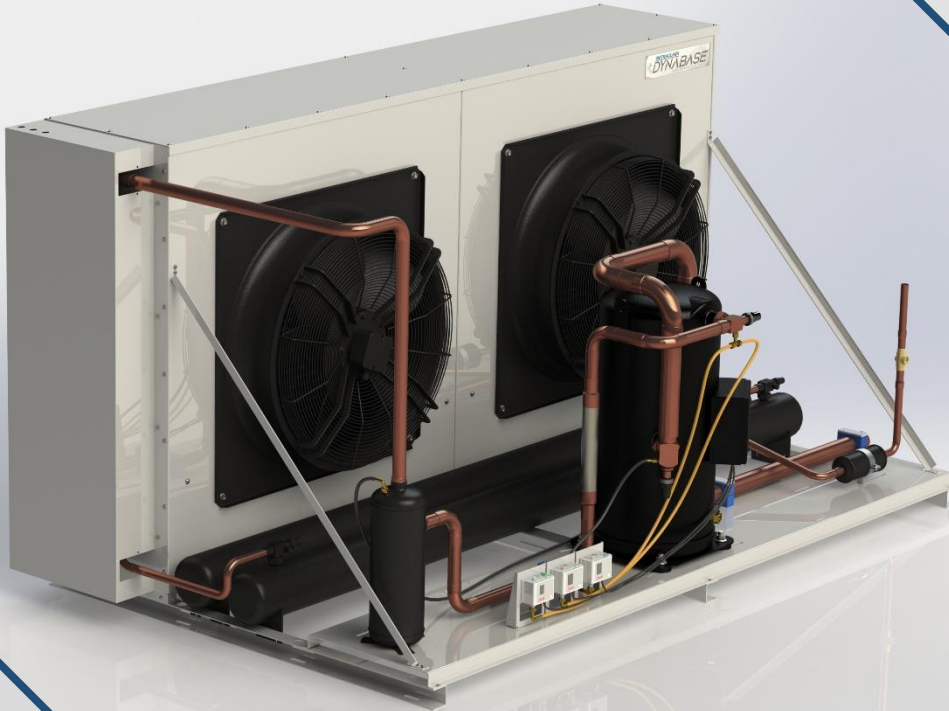




# METRA CLARK

Refrigeration & Air-Conditioning Wholesale

## DYNABASE SCROLL



*Catalogue*

## OUR MISSION AND CORE VALUES

Support our customers with friendly, skillful, and reliable expertise. Deliver refrigeration and air-conditioning products with the highest quality in the most efficient manner.

Metraclark conducts business as follows:



Devoted to honourable and ethical business practices.



Committed to customer support and service.



Dedicated to employee development.



Committed to continuous product development with the goal of reducing environmental impact.



Dedicated to building and maintain customer and supplier relationships.



Devoted to supplying cost effective food preservation and comfort cooling products available throughout Southern Africa.

**QUALIFIED ENGINEERS    CONTINUOUS DEVELOPMENT**  
**EXPERIENCED QUALITY    INTERNATIONAL    ISO : 9001**  
**LOCAL MANUFACTURING    LATEST PRODUCTS**  
**RELIABILITY    BESPOKE**  
**INNOVATION    **DYNAMIC**    TECHNOLOGY**  
**BESPOKE    ENERGY SAVING    QUALIFIED ENGINEERS**  
**TECHNOLOGY    LARGEST SALES NETWORK IN AFRICA**

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## COMMENTS

The DYNABASE range of air-cooled condensing units have been designed utilising first order thermodynamic principles to ensure optimal component sizing and high refrigeration efficiency. The DYNABASE range has been adapted to fit **Copeland** semi-hermetic, **Copeland** scroll, **Copeland** reciprocating, **Danfoss** reciprocating, and **Tecumseh** reciprocating compressors. The range includes more than **700** different model variants from 0.5 HP up to 50 HP compressors, with one fan condenser bases up to six fan condenser bases, suited for low-, medium-, and high temperature applications. Therefore, the DYNABASE range is the largest range of reciprocating and scroll compressor condensing units suited for every commercial refrigeration application under the Metraclark Dynamic brand. The DYNABASE range is manufactured under strict ISO 9001:2015 quality management and all units are pressure tested before dispatching.

## DESIGN

- DYNABASE condensers and base frames utilize a modular design approach for a larger cooling capacity range of products.
- Multi-refrigerant design options available: R134a, R404a, R507a, and R407F.
- Four condenser design configurations to suite all southern African ambient conditions.
- All sheet metal is fully powder coated for corrosion resistance.

## OPTIONAL EXTRAS

- Condenser fan speed control.
- BluChem treatment for condenser coil.
- BPHE for hot water recovery.
- Full integrated compressor, condenser, and evaporator electrics.

