

# BEIJER REF

India

Beijer Ref, world's largest HVAC&R wholesaler present in 44 countries, including in India

## BEIJER REF

India



COMMERCIAL REFRIGERATION CATALOGUE  
2023-24

# BEIJER REF

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## Company Profile

**Beijer Ref India Private Limited** is proud to be a part of **Beijer Ref AB, Sweden**.

Beijer Ref AB is one of the largest refrigeration wholesalers in the world and is represented in 44 countries. Beijer Ref has 330 branches, 1200 suppliers, 100,000 products and 60,000 customers worldwide. Beijer Ref is a technology – oriented trading group which, through added-value products, offers its customers' competitive solutions within refrigeration and air conditioning.

Beijer Ref is represented in Belgium, Denmark, Estonia, Finland, France, Ireland, Italy, Latvia, Lithuania, Poland, Holland, Norway, Romania, Switzerland, Slovakia, Spain, United Kingdom, Sweden, the Czech Republic, Germany, Hungary, South Africa, Mozambique, Zambia, Botswana, Namibia, Ghana, Malaysia, Thailand, India, Australia and New Zealand.

Beijer Ref India Private Limited started its operation in India in 2007 as Patton Refrigeration India Private Limited and has a Pan India network of warehousing, offices and dealer network to cater to its esteemed customers. Beijer Ref India is committed to offer state-of-the-art refrigeration technology to industries like supermarkets, hotels, restaurants, fast food joints, dairy products, ice creams, fruits, vegetables, meat, sea food, pharmaceuticals, biotechnology, hospitals, research labs, horticulture & floriculture. Post the merger with Beijer Ref AB, Beijer Ref India continues to expand its product range, design, solutions and distribution network to meet the global demand for efficient, reliable and cost effective refrigeration equipment for today and the future.

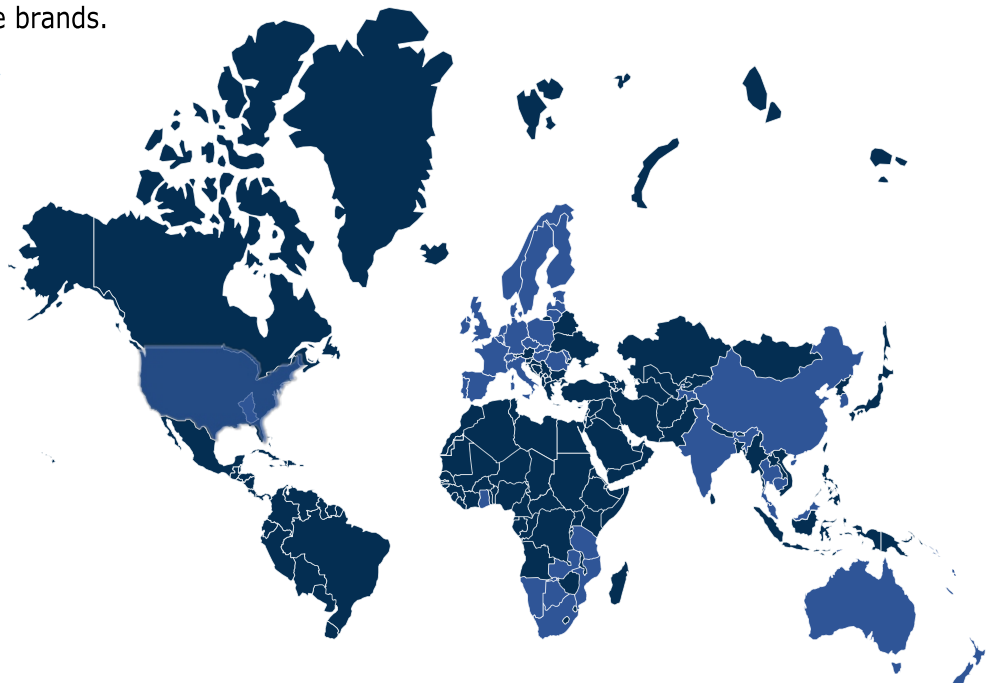
Apart from Patton and Bohn brand of evaporators and condensing Units, Beijer Ref India represents leading US and European brands like **Bitzer, Danfoss, Embraco, Henry, Carel, EBM, Gomax, Swep, SICCOM, Uniweld, Value, Fieldpiece, Appion, Emerson, Hicool, Refco, Subzero, Supco, Emkarate, Castel and Freddox**. Beijer Ref India is marketing and trading various HVAC & Ref products, equipments, tools and instruments like **Semi-hermetic, Screw, Scroll and FHP compressors, Evaporators, Air cooled and shell & tube condensers all kind of ref controls, Oil management systems for refrigeration, Gomax hoses and Fillings, Refrigerant recovery units, Vacuum pumps, HVAC digital Instruments, Vacuum gauges, Refrigeration oils, Vibration eliminators, Oil separators, PRVs, Ball valves, Copper fittings, Service tools, Manifolds, Charging hoses, Filter driers, Hand shut off valves, Axial Fans/ shaded pole motor, Electronic controllers, Condensate pumps, Tubeller & Sheet insulation and sheet insulation** etc. through above brands.

