		R407F	Amp	58.0	61.0	82.0	114.0
	Oil Type	R404A		POE			
		R407F		POE			
	Oil Recharge Volume	R404A/R407F		1.18	1.33	1.33	1.33
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	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				ZX020BE	ZX030BE	ZX040BE	ZX050BE	ZX060BE	ZX075BE	ZX076BE
Performance	Sound Pressure Level	@1m	dB(A)	56			60			
Compressor	Rated Load Ampere	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	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	R404A		POE						
		R407F		POE						
	Oil Recharge Volume	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	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 50 Hz - TFM, TWM

Family				ZX						
Nominal Rating		Horsepower	HP	9	10	13	15	22	25	30
Model Name				ZX090BE	ZX100BE	ZX130BE	ZX150BE	ZX220BE	ZX250BE	ZX300BE
Performance	Sound Pressure Level	@1m	dB(A)	66	66	67	67	73	73	74
Compressor	Rated Load Ampere		Amp	17.5	20.0	25.0	27.9	31.4	41.4	57.9
	Locked Rotor Ampere		Amp	111	118	140	174	225	272	310
	Oil Type			POE						
	Oil Recharge Volume			3.14				4.38	6.51	6.00
Fan Motor	Number of Fan		Pieces	1				2		
	Diameter		mm	710				710		
	Maximum Speed		rpm	1010				1010		
	Air Flow	Total	m^3/h	16632	16632	15372	15372	29592	29592	25200
	Total Fan Motor Power	Input	W	855	855	980	980	2300	2300	2600
Others	Oil Separator	Volume	Liters	0.6						
	Receiver Volume	R404A	kg	17				31.8		
	Pipes	Suction OD	Inch	1 3/8				1 5/8	2 1/8	
		Liquid OD	Inch	3/4				7/8	1 1/8	
	Dimension	W x D x H	mm	1200 x 882 x 2044				2013 x 872 x 2120		
	Weight	Net	kg	308	310	316	318	400	410	420
		Gross	kg	373	375	381	383	465	475	485

ZXD Family: Digital medium temperature

Technical data at 50 Hz - TFD/TFM

Family					ZXD									
Nominal Rating		Horsepower		HP	3	4	5	6	7.5	7.6	9	12	16	20
Model Name					ZXD030B0	ZXD040B0	ZXD050B0	ZXD060B0	ZXD075B0	ZXD076B0	ZXD090BE	ZXD120BE	ZXD160BE	ZXD200BE
Performance	Sound Pressure Level	@1m		dB(A)	56	60					62	65	69	69
Compressor	Rated Load Ampere	R404A		Amp	7.4	7.7	10.4	12.4	12.4	12.4	14.6	9.6+10.1	11.1+11.1	14.6+14.6
		R407F		Amp	7.4	7.9	10.0	12.1	12.1	12.1	/	/	/	/
	Locked Rotor Ampere	R404A		Amp	40.0	48.0	64.0	74.0	100.0	100.0	102	74	74	102
		R407F		Amp	40.0	48.0	64.0	74.0	100.0	100.0	/	/	/	/
	Oil Type	R404A			POE									
		R407F			POE									
	Oil Recharge Volume	R404A/R407F		Liters	1.12	1.24	1.77	1.77	1.77	1.77	1.89	1.9+1.9	1.9+1.9	1.9+1.9
Fan Motor	Number of Fan			Pieces	1	2	2	2	2	2	2	2	2	2
	Diameter			mm	450	450	450	450	450	450	450	600	600	630
	Fan Speed			rpm	830	830	830	830	830	830	830	930	930	920
	Air Flow	Total		m^3/h	2922	5910	5910	5910	5910	5910	5910	14040	14040	16380
	Total Fan Motor Power	Input		W	116	246	246	246	246	246	246	700	700	960
Others	Oil Separator/ Reservoir Charge	Volume		Liters	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6/4	0.6/4	0.6/4
	Receiver Volume	R404A		kg	4.4	6.3	6.3	6.3	6.3	6.3	6.3	17	21.6	21.6
		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	1 3/8	1 3/8
		Liquid OD		Inch	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4
	Dimension	W x D x H		mm	1029 x 424 x 840	1029 x 424 x 1242						1645 x 1010 x 1066		1645 x 1010 x 1235
	Weight	Net		kg	85	104	112	114	119	122	138	357	362	362
		Gross		kg	123	148	156	158	163	171	158	457	462	462