## ENERGY EFFICIENCY OPTIONS

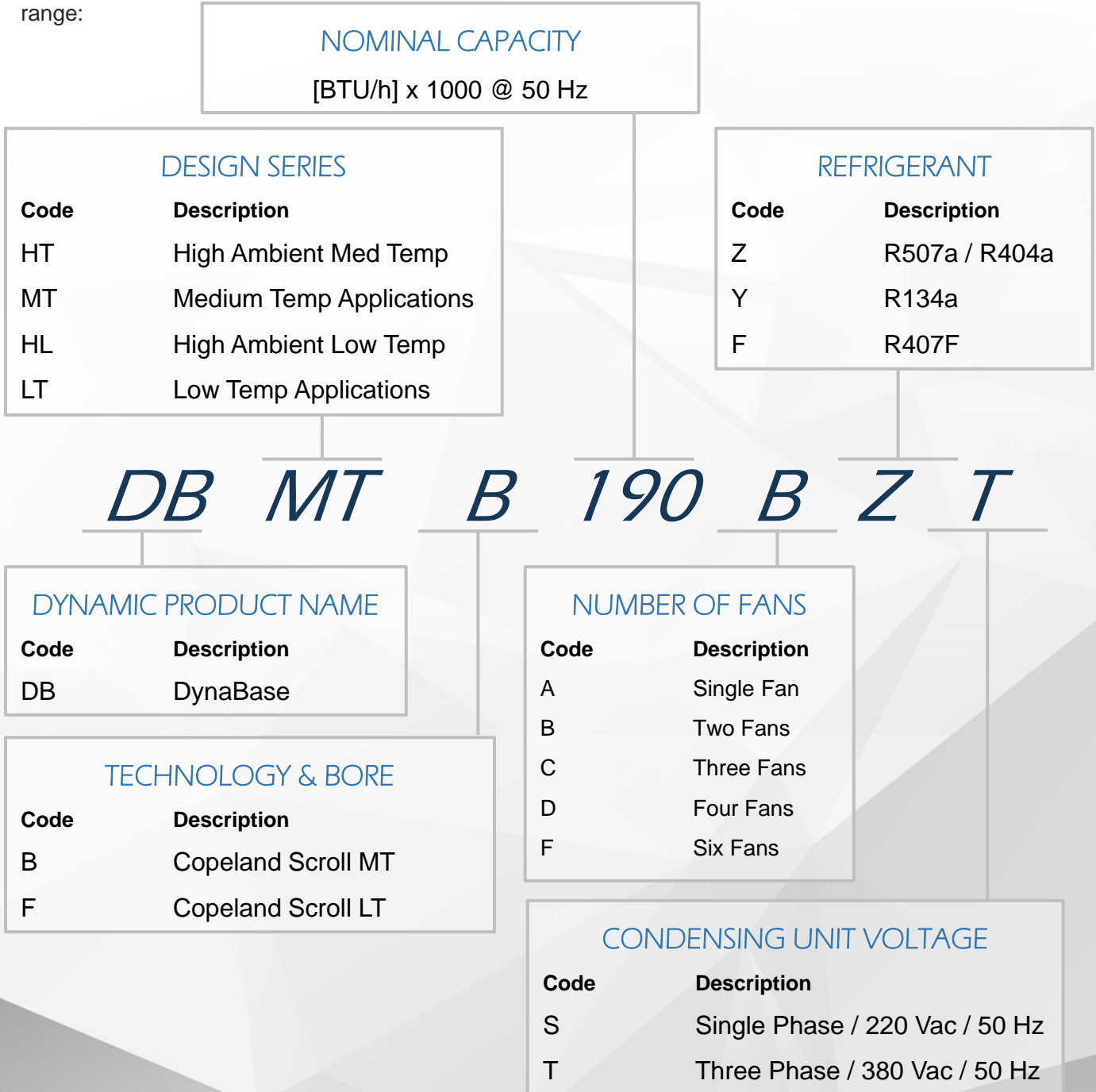
- Digital enhancement for energy saving: Digital and mechanical capacity unloading, VFD, and soft starters to reduce starting inrush current.

## STANDARD COMPONENTS

- Powder coated mild steel base frame.
- Copper tube and aluminium finned condenser coil block.
- EBM Axial fans with protective grill.
- Liquid receiver with outlet isolating valve.
- Suction and discharge vibration eliminators where applicable according to compressor.
- Oil separator with oil return line where applicable according to refrigerant flow rate.
- Suction accumulator on low temperature units.
- Liquid line with drier and sight glass.
- Replaceable liquid line filter drier on units with compressors of 20 HP and up.
- Individual Danfoss HP and LP switches, and pressure gauges.
- Danfoss HP Auto pressure switches for head pressure regulation on multiple fan units.
- Service valves where applicable according to compressor type.
- Thermistor motor protection module.
- Compressor crankcase heater.
- Pre-wired compressor terminal box.

## NOMENCLATURE

The model designation contains the following technical information about the standard DynaBase range:



FOR MORE INFORMATION PLEASE CONTACT YOUR NEAREST METRA CLARK  
OUTLET OR THE METRA CLARK ENGINEERING DEPARTMENT

Model Reference	Ambient Temperature [°C]	Suction Temperature [°C]					
		-15	-10	-5	0	5	10
DBHTB015AZT	34	2.50	3.15	3.91	4.78	5.78	6.93
	36	2.37	3.00	3.73	4.57	5.54	6.66
	38	2.23	2.84	3.54	4.36	5.30	6.37
	40	2.09	2.68	3.36	4.14	5.05	6.09
DBHTB021AZT	34	3.86	4.78	5.86	7.12	8.59	10.28
	36	3.70	4.58	5.63	6.85	8.28	9.92
	38	3.53	4.38	5.39	6.58	7.96	9.56
	40	3.35	4.17	5.15	6.30	7.64	9.19
DBHTB029AZT	34	5.25	6.49	7.95	9.66	11.65	13.94
	36	5.02	6.22	7.64	9.30	11.23	13.46
	38	4.79	5.95	7.31	8.92	10.80	12.97
	40	4.55	5.67	6.99	8.54	10.36	12.47
DBHTB038AZT	34	6.62	8.19	10.03	12.19	14.70	17.59
	36	6.33	7.85	9.63	11.73	14.16	16.98
	38	6.04	7.50	9.23	11.26	13.62	16.36
	40	5.75	7.15	8.82	10.78	13.07	15.73
DBHTB045BZT	34	7.75	9.59	11.75	14.28	17.22	20.60
	36	7.41	9.19	11.28	13.74	16.59	19.89
	38	7.07	8.78	10.81	13.18	15.96	19.16
	40	6.72	8.37	10.32	12.62	15.31	18.43
DBHTB048BZT	34	8.52	10.54	12.92	15.71	18.94	22.66
	36	8.16	10.11	12.41	15.11	18.25	21.88
	38	7.78	9.66	11.89	14.50	17.55	21.08
	40	7.40	9.21	11.35	13.88	16.84	20.27
DBHTB058BZT	34	10.07	12.67	15.61	18.96	22.82	27.24
	36	9.60	12.14	15.01	18.28	22.03	26.33
	38	9.11	11.60	14.40	17.58	21.22	25.41
	40	8.60	11.04	13.77	16.86	20.40	24.47
DBHTB066BZT	34	11.56	14.27	17.44	21.14	25.43	30.39
	36	11.07	13.69	16.76	20.34	24.51	29.32
	38	10.56	13.11	16.08	19.54	23.58	28.25
	40	10.05	12.51	15.38	18.73	22.63	27.16
DBHTB076BZT	34	13.64	16.94	20.77	25.20	30.27	36.07
	36	13.06	16.27	19.99	24.29	29.22	34.85
	38	12.46	15.58	19.19	23.36	28.15	33.62
	40	11.85	14.87	18.37	22.41	27.05	32.37
DBHTB095CZT	34	16.55	20.77	25.49	30.86	37.06	44.24
	36	15.69	19.86	24.48	29.72	35.75	42.72
	38	14.79	18.90	23.44	28.55	34.41	41.18
	40	13.83	17.91	22.35	27.35	33.05	39.62
DBHTB114CZT	34	19.40	24.52	30.35	37.03	44.69	53.47
	36	18.39	23.41	29.12	35.64	43.12	51.70
	38	17.35	22.27	27.84	34.22	41.52	49.89
	40	16.27	21.09	26.54	32.76	39.89	48.06
DBHTB150BZT	34	26.52	32.61	39.83	48.31	58.15	69.50
	36	25.51	31.40	38.40	46.63	56.23	67.31
	38	24.50	30.17	36.95	44.95	54.29	65.10
	40	23.48	28.94	35.49	43.24	52.33	62.86
DBHTB190BZT	34	33.19	40.82	49.86	60.47	72.80	87.00
	36	31.93	39.30	48.06	58.38	70.40	84.26
	38	30.67	37.77	46.25	56.27	67.97	81.50
	40	29.39	36.22	44.42	54.13	65.51	78.70
DBHTB220FZT	34	40.99	50.40	61.56	74.66	89.88	107.41
	36	39.43	48.52	59.34	72.08	86.91	104.03
	38	37.87	46.63	57.10	69.47	83.91	100.61
	40	36.30	44.73	54.85	66.83	80.88	97.16

DESIGN CRITERIA: Subcooling: 0 [K] / Suction superheat: 10 [K]

## TECHNICAL SPECIFICATION

MODEL REFERENCE	CONDENSER MODEL	STUB CONNECTIONS		RECEIVER VOLUME [L]	DIMENSIONS			FLA [A]	STOCK CODE
		Liquid	Suction		L [m]	W [m]	H [m]		
DBHTB015AZT	HAC 4013	3/8"	5/8"	7.4	0.625	1.060	0.685	5	RES12006
DBHTB021AZT	HAC 5012	3/8"	7/8"	9.5	0.775	1.060	0.835	9	RES12106
DBHTB029AZT	HAC 5013	1/2"	7/8"	9.5	0.775	1.060	0.835	11	RES12206
DBHTB038AZT	HAC 5014	1/2"	1 1/8"	9.5	0.775	1.060	0.835	14	RES12256
DBHTB045BZT	HAC 5022	1/2"	1 1/8"	19	1.525	1.060	0.835	16	RES12306
DBHTB048BZT	HAC 5023	1/2"	1 1/8"	19	1.525	1.060	0.835	17	RES12356
DBHTB058BZT	HAC 5023	5/8"	1 1/8"	19	1.525	1.060	0.835	18	RES12406
DBHTB066BZT	HAC 5024	5/8"	1 1/8"	19	1.525	1.060	0.835	20	RES12436
DBHTB076BZT	HAC 5025	5/8"	1 3/8"	19	1.525	1.060	0.835	23	RES12456
DBHTB095CZT	HAC 5033	7/8"	1 3/8"	29	2.275	1.060	0.835	32	RES12506
DBHTB114CZT	HAC 5035	7/8"	1 3/8"	29	2.275	1.060	0.835	38	RES12556
DBHTB150BZT	HAC 6323	7/8"	1 5/8"	29	2.325	1.380	1.29	49	RES12606
DBHTB190BZT	HAC 6325	1 1/8"	2 1/8"	29	2.325	1.380	1.29	60	RES12656
DBHTB220FZT	HAC 5065	1 1/8"	2 1/8"	29	2.275	1.380	1.67	69	RES12706

### ENGINEERING NOTES:

\*DynaBase units are to be installed and operated outside, in a well ventilated area, with suggested minimum wall clearance.

\*\*Anti-vibration pads are to be used under the feet of the unit.

\*\*\*Contact the Metraclark Engineering department for alternative DynaBase configurations.