## BEIJER REF

India

### Our Values

Committed  
Engaged  
Straightforward  
United



For more details  
visit at [www.Refshoppe.com](http://www.Refshoppe.com)  
Call us @ 092 6670 6670  
Email: [sales@beijerref.co.in](mailto:sales@beijerref.co.in)

# ANGLED LOW PROFILE UNIT COOLERS



- Optimised 3/8" Rifle Bore Tube Coils.
- Light Weight Alu Case - 'Signal White' Powder Coat.
- Efficient External Rotor Motors.
- Low Temp Heater Safety Klixon.

## A SERIES

1.2 8.0 kW

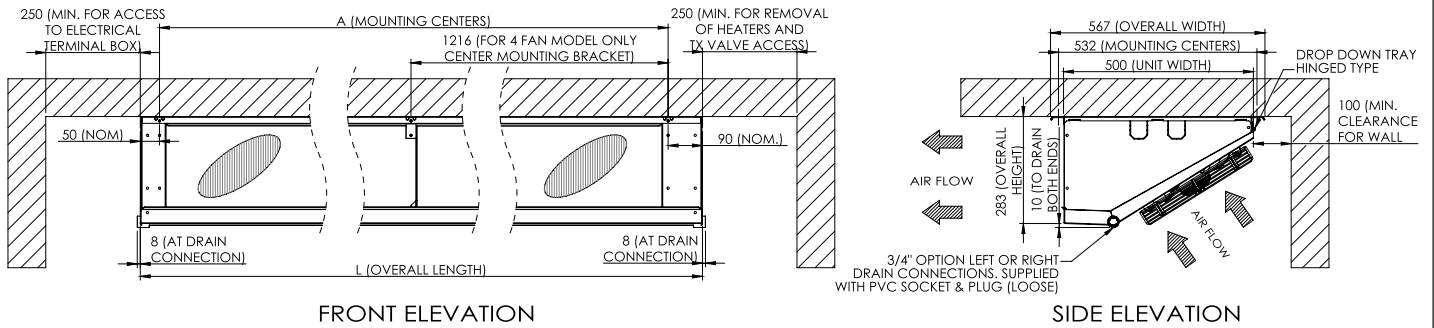
### MEDIUM TEMP

MODELS	AM	16	19	23	28	32	38	43	49	57	65	76
Capacity	R404A	1.56	1.86	2.31	2.82	3.21	3.75	4.26	4.86	5.67	6.45	7.59
kW @ 6 KTD -4°C SST	R449A	1.59	1.92	2.34	2.88	3.27	3.81	4.35	4.95	5.76	6.57	7.74
	R407F	1.65	v	2.43	2.97	3.36	3.93	4.47	5.10	5.94	6.75	7.95
	R134a	1.41	1.68	2.10	2.55	2.91	3.39	3.87	4.41	5.16	5.85	6.90
T.X Valve	R404A	IS2	IS2	IS2	2S2	2S2	3S2	3S2	3S2	3S2	4S2	4S2
TE2-S	R449A	0*2	1*2	1*2	1*2	2*2	2*2	3*2	3*2	3*2	3*2	4*2
	R407F	DX2	DX2	1X2	1X2	1X2	2X2	2X2	3X2	3X2	3X2	4X2
	<i>Danfoss</i> R134a	IN2	IN2	2N2	3N2	3N2	3N2	3N2	4N2	4N2	5N2	5N2