ZXL Family: Low temperature

Technical data at 50 Hz - PFJ

Family				ZXL		
Nominal Rating		Horsepower	HP	2	2.5	3
Model Name				ZXL020BE	ZXL025BE	ZXL030BE
Performance	Sound Pressure Level	@1m	dB(A)	56		
Compressor	Rated Load Ampere	R404A	Amp	12.7	13.3	15.1
		R407F	Amp	12.7	13.3	15.1
	Locked Rotor Ampere	R404A	Amp	56.6	73.7	82.3
		R407F	Amp	56.6	73.7	82.3
	Oil Type	R404A		POE		
		R407F		POE		
	Oil Recharge Volume	R404A/R407F		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	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				ZXL020BE	ZXL025BE	ZXL030BE	ZXL035BE	ZXL040BE	ZXL050BE	ZXL060BE	ZXL075BE
Performance	Sound Pressure Level	@1m	dB(A)	56					60		
Compressor	Rated Load Ampere	R404A	Amp	5.6	6.2	6.0	8.3	8.6	10.0	11.1	14.6
		R407F	Amp	5.6	6.2	6.0	8.3	8.6	10.0	11.1	14.6
	Locked Rotor Ampere	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	R404A		POE							
		R407F		POE							
	Oil Recharge Volume	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	850
	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/ Reservoir Charge	Volume	Liters	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Receiver Volume	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	1 3/8
		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

ZXL Family: Low temperature

Technical data at 50 Hz - TFM, TEM

Family				ZXL					
Nominal Rating		Horsepower	HP	10	13	15	20	25	30
Model Name				ZXL100BE	ZXL130BE	ZXL150BE	ZXL200BE	ZXL250BE	ZXL300BE
Performance	Sound Pressure Level	@1m	dB(A)	67	69	69	71	75	75
Compressor	Rated Load Ampere		Amp	21.7	23.0	23.0	28.6	37.1	46.7
	Locked Rotor Ampere		Amp	118	118	139	168	246	310
	Oil Type			POE					
	Oil Recharge Volume		Liters	3.25				6.00	
Fan Motor	Number of Fan		Pieces	1				2	
	Diameter		mm	710					
	Fan Speed		rpm	1010					
	Air Flow	Total	m^3/h	16632	16632	15372	15372	29592	25200
	Total Fan Motor Power	Input	W	855	855	980	980	2300	2600
Others	Oil Separator/ Reservoir Charge	Volume	Liters	0.6					
	Receiver Volume	R404A	kg	17				31.8	
	Pipes	Suction OD	Inch	1 3/8				2 1/8	
		Liquid OD	Inch	3/4				7/8	
	Dimension	W x D x H	mm	1200 x 882 x 2044				2013 x 872 x 2120	
	Weight	Net	kg	334	334	340	340	440	455
		Gross	kg	399	399	405	405	505	520