## MEDIUM TEMPERATURE

## COOLING CAPACITY [kW]

R404A/R507

Model Reference	Ambient Temperature [°C]	Suction Temperature [°C]					
		-15	-10	-5	0	5	10
DBMTB015AZT	30	2.63	3.31	4.08	4.98	6.02	7.21
	32	2.50	3.15	3.91	4.78	5.78	6.93
	34	2.37	3.00	3.73	4.57	5.54	6.66
	36	2.23	2.84	3.54	4.36	5.30	6.37
DBMTB021AZT	30	4.03	4.98	6.09	7.39	8.90	10.63
	32	3.86	4.78	5.86	7.12	8.59	10.28
	34	3.70	4.58	5.63	6.85	8.28	9.92
	36	3.53	4.38	5.39	6.58	7.96	9.56
DBMTB029AZT	30	5.47	6.75	8.26	10.03	12.07	14.42
	32	5.25	6.49	7.95	9.66	11.65	13.94
	34	5.02	6.22	7.64	9.30	11.23	13.46
	36	4.79	5.95	7.31	8.92	10.80	12.97
DBMTB038BZT	30	6.90	8.52	10.42	12.65	15.23	18.19
	32	6.62	8.19	10.03	12.19	14.70	17.59
	34	6.33	7.85	9.63	11.73	14.16	16.98
	36	6.04	7.50	9.23	11.26	13.62	16.36
DBMTB045AZT	30	8.08	9.98	12.21	14.81	17.83	21.31
	32	7.75	9.59	11.75	14.28	17.22	20.60
	34	7.41	9.19	11.28	13.74	16.59	19.89
	36	7.07	8.78	10.81	13.18	15.96	19.16
DBMTB048BZT	30	8.89	10.97	13.43	16.30	19.62	23.44
	32	8.52	10.54	12.92	15.71	18.94	22.66
	34	8.16	10.11	12.41	15.11	18.25	21.88
	36	7.78	9.66	11.89	14.50	17.55	21.08
DBMTB058BZT	30	10.53	13.18	16.18	19.63	23.59	28.14
	32	10.07	12.67	15.61	18.96	22.82	27.24
	34	9.60	12.14	15.01	18.28	22.03	26.33
	36	9.11	11.60	14.40	17.58	21.22	25.41
DBMTB066BZT	30	12.04	14.84	18.11	21.92	26.34	31.45
	32	11.56	14.27	17.44	21.14	25.43	30.39
	34	11.07	13.69	16.76	20.34	24.51	29.32
	36	10.56	13.11	16.08	19.54	23.58	28.25
DBMTB076BZT	30	14.20	17.60	21.54	26.09	31.31	37.26
	32	13.64	16.94	20.77	25.20	30.27	36.07
	34	13.06	16.27	19.99	24.29	29.22	34.85
	36	12.46	15.58	19.19	23.36	28.15	33.62
DBMTB095BZT	30	17.36	21.65	26.46	31.98	38.35	45.75
	32	16.55	20.77	25.49	30.86	37.06	44.24
	34	15.69	19.86	24.48	29.72	35.75	42.72
	36	14.79	18.90	23.44	28.55	34.41	41.18
DBMTB114CZT	30	20.38	25.60	31.56	38.40	46.24	55.22
	32	19.40	24.52	30.35	37.03	44.69	53.47
	34	18.39	23.41	29.12	35.64	43.12	51.70
	36	17.35	22.27	27.84	34.22	41.52	49.89
DBMTB150CZT	30	27.51	33.81	41.25	49.96	60.06	71.66
	32	26.52	32.61	39.83	48.31	58.15	69.50
	34	25.51	31.40	38.40	46.63	56.23	67.31
	36	24.50	30.17	36.95	44.95	54.29	65.10
DBMTB190BZT	30	34.44	42.32	51.64	62.55	75.19	89.71
	32	33.19	40.82	49.86	60.47	72.80	87.00
	34	31.93	39.30	48.06	58.38	70.40	84.26
	36	30.67	37.77	46.25	56.27	67.97	81.50
DBMTB220BZT	30	42.53	52.26	63.76	77.22	92.82	110.76
	32	40.99	50.40	61.56	74.66	89.88	107.41
	34	39.43	48.52	59.34	72.08	86.91	104.03
	36	37.87	46.63	57.10	69.47	83.91	100.61

DESIGN CRITERIA: Subcooling: 0 [K] / Suction superheat: 10 [K]

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\*Cooling capacities listed are estimated values.

\*\*Cooling capacities subject to change without notice.

\*\*\*Oil separator for 4HP compressors and up.

\*\*\*\*Pipe sizing design criteria of 10m pipe runs.

## TECHNICAL SPECIFICATION

MODEL REFERENCE	CONDENSER MODEL	STUB CONNECTIONS		RECEIVER VOLUME [L]	DIMENSIONS			FLA [A]	STOCK CODE
		Liquid	Suction		L [m]	W [m]	H [m]		
DBMTB015AZT	HAC 3514	3/8"	5/8"	4	0.525	0.900	0.585	5	RES22006
DBMTB021AZT	HAC 4014	3/8"	7/8"	7.4	0.625	1.060	0.685	8	RES22106
DBMTB029AZT	HAC 5012	1/2"	7/8"	9.5	0.775	1.060	0.835	11	RES22206
DBMTB038BZT	HAC 3525	1/2"	7/8"	12.5	1.025	1.060	0.585	14	RES22256
DBMTB045AZT	HAC 5013	1/2"	1 1/8"	9.5	0.775	1.060	0.835	15	RES22306
DBMTB048BZT	HAC 4024	1/2"	1 1/8"	15.5	1.225	1.060	0.685	15	RES22356
DBMTB058BZT	HAC 5022	1/2"	1 1/8"	19	1.525	1.060	0.835	18	RES22406
DBMTB066BZT	HAC 5023	5/8"	1 1/8"	19	1.525	1.060	0.835	20	RES22436
DBMTB076BZT	HAC 5023	5/8"	1 3/8"	19	1.525	1.060	0.835	23	RES22456
DBMTB095BZT	HAC 5024	5/8"	1 3/8"	19	1.525	1.060	0.835	31	RES22506
DBMTB114CZT	HAC 5033	5/8"	1 3/8"	29	2.275	1.060	0.835	38	RES22556
DBMTB150CZT	HAC 5034	7/8"	1 5/8"	29	2.275	1.060	0.835	43	RES22606
DBMTB190BZT	HAC 6323	1 1/8"	2 1/8"	29	2.325	1.380	1.29	60	RES22656
DBMTB220BZT	HAC 6325	1 1/8"	2 1/8"	29	2.325	1.380	1.29	70	RES22706

### ENGINEERING NOTES:

\*DynaBase units are to be installed and operated outside, in a well ventilated area, with suggested minimum wall clearance.