### LOW TEMP

MODELS	AL	14	17	21	26	28	33	39	42	49	56	65
Capacity	R404A	1.41	1.65	2.13	2.55	2.82	3.24	3.87	4.23	4.86	5.64	6.54
kW @ 6 KTD -24°C SST	R449A	1.41	1.65	2.10	2.52	2.79	3.21	3.84	4.20	4.80	5.58	6.48
	R407F	1.41	1.65	2.10	2.52	2.79	3.21	3.84	4.20	4.80	5.58	6.48
	R134a	1.20	1.41	1.80	2.16	2.40	2.76	3.30	3.60	4.14	4.80	5.55
T.X Valve	R404A	IS2	2S2	3S2	3S2	3S2	4S2	4S2	4S2	5S2	5S2	6S2
TE2-S	R449A	1*2	1*2	1*2	3*2	3*2	3*2	3*2	4*2	4*2	4*2	5*2
	R407F	DX2	1X2	1X2	2X2	3X2	3X2	3X2	3X2	4X2	4X2	5X2
	<i>Danfoss</i> R134a	2N2	2N2	3N2	3N2	4N2	4N2	5N2	5N2	5N2	6N2	6N2

**DIMENSIONS**



NTS (mm)  
Accessories not shown

**MEDIUM TEMP**

MODELS	AM	16	19	23	28	32	38	43	49	57	65	76	
Air Throw	m	5.5	5.0	8.5	8.0	8.0	7.5	8.5	8.5	8.0	10.0	9.5	
Air Volume	l/sec	400	395	830	820	800	790	1230	1200	1185	1600	1580	
Fan Motors	Ø 300mm	Num.	1	1	2	2	2	3	3	3	4	4	
		Watts	70	70	140	140	140	140	210	210	210	280	280
		Amps	0.3	0.3	0.6	0.6	0.6	0.6	0.9	0.9	0.9	1.2	1.2
Coil	Circuit Vol.	dm3	4.07	4.07	5.24	5.24	8.14	8.14	8.14	12.21	12.21	16.25	16.25
	Connection	Dist Inlet	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
	F.Sw	Suct Outlet	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	3/4"	3/4"	3/4"	7/8"	7/8"
		Rows & (fpi)	6 (4)	6 (6)	4 (4)	4 (6)	6 (4)	6 (6)	4 (6)	6 (4)	6 (6)	6 (4)	6 (6)
	Defrost	Watts	1160	1160	2120	2120	2120	2120	3080	3080	3080	4040	4040
Dimensions	L		774	774	1374	1374	1374	1374	1974	1974	1974	2574	2574
	A		632	632	1232	1232	1232	1232	1832	1832	1832	2432	2432
Net Weight	kg		14	15	24	25	28	28	33	37	37	48	49

**LOW TEMP**

MODELS	AL	14	17	21	26	28	33	39	42	49	56	65	
Air Throw	m	5.5	5.0	8.5	8.0	8.0	7.5	8.5	8.5	8.0	10.0	9.5	
Air Volume	l/sec	400	395	830	820	800	790	1230	1200	1185	1600	1580	
Fan Motors	Ø 300mm	Num.	1	1	2	2	2	3	3	3	4	4	
		Watts	70	70	140	140	140	140	210	210	210	280	280
		Amps	0.3	0.3	0.6	0.6	0.6	0.6	0.9	0.9	0.9	1.2	1.2
Coil	Circuit Vol.	dm3	4.07	4.07	5.24	5.24	8.14	8.14	8.14	12.21	12.21	16.25	16.25
	Connection	Dist Inlet	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
	F.Sw	Suct Outlet	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	3/4"	3/4"	3/4"	7/8"	7/8"
		Rows & (fpi)	6 (4)	6 (6)	4 (4)	4 (6)	6 (4)	6 (6)	4 (6)	6 (4)	6 (6)	6 (4)	6 (6)
	Defrost	Watts	1690	1690	3130	3130	3130	3130	4570	4570	4570	6010	6010
Dimensions	L		774	774	1374	1374	1374	1374	1974	1974	1974	2574	2574
	A		632	632	1232	1232	1232	1232	1832	1832	1832	2432	2432
Net Weight	kg		15	16	25	26	29	29	34	38	38	49	50

**CAPACITY CORRECTION**

AM @ °C SST		AL @ °C SST	
5°	1.17	-20°	1.07
0°	1.07	-25°	0.99
-5°	0.99	-30°	0.89
-10°	0.93	-35°	0.80

**RELATIVE HUMIDITY GUIDE**

Temp Diff	R.H %	Temp Diff	R.H %
2K	94	10K	77
4K	89	12K	73
6K	84	14K	70
8K	81	16K	66

**NOTES:**

- Air throw based on CRMA standard @ 20°C. Multiply figures by 0.94 for 2°C and 0.87 for -18°C
- Fan motors 220-240V/1/50Hz
- Defrost heaters 220-240V/1/50Hz  
Connect in Y for 380-420V/3/50Hz supply

Specifications subject to change without notice



# Low Profile Unit Coolers




- Optimised 3/8" Rifle Bore Tube Coils.
- Light Weight Alu Case and SS 304
- High Airflow External Rotor Motors.
- Reversible Drain Trays.
- Low Temp Heater Safety Klixon.