ZXLD Family: Low temperature

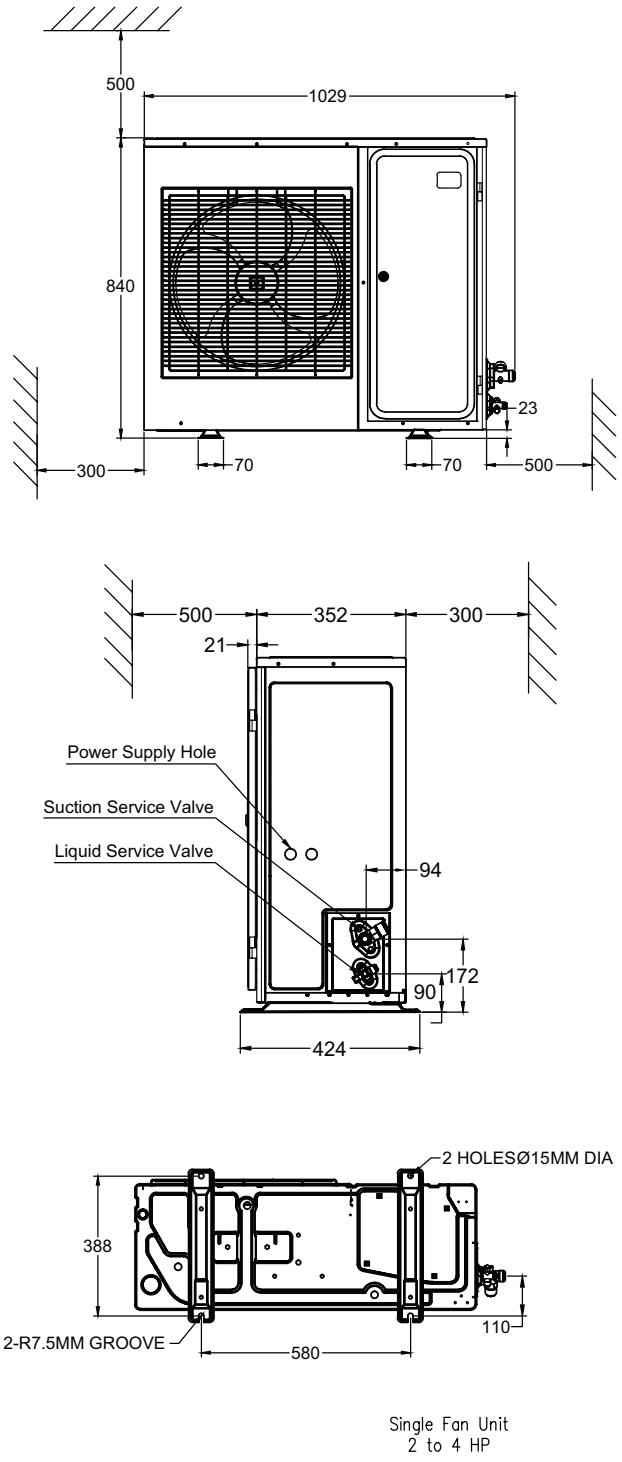
Technical data at 50 Hz -TFD/TFM

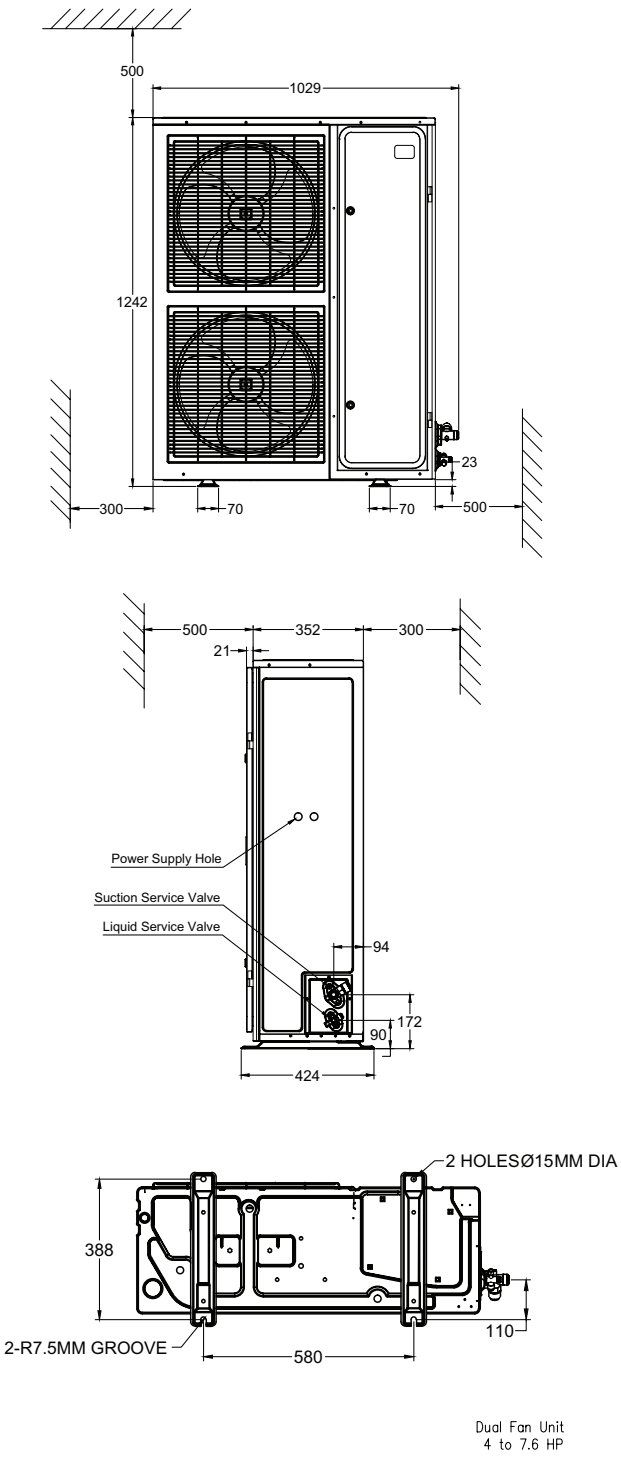
Family				ZXLD			
Nominal Rating		Horsepower	HP	9	12	16	20
Model Name				ZXLD090BE	ZXLD120BE	ZXLD160BE	ZXLD200BE
Performance	Sound Pressure Level	@1m	dB(A)	62	69	69	69
Compressor	Rated Load Ampere	R404A	Amp	14.6	11.1+11.1	14.6+14.6	14.6+14.6
	Locked Rotor Ampere	R404A	Amp	102	74	102	121
	Oil Type	R404A		POE			
	Oil Recharge Volume		Liters	1.89	1.9+1.9	1.9+1.9	1.9+1.9
Fan Motor	Number of Fan		Pieces	2	2	2	2
	Diameter		mm	450	600	600	630
	Fan Speed		rpm	830	930	930	920
	Air Flow	Total	m^3/h	5910	14040	14040	16380
	Total Fan Motor Power	Input	W	246	700	700	960
Others	Oil Separator / Reservoir Charge	Volume	Liters	0.5	0.6/4	0.6/4	0.6/4
	Receiver Volume (at 32°C)		kg	6.3	17	21.6	21.6
	Pipes	Suction OD	Inch	7/8	1 3/8	1 3/8	1 3/8
		Liquid OD	Inch	1/2	3/4	3/4	3/4
	Dimension	W x D x H	mm	1029 x 424 x 1242	1645 x 1010 x 1066		1645 x 1010 x 1235
	Weight	Net	kg	138	362	362	362
		Gross	kg	158	462	462	462

Dimensional drawings

ZX - PFJ (2 HP-4 HP)
ZX - TFD (2HP-4HP)
ZXL - PFJ (2HP-3HP)
ZXL - TFD (2HP-4HP)
ZXD - TFD (3HP)