\*\*Anti-vibration pads are to be used under the feet of the unit.

\*\*\*Contact the Metraclark Engineering department for alternative DynaBase configurations.

Model Reference	Ambient Temperature [°C]	Suction Temperature [°C]					
		-40	-35	-30	-25	-20	-15
DBHLF006AZT	34	0.87	1.13	1.43	1.78	2.20	2.70
	36	0.83	1.09	1.38	1.72	2.12	2.60
	38	0.79	1.04	1.32	1.65	2.03	2.49
	40	0.75	1.00	1.26	1.58	1.95	2.39
DBHLF008AZT	34	1.09	1.39	1.78	2.25	2.82	3.49
	36	1.06	1.33	1.70	2.15	2.70	3.35
	38	1.02	1.27	1.61	2.05	2.58	3.21
	40	0.98	1.21	1.53	1.94	2.45	3.06
DBHLF009AZT	34	1.19	1.54	1.95	2.45	3.04	3.74
	36	1.14	1.47	1.87	2.35	2.91	3.60
	38	1.09	1.41	1.79	2.24	2.79	3.45
	40	1.03	1.34	1.70	2.14	2.66	3.29
DBHLF011AZT	34	1.50	1.94	2.45	3.06	3.79	4.66
	36	1.44	1.86	2.35	2.93	3.63	4.47
	38	1.37	1.77	2.24	2.80	3.47	4.28
	40	1.29	1.68	2.13	2.67	3.31	4.09
DBHLF013AZT	34	1.70	2.19	2.79	3.53	4.41	5.46
	36	1.64	2.10	2.67	3.37	4.22	5.23
	38	1.58	2.01	2.55	3.21	4.03	5.01
	40	1.51	1.91	2.42	3.05	3.83	4.77
DBHLF015BZT	34	2.07	2.69	3.43	4.32	5.38	6.65
	36	1.98	2.57	3.28	4.13	5.16	6.38
	38	1.89	2.45	3.13	3.95	4.93	6.11
	40	1.79	2.34	2.98	3.76	4.70	5.83
DBHLF018BZT	34	2.32	3.14	4.06	5.13	6.38	7.87
	36	2.17	2.98	3.87	4.91	6.12	7.56
	38	2.02	2.81	3.68	4.68	5.85	7.25
	40	1.86	2.63	3.48	4.45	5.59	6.93
DBHLF025BZT	34	3.12	4.04	5.14	6.47	8.07	9.99
	36	2.98	3.87	4.93	6.21	7.75	9.61
	38	2.84	3.70	4.72	5.95	7.43	9.23
	40	2.71	3.53	4.51	5.68	7.12	8.85
DBHLF034BZT	34	3.98	5.27	6.77	8.57	10.72	13.27
	36	3.80	5.04	6.49	8.22	10.30	12.77
	38	3.62	4.81	6.21	7.88	9.87	12.26
	40	3.45	4.59	5.93	7.53	9.45	11.75
DBHLF041BZT	34	5.11	6.62	8.43	10.62	13.26	16.43
	36	4.88	6.34	8.09	10.19	12.73	15.79
	38	4.66	6.07	7.74	9.75	12.19	15.13
	40	4.44	5.79	7.39	9.31	11.65	14.48
DBHLF049BZT	34	6.10	7.92	10.12	12.78	15.99	
	36	5.83	7.58	9.70	12.26	15.36	
	38	5.56	7.24	9.27	11.74	14.72	
	40	5.29	6.90	8.85	11.21	14.09	

DESIGN CRITERIA: Subcooling: 0 [K] / Suction superheat: 10 [K]

## TECHNICAL SPECIFICATION

MODEL REFERENCE	CONDENSER MODEL	STUB CONNECTIONS		RECEIVER VOLUME [L]	DIMENSIONS			FLA [A]	STOCK CODE
		Liquid	Suction		L [m]	W [m]	H [m]		
DBHLF006AZT	HAC 3514	3/8"	5/8"	4	0.525	0.900	0.585	5	RES40056
DBHLF008AZT	HAC 4013	3/8"	5/8"	7.4	0.625	1.060	0.685	6	RES40106
DBHLF009AZT	HAC 4013	3/8"	5/8"	7.4	0.625	1.060	0.685	6	RES40156
DBHLF011AZT	HAC 4015	3/8"	5/8"	7.4	0.625	1.060	0.685	8	RES40206
DBHLF013AZT	HAC 5012	3/8"	5/8"	9.5	0.775	1.060	0.835	9	RES40256
DBHLF015BZT	HAC 3525	1/2"	7/8"	12.5	1.025	1.060	0.585	11	RES40306
DBHLF018BZT	HAC 4024	1/2"	7/8"	12.5	1.025	1.060	0.585	13	RES40356
DBHLF025BZT	HAC 4025	1/2"	1 1/8"	15.5	1.225	1.060	0.685	15	RES40406
DBHLF034BZT	HAC 5023	5/8"	1 3/8"	19	1.525	1.060	0.835	28	RES40456
DBHLF041BZT	HAC 5024	5/8"	1 3/8"	19	1.525	1.060	0.835	32	RES40506
DBHLF049BZT	HAC 5025	5/8"	1 3/8"	19	1.525	1.060	0.835	33	RES40556

### ENGINEERING NOTES:

\*DynaBase units are to be installed and operated outside, in a well ventilated area, with suggested minimum wall clearance.