## B SERIES

1.4 9 kW

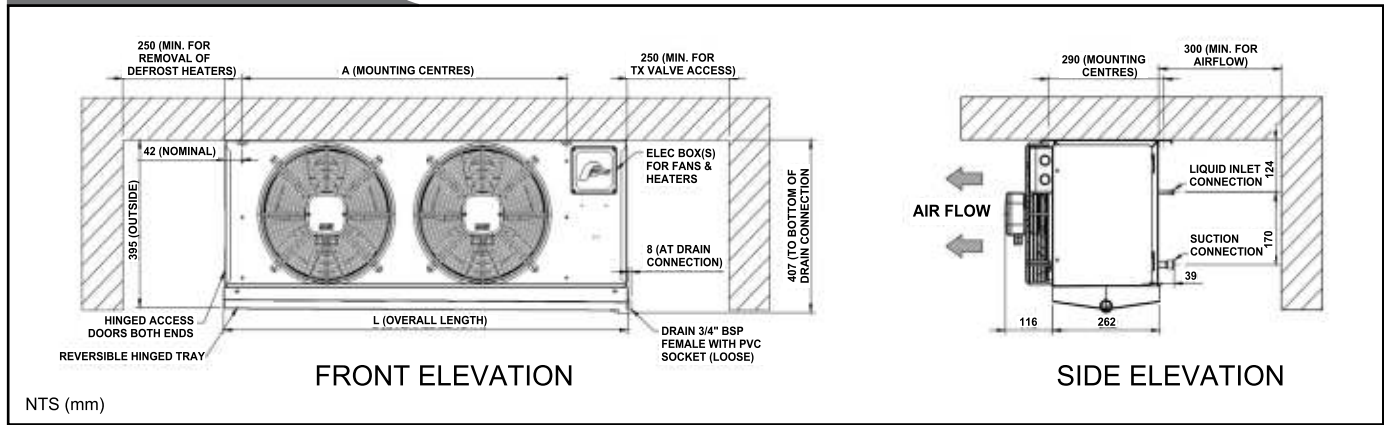
### MEDIUM TEMP

MODELS	BM	15	19	22	26	32	37	44	52	57	62	66	76	86
Capacity	R404A	1.53	1.92	2.25	2.61	3.09	3.75	4.41	5.25	5.76	6.21	6.69	7.71	9.00
kW @ 6 KTD -4C SST	R407F	1.62	2.01	2.34	2.73	3.24	3.93	4.62	5.49	6.03	6.51	7.02	8.10	9.45
	R22	1.50	1.89	2.22	2.55	3.03	3.66	4.32	5.13	5.64	6.09	6.54	7.56	8.82
	R134a	1.38	1.74	2.04	2.37	2.79	3.42	3.99	4.77	5.25	5.64	6.09	7.02	8.19
T.X Value	R404A	1-SW	1-SW	1-SW	2-SW	2-SW	3-SW	3-SW	3-SW	4-SW	4-SW	4-SW	5-SW	5-SW
J8ES	R407F	1-VW	1-VW	1-VW	1-VW	2-VW	2-VW	2-VW	2-VW	3-VW	3-VW	3-VW	3-VW	4-VW
	R22	1-VW	1-VW	1-VW	1-VW	1-VW	2-VW	2-VW	2-VW	3-VW	3-VW	3-VW	3-VW	4-VW
	R134a	1-JW	1-JW	1-JW	2-JW	2-JW	3-JW	3-JW	3-JW	4-JW	4-JW	4-JW	4-JW	4-JW