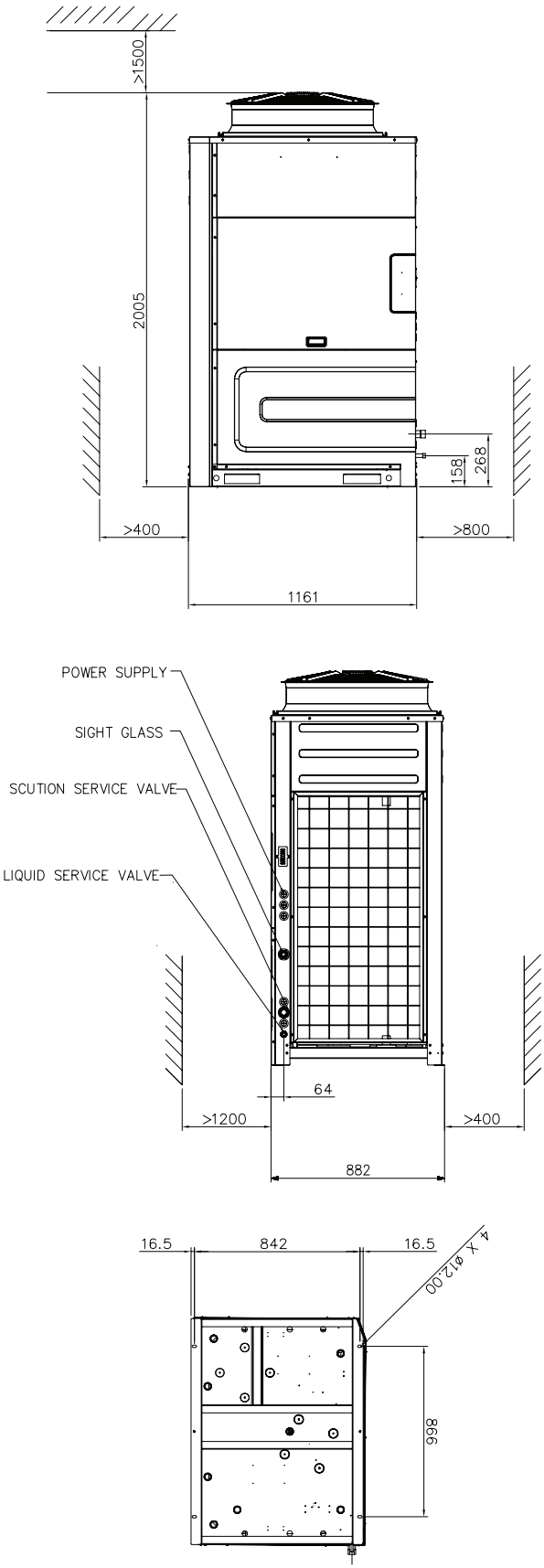
ZX - TFD (5HP-7.6HP)
ZXL - TFD (5HP-7.5HP)
ZXD - TFD (4HP-9HP), ZXLD-TFD (9HP)