\*\*Anti-vibration pads are to be used under the feet of the unit.

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LOW TEMPERATURE

COOLING CAPACITY [kW]

R404A/R507

Model Reference	Ambient Temperature [°C]	Suction Temperature [°C]					
		-40	-35	-30	-25	-20	-15
DBLTF006AZT	30	0.92	1.20	1.51	1.88	2.32	2.85
	32	0.89	1.16	1.46	1.82	2.24	2.75
	34	0.85	1.11	1.41	1.75	2.16	2.65
	36	0.81	1.07	1.35	1.68	2.08	2.55
DBLTF008AZT	30	1.14	1.47	1.89	2.39	2.99	3.68
	32	1.11	1.42	1.81	2.30	2.88	3.55
	34	1.07	1.36	1.74	2.20	2.76	3.42
	36	1.04	1.30	1.66	2.10	2.64	3.28
DBLTF009AZT	30	1.26	1.63	2.07	2.59	3.22	3.96
	32	1.21	1.57	1.99	2.49	3.10	3.82
	34	1.16	1.51	1.91	2.40	2.98	3.67
	36	1.11	1.44	1.83	2.29	2.85	3.52
DBLTF011AZT	30	1.60	2.07	2.61	3.25	4.01	4.93
	32	1.54	1.99	2.51	3.12	3.86	4.75
	34	1.47	1.90	2.40	3.00	3.71	4.56
	36	1.40	1.82	2.30	2.87	3.55	4.38
DBLTF013AZT	30	1.79	2.33	2.97	3.75	4.68	5.79
	32	1.73	2.23	2.85	3.60	4.50	5.57
	34	1.67	2.14	2.73	3.45	4.31	5.35
	36	1.61	2.05	2.61	3.29	4.12	5.12
DBLTF015AZT	30	2.21	2.86	3.64	4.59	5.71	7.05
	32	2.12	2.75	3.50	4.41	5.49	6.79
	34	2.03	2.63	3.35	4.22	5.27	6.52
	36	1.93	2.51	3.21	4.04	5.04	6.25
DBLTF018AZT	30	2.53	3.38	4.34	5.45	6.76	8.33
	32	2.39	3.22	4.15	5.23	6.51	8.02
	34	2.25	3.06	3.97	5.02	6.25	7.72
	36	2.10	2.89	3.78	4.79	5.99	7.41
DBLTF025BZT	30	3.32	4.29	5.46	6.86	8.54	10.56
	32	3.18	4.12	5.25	6.60	8.23	10.18
	34	3.05	3.95	5.04	6.34	7.91	9.80
	36	2.91	3.78	4.82	6.08	7.59	9.42
DBLTF034AZT	30	4.26	5.61	7.20	9.09	11.34	14.02
	32	4.08	5.38	6.92	8.74	10.93	13.52
	34	3.89	5.15	6.63	8.40	10.51	13.02
	36	3.71	4.93	6.35	8.05	10.08	12.51
DBLTF041BZT	30	5.44	7.03	8.95	11.26	14.05	17.40
	32	5.22	6.76	8.61	10.83	13.53	16.76
	34	4.99	6.48	8.26	10.40	12.99	16.11
	36	4.77	6.21	7.91	9.97	12.46	15.46
DBLTF049BZT	30	6.51	8.43	10.75	13.56	16.93	
	32	6.24	8.09	10.33	13.04	16.30	
	34	5.96	7.75	9.91	12.52	15.67	
	36	5.69	7.41	9.48	12.00	15.04	

DESIGN CRITERIA: Subcooling: 0 [K] / Suction superheat: 10 [K]

## TECHNICAL SPECIFICATION

MODEL REFERENCE	CONDENSER MODEL	STUB CONNECTIONS		RECEIVER VOLUME [L]	DIMENSIONS			FLA [A]	STOCK CODE
		Liquid	Suction		L [m]	W [m]	H [m]		
DBLTF006AZT	HAC 3512	1/4"	5/8"	4	0.525	0.900	0.585	5	RES30056
DBLTF008AZT	HAC 3514	3/8"	5/8"	4	0.525	0.900	0.585	6	RES30106
DBLTF009AZT	HAC 3514	3/8"	5/8"	4	0.525	0.900	0.585	6	RES30156
DBLTF011AZT	HAC 4013	3/8"	5/8"	7.4	0.625	1.060	0.685	8	RES30206
DBLTF013AZT	HAC 4014	3/8"	5/8"	7.4	0.625	1.060	0.685	8	RES30256
DBLTF015AZT	HAC 5012	3/8"	7/8"	9.5	0.775	1.060	0.835	11	RES30306
DBLTF018AZT	HAC 5012	3/8"	7/8"	9.5	0.775	1.060	0.835	14	RES30356
DBLTF025BZT	HAC 4023	3/8"	1 1/8"	15.5	1.225	1.060	0.685	15	RES30406
DBLTF034AZT	HAC 5014	1/2"	1 3/8"	9.5	0.775	1.060	0.835	26	RES30456
DBLTF041BZT	HAC 5023	1/2"	1 3/8"	19	1.525	1.060	0.835	32	RES30506
DBLTF049BZT	HAC 5023	1/2"	1 3/8"	19	1.525	1.060	0.835	33	RES30556