### LOW TEMP

MODELS	BL	14	20	27	38	42	49	56
Capacity	R404A	1.41	1.98	2.82	3.93	4.26	4.92	5.70
kW @ 6 KTD -24C SST	R407F	1.38	1.95	2.79	3.90	4.20	4.86	5.64
	R22	1.35	1.92	2.73	3.81	4.14	4.77	5.52
	R134a	1.20	1.68	2.40	3.33	3.60	4.17	4.83
T.X Value	R404A	1-SW	2-SW	3-SW	3-SW	4-SW	4-SW	4-SW
J8ES	R407F	1-VW	1-VW	2-VW	2-VW	3-VW	3-VW	3-VW
	R22	1-VW	1-VW	2-VW	2-VW	3-VW	3-VW	3-VW
	R134a	1-JW	2-JW	3-JW	3-JW	4-JW	4-JW	4-JW

**DIMENSIONS**



**MEDIUM TEMP**

MODELS	BM	15	19	22	26	32	37	44	52	57	62	66	76	86	
Air Throw	m	8.0	7.0	7.0	8.0	8.0	10.0	10.0	11.0	12.5	12.0	13.0	14.0	13.5	
Air Volume	CFM/CMH	l/sec	450	420	410	480	460	840	820	960	1260	1230	1300	1680	
Fan Motors	Ø 300mm	Num.	1	1	1	1	2	2	2	3	3	3	4	4	
		Watts	70	70	70	70	70	140	140	140	210	210	210	280	280
		Amps	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.6	0.9	0.9	0.9	1.2	1.2
Coil	Circuit Vol.	dm <sup>3</sup>	0.68	1.36	1.36	2.04	2.04	2.71	2.71	4.08	4.08	4.08	5.44	5.44	
		Connection	Dist Inlet	1/2	1/2	1/2	3/4	1/2	3/4	3/4	3/4	3/4	3/4	1/2	1/2
			F.Sw Suct Outlet	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	5/8	7/8	7/8
		fpi	8	6	8	6	8	6	8	6	6	6	8	6	6
Defrost (Option)	Watts	910	910	910	1150	1150	1680	1680	2010	2010	2010	2760	2760	2760	
Dimensions	L	606	606	606	797	797	988	988	1370	1370	1370	1752	1752	1752	
	A	412	412	412	603	603	794	794	1176	1176	1176	1558	1558	1558	
Net Weight	kg	11	12	12	15	15	21	21	26	29	30	35	38	40	

**LOW TEMP**

MODELS	BL	14	20	27	38	42	49	56	
Air Throw	m	6.5	8.0	9.0	10.0	11.5	12.0	13.5	
Air Volume	l/sec	420	480	840	960	1260	1300	1680	
Fan Motors	Ø 300mm	Num.	1	1	2	2	3	4	
		Watts	70	70	140	140	210	210	280
		Amps	0.3	0.3	0.6	0.6	0.9	0.9	1.2
Coil	Circuit Vol.	dm <sup>3</sup>	0.68	2.04	2.71	4.08	4.08	5.44	
		Connection	Dist Inlet	1/2	3/4	3/4	3/4	1/2	1/2
			F.Sw Suct Outlet	1/2	5/8	5/8	5/8	3/4	7/8
		Defrost	Watts	1360	1700	2380	2960	2960	4060
fpi	6	6	6	6	6	6	6		
Dimensions	L	606	797	988	1370	1370	1752	1752	
	A	412	603	794	1176	1176	1558	1558	
Net Weight	kg	14	18	24	31	34	41	44	

**CAPACITY CORRECTION**

BM @ C SST	BL @ C SST
5°   1.17	-20°   1.07
0°   1.07	-25°   0.99
-5°   0.99	-30°   0.89
-10°   0.93	-35°   0.80

**RELATIVE HUMIDITY GUIDE**

Temp Diff	R.H %	Temp Diff	R.H %
2K	94	10K	77
4K	89	12K	73
6K	84	14K	70
8K	81	16K	66

**NOTES:**

1. Air throw based on CRMA standard@ 20C  
Multiply figures by 0.94 for 2C and 0.87 for -18C
2. Fan motors 220-240V/1/50Hz
3. Defrost heaters 220-240V/1/50Hz  
Connect in Y for 380-420V/3/50Hz supply

Specifications subject to change without notice

The company reserves the right to make specification changes without notice 29/01/14

# Commercial Unit Coolers




- Optimised 3/8" Rifle Bore Tube Coils.
- Light Weight Alu Case and SS 304
- High Airflow External Rotor Motors.
- Reversible Drain Trays.
- Low Temp Heater Safety Klixon.