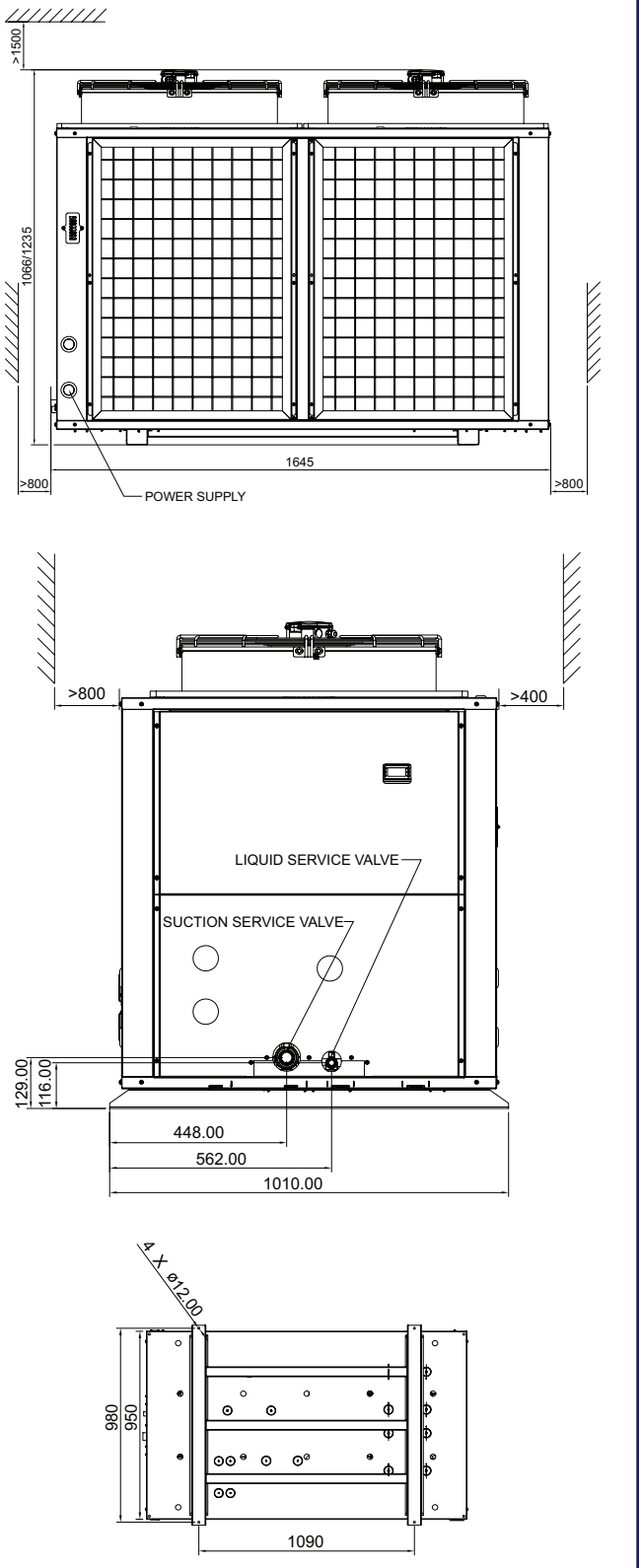


Dimensional drawings

ZX-TFM (9 HP-15 HP), ZXL- TFM (10HP-20 HP)