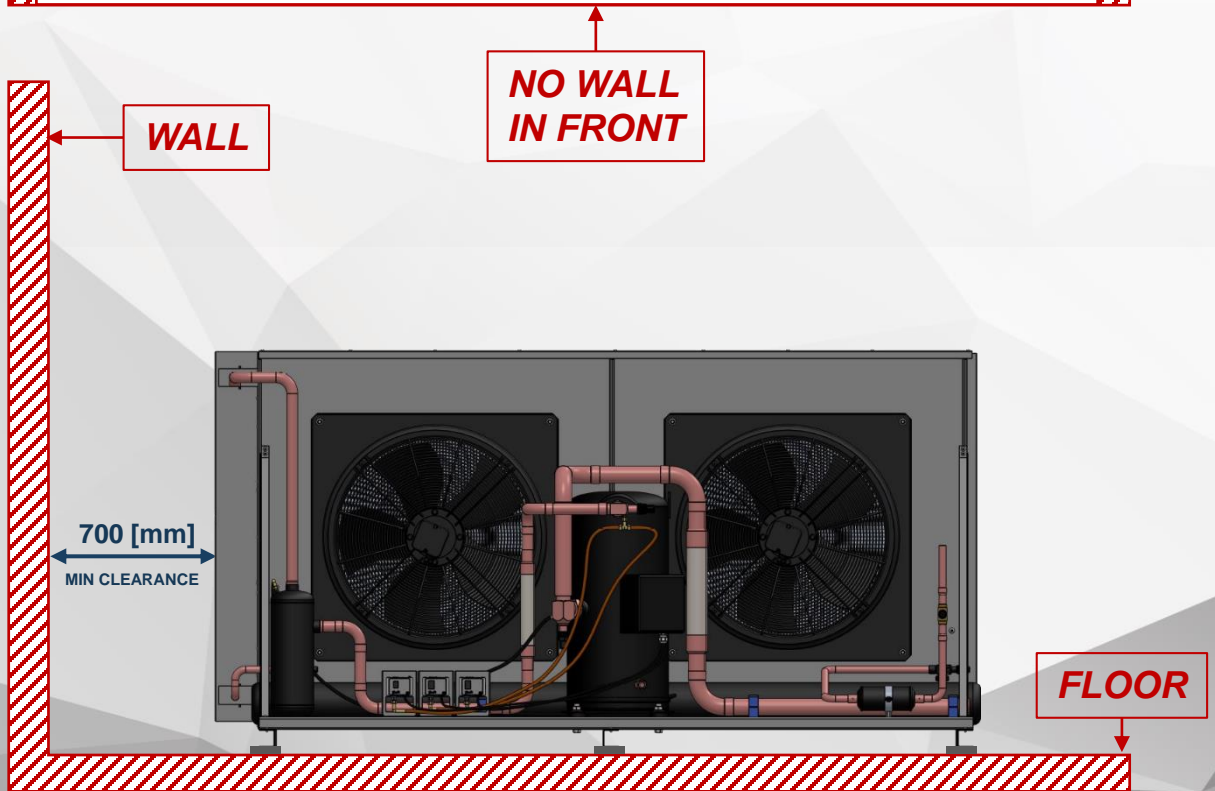
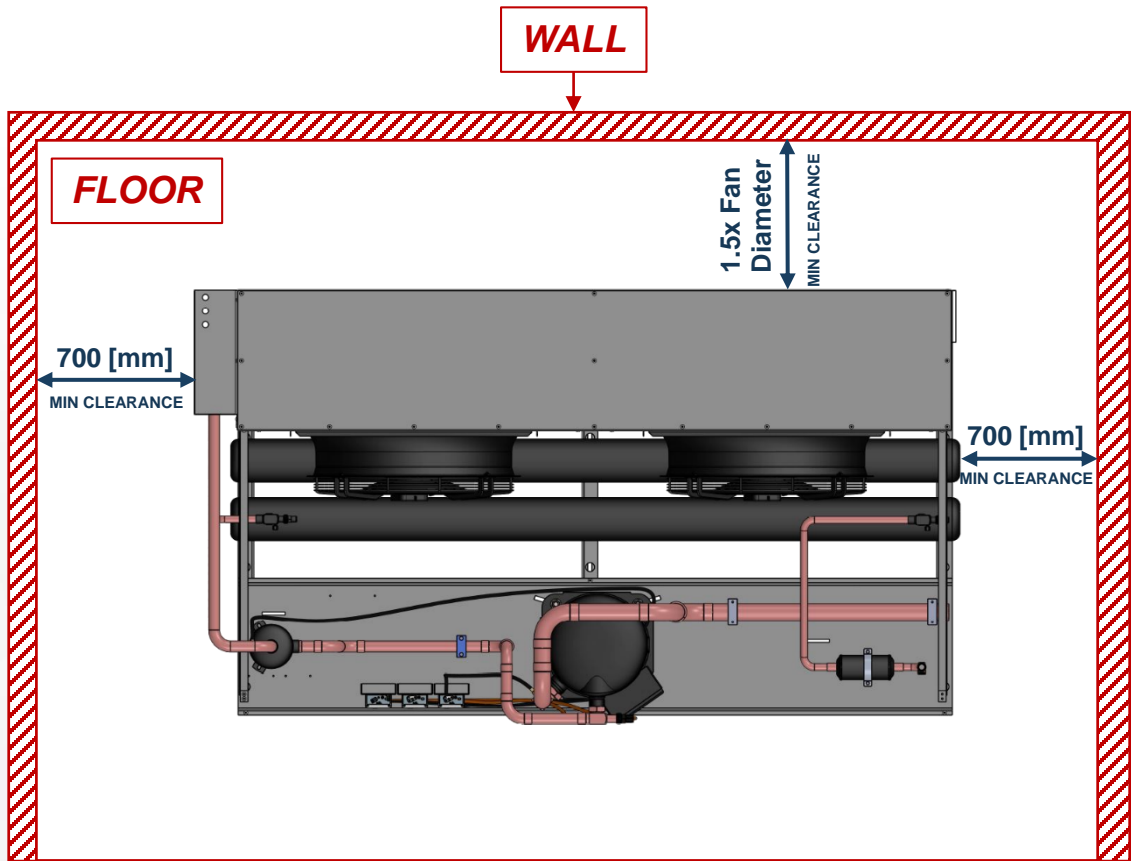
### ENGINEERING NOTES:

\*DynaBase units are to be installed and operated outside, in a well ventilated area, with suggested minimum wall clearance.