## P SERIES

2.2 21.5 kW

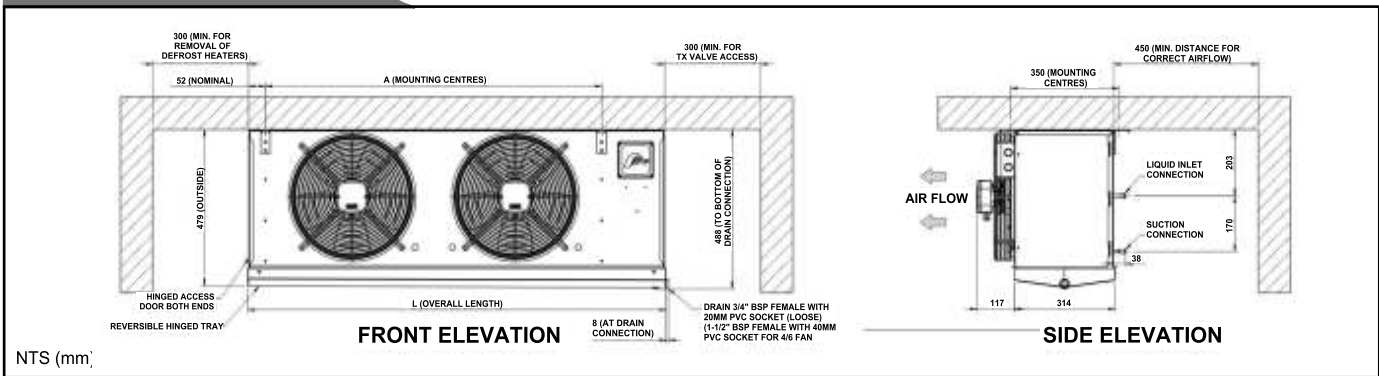
### MEDIUM TEMP

MODELS	PM	30	40	50	60	70	80	100	110	130	138	160	190	210
Capacity	R404A	3.03	4.17	5.04	6.09	7.17	8.28	10.65	11.28	13.29	14.34	16.38	19.41	21.48
kW @ 6 KTD -4C SST	R407F	3.18	4.38	5.28	6.39	7.53	8.70	11.16	11.85	13.95	15.06	17.19	20.37	22.53
	R22	2.97	4.08	4.92	5.97	7.02	8.10	10.44	11.04	13.02	14.04	16.05	19.02	21.06
	R134a	2.76	3.78	4.59	5.55	6.54	7.53	9.69	10.26	12.09	13.05	14.91	17.67	19.53
T.X Value	R404A	A-SW	A-SW	A-SW	B-SW	B-SW	C-SW	C-SW	C-SW	C-SW	C-SW	D-SW	D-SW	D-SW
SCE / ECE	R407F	AA-VW	A-VW	A-VW	A-VW	A-VW	A-VW	B-SW	B-SW	B-SW	B-SW	C-SW	C-SW	C-SW
	 R22	AA-VW	A-VW	A-VW	A-VW	A-VW	A-VW	B-SW	B-SW	B-SW	B-SW	C-SW	C-SW	C-SW
	R134a	AA-JW	AA-JW	A-JW	A-JW	A-JW	A-JW	B-JW	B-JW	C-JW	C-JW	C-JW	C-JW	D-JW

### LOW TEMP

MODELS	PL	22	30	45	60	70	80	95	120	130
Capacity	R404A	2.25	3.12	4.56	6.21	7.11	8.25	9.63	12.30	13.29
kW @ 6 KTD -24C SST	R407F	2.22	3.09	4.50	6.15	7.05	8.16	9.54	12.18	13.14
	R22	2.19	3.03	4.41	6.00	6.90	8.01	9.33	11.94	13.90
	R134a	1.92	2.64	3.87	5.28	6.03	7.02	8.19	10.44	11.31
T.X Value	R404A	A-SW	A-SW	B-SW	B-SW	C-SW	C-SW	D-SW	6-SW	6-SW
SCE / ECE & EBE	R407F	AA-VW	AA-VW	A-VW	A-VW	A-VW	B-VW	B-VW	C-VW	C-VW
	R22	AA-VW	AA-VW	A-VW	A-VW	A-VW	B-VW	B-VW	C-VW	C-VW
	 R134a	AA-JW	A-JW	A-JW	B-JW	C-JW	C-JW	C-JW	C-JW	C-JW