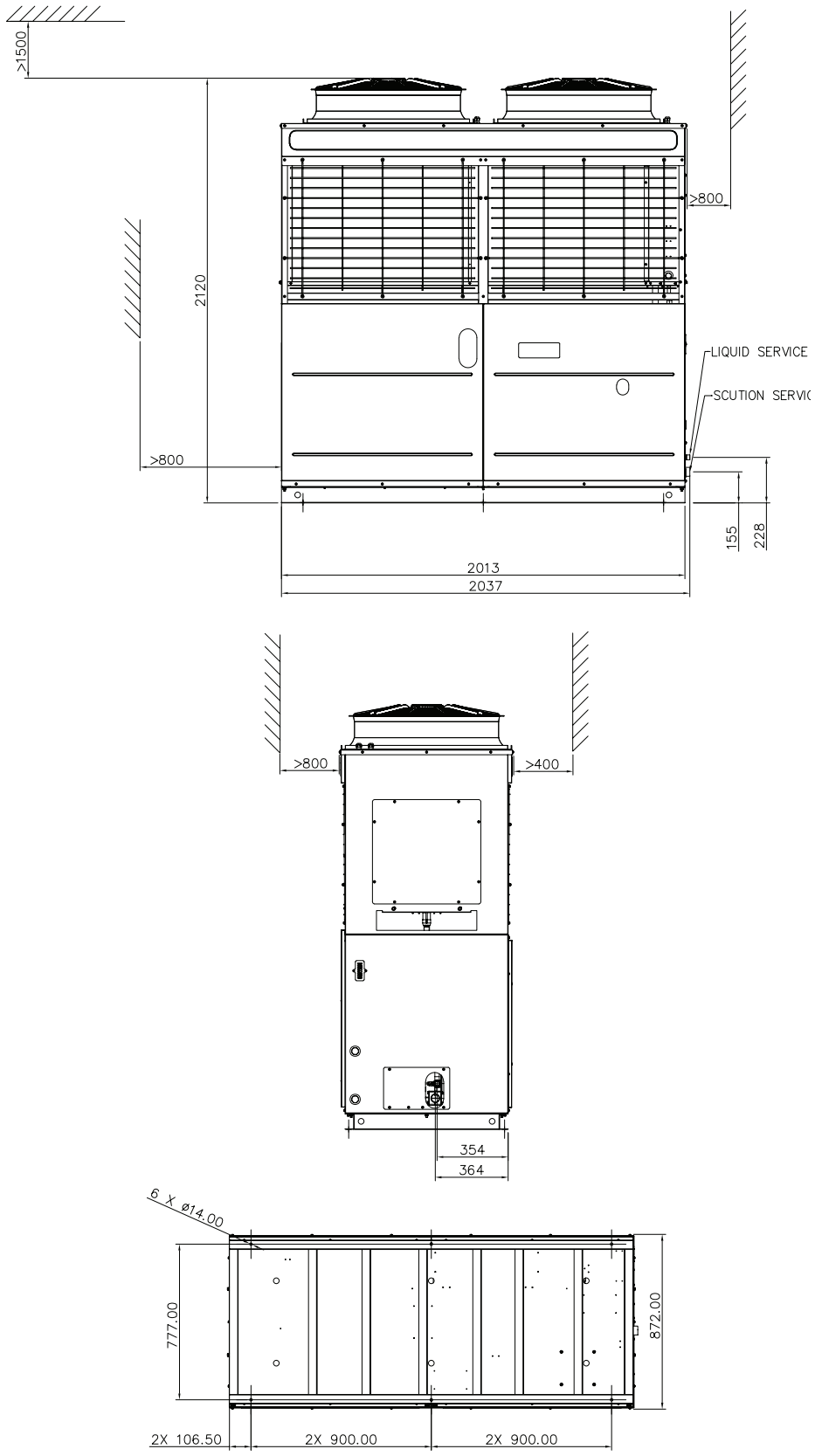


ZXD- TFM (12 HP-20 HP), ZXLD- TFM (12 HP-20 HP)



Dimensional drawings

ZX-TWM, TEM (22HP -30HP)



Packing information

Container loading, ZX Platform condensing unit					
Family	Model	Motor code	Fan type	20FT	40FT
ZX	ZX020BE	PFJ/TFD	Single Fan	40	80
	ZX025BE	PFJ		40	80
	ZX030BE	PFJ/TFD		40	80
	ZX040BE	PFJ/TFD		40	80
	ZX050BE	TFD	Dual Fan	20	40
	ZX060BE	TFD		20	40
	ZX075BE	TFD		20	40
	ZX076BE	TFD		20	40
	ZX090BE	TFM	Single Fan	8	18
	ZX100BE	TFM		8	18
	ZX130BE	TFM		8	18
	ZX150BE	TFM		8	18
	ZX220BE	TWM	Dual Fan	5′	11′
	ZX250BE	TWM		5′	11′
	ZX300BE	TWM		5′	11′
ZXD	ZXD030BE	TFD	Single Fan	40	80
	ZXD040BE	TFD	Dual Fan	20	40
	ZXD050BE	TFD		20	40
	ZXD060BE	TFD		20	40
	ZXD075BE	TFD		20	40
	ZXD076BE	TFD		20	40
	ZXD090BE	TFD		20	40
	ZXD120BE	TFM	Top air throw (Dual Fan)	6	13
	ZXD160BE	TFM		6	13
	ZXD200BE	TFM		6	13
ZXL/ZXLD	ZXL020BE	PFJ/TFD	Single Fan	40	80
	ZXL025BE	PFJ/TFD		40	80
	ZXL030BE	PFJ/TFD		40	80
	ZXL035BE	TFD		40	80
	ZXL040BE	TFD		40	80
	ZXL050BE	TFD	Dual Fan	20	40
	ZXL060BE	TFD		20	40
	ZXL075BE	TFD		20	40
	ZXLD090BE	TFD		20	40
	ZXL100BE	TFM	Single Fan	8	18
	ZXL130BE	TFM		8	18
	ZXL150BE	TFM		8	18
	ZXL200BE	TFM		8	18
	ZXL250BE	TEM	Dual Fan	5′	11′
	ZXL300BE	TEM		5′	11′
	ZXLD120BE	TFM	Top air throw (Dual Fan)	6	13
	ZXLD160BE	TFM		6	13
	ZXLD200BE	TFM		6	13

Note: ′ High Type Container Only

Conversion chart

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

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 Copeland clearly stating the information required.

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