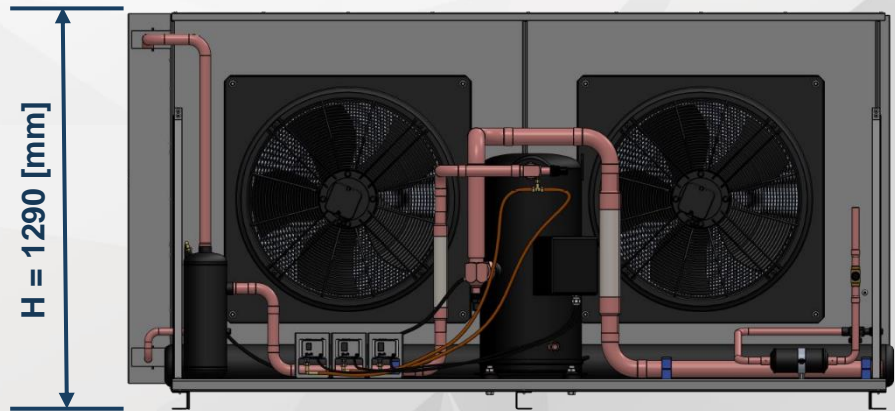
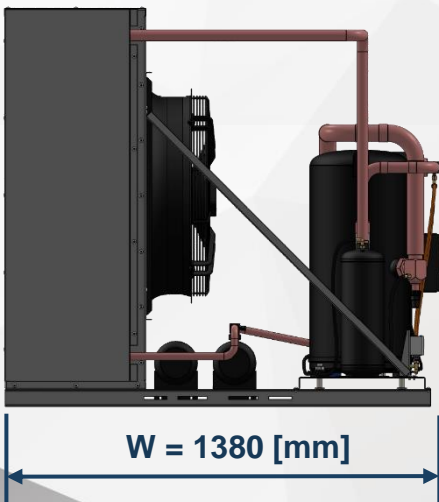
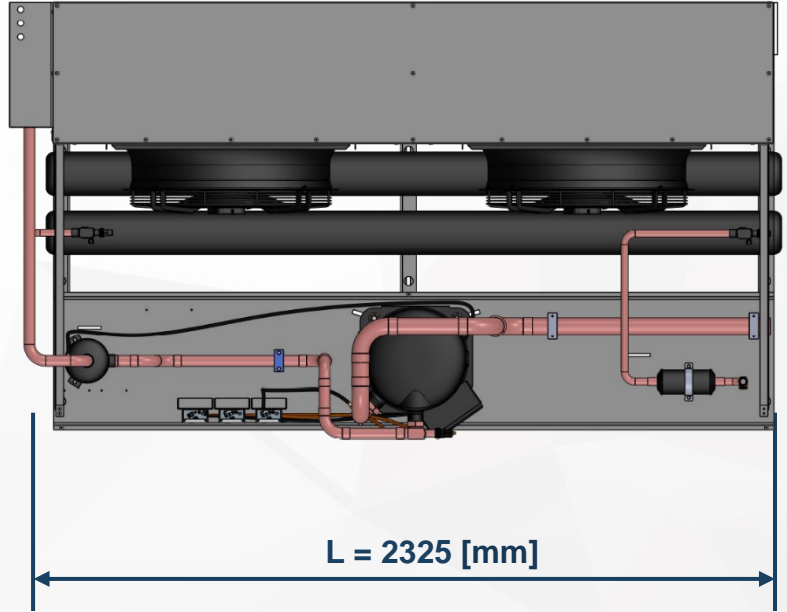
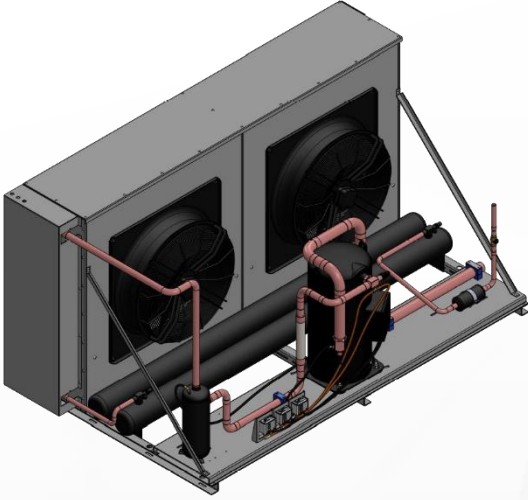
\*\*Anti-vibration pads are to be used under the feet of the unit.

\*\*\*Contact the Metraclark Engineering department for alternative DynaBase configurations.

# INSTALLATION GUIDELINE DRAWINGS



## DIMENSIONAL DRAWINGS



### ENGINEERING NOTES:

\*DynaBase unit illustrated is the DBHTB190BZT condensing unit and the dimensions are for the specified unit only, please refer to the technical specification pages with this catalogue for correct dimensions of the individual unit.



# **METRACLARK**

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