**DIMENSIONS**



NTS (mm)

**MEDIUM TEMP**

MODELS	PM	30	40	50	60	70	80	100	110	138	160	190	210
Air Throw	m	8.0	8.5	8.0	11.5	11.0	14.5	15.0	15.5	16.0	18.0	17.5	18.5
Air Volume	l/sec	860	875	790	1720	1550	1750	2320	2460	3100	3520	3180	4650
Fan Motors	Ø 350mm	Num.	1	1	1	2	2	2	3	3	4	4	4
		Watts	130	130	130	260	260	260	390	390	520	520	520
		Amps	0.58	0.58	0.58	1.16	1.16	1.16	1.74	1.74	2.32	2.32	2.32
Coil	Circuit Vol.	dm <sup>3</sup>	2.20	3.30	3.30	4.41	4.41	6.60	6.60	8.82	8.82	13.36	13.36
	Connection	DistInlet	1/2	1/2	1/2	1/2	1/2	5/8	5/8	7/8	7/8	7/8	7/8
	F.Sw Suct Outlet		3/4	3/4	3/4	7/8	7/8	7/8	7/8	1-1/8	1-1/8	1-3/8	1-3/8
		fpi	6	6	8	6	8	6	6	6	6	6	8
Defrost	Watts	1500	2090	2090	2590	2590	3620	3620	3650	3650	5410	5410	5410
Dimensions	L	799	1051	1051	1309	1309	1813	1813	2329	2329	3349	3349	3349
	A	540	792	792	1050	1050	1554	1554	2070	2070	3090	3090	3090
Net Weight	kg	19	22	23	29	30	44	50	61	66	72	73	82

**LOW TEMP**

MODELS	PL	22	30	45	60	70	80	95	120	130
Air Throw	m	8.0	8.5	11.5	12.5	14.0	15.0	16.0	17.0	18.0
Air Volume	l/sec	775	790	1550	1580	2095	2220	2800	3180	4200
Fan Motors	Ø 350mm	Num.	1	1	2	2	3	3	4	4
		Watts	130	130	260	260	390	390	520	520
		Amps	0.58	0.58	1.16	1.16	1.74	1.74	2.32	2.32
Coil	Circuit Vol.	dm <sup>3</sup>	2.20	3.30	4.41	6.60	6.60	8.82	8.82	13.36
	Connection	DistInlet	1/2	1/2	1/2	5/8	5/8	7/8	7/8	7/8
	F.Sw Suct Outlet		3/4	3/4	7/8	7/8	7/8	1-1/8	1-1/8	1-3/8
		fpi	6	6	6	6	6	6	6	6
Defrost	Watts	2400	3200	4120	5780	5780	7300	7300	10820	10820
Dimensions	L	799	1051	1309	1813	1813	2329	2329	3349	3349
	A	540	792	1050	1554	1554	2070	2070	3090	3090
Net Weight	kg	20	32	29	45	50	60	65	75	83

**CAPACITY CORRECTION**

PMN @ C SST		PLN @ C SST	
5°	1.17	-20°	1.07
0°	1.07	-25°	0.99
-5°	0.99	-30°	0.89
-10°	0.93	-35°	0.80

**RELATIVE HUMIDITY GUIDE**

Temp Diff	R.H %	Temp Diff	R.H %
2K	94	10K	77
4K	89	12K	73
6K	84	14K	70
8K	81	16K	66

**NOTES:**

- Air throw based on CRMA standard @ 20C  
Multiply figures by 0.94 for 2C and 0.87 for -18C
- Fan motors 220-240V/1/50Hz
- Defrost heaters 220-240V/1/50Hz  
Connect in Y for 380-420V/3/50Hz supply

Specifications subject to change without notice

The company reserves the right to make specification changes without notice 10/02/14

# Commercial Unit Coolers




- Optimised 3/8" Rifle Bore Tube Coils.
- Light Weight GI Case and SS 304
- High Airflow External Rotor Motors.
- Reversible Drain Trays.
- Low Temp Heater Safety Klixon.


## R SERIES

3 25 kW

### MEDIUM TEMP

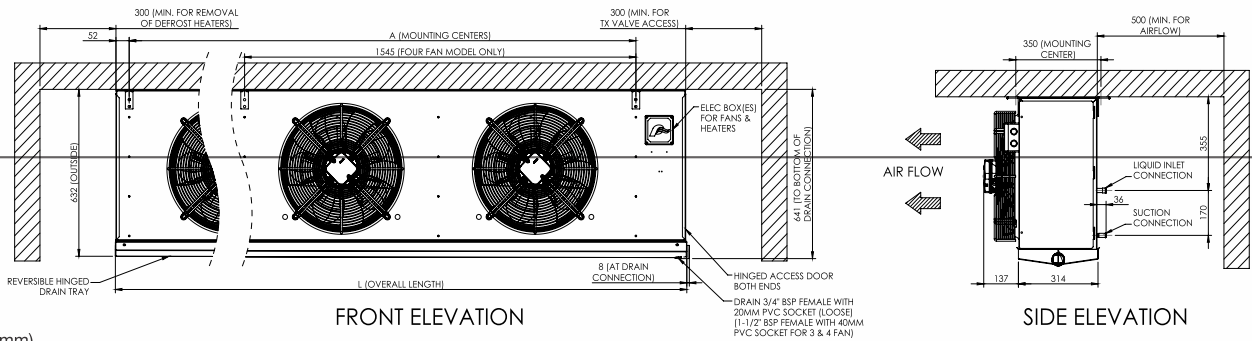
MODELS	RM	40	50	60	90	105	125	120	145	165	180	215	245
Capacity	R404A	4.20	5.13	5.94	8.97	10.77	12.27	12.03	14.52	16.56	18.06	21.75	24.84
kW @ 6 KTD -4°C SST	R407F	4.41	5.40	6.24	9.42	11.31	12.87	12.63	15.24	17.37	18.96	22.83	26.07
	R22	4.11	5.01	5.82	8.76	10.50	12.00	11.76	14.22	16.20	17.70	21.30	24.30
	R134a	3.72	4.50	5.22	7.92	9.48	10.83	10.62	12.78	14.61	15.96	19.20	21.93
T.X Valve	R404A	1SC	1-1/4SC	1-1/2SC	2SC	3-1/2SC	3-1/2SC	3-1/2SC	3-1/2SC	3-1/2SC	5SC	5SC	7SC
HFKESC 	R407F	1HC	1-1/2HC	1-1/2HC	2HC	2-1/2HC	3HC	3HC	3HC	5-1/2HC	5-1/2HC	5-1/2HC	8HC
	R22	1HC	1-1/2HC	1-1/2HC	2HC		3HC	3HC	3HC	5-1/2HC	5-1/2HC	5-1/2HC	8HC
	R134a	1MC	1MC	1-1/2MC	1-3/4MC	2-1/2MC	2-1/2MC	2-1/2MC	4MC	4MC	4MC	6MC	6MC

### LOW TEMP

MODELS	RL	35	40	70	80	95	110	140	170
Capacity	R404A	3.42	4.26	7.20	8.37	9.51	11.16	14.19	16.95
kW @ 6 KTD -24°C SST	R407F	3.39	4.20	7.11	8.28	9.42	11.04	14.04	16.77
	R22	3.33	4.17	7.02	8.16	9.27	10.89	13.86	16.56
	R134a	2.91	3.63	6.12	7.11	8.07	9.48	12.06	14.40
T.X Valve	R404A	1-1/4SZ	1-1/4SZ	2SZ	3-1/2SZ	3-1/2SZ	3-1/2SZ	5SZ	5SZ
HFKESC 	R407F	1HC	1-1/2HC	2HC	2-1/2HC	3HC	3HC	5-1/2HC	5-1/2HC
	R22	1HC	1-1/2HC	2HC	2-1/2HC	3HC	3HC	5-1/2HC	5-1/2HC
	R134a	1MC	1-1/2MC	2-1/2MC	2-1/2MC	4MC	4MC	4MC	6MC



**DIMENSIONS**



NTS (mm)  
Accessories not shown

**MEDIUM TEMP**

MODELS	RM	40	50	60	90	105	125	120	145	165	180	215	245	
Air Thr ow	m	11.1	11.0	10.9	13.1	13.0	12.9	14.6	14.5	14.4	16.1	16.0	15.9	
Air V olume	l/sec	1989	1931	1890	3978	3863	3781	5370	5214	5104	7956	7726	7562	
Fan Motors	Ø 450mm	Num.	1	1	1	2	2	2	3	3	3	4	4	4
		Watts	250	250	250	500	500	500	750	750	750	1000	1000	1000
		Amps	1.2	1.2	1.2	2.4	2.4	2.4	3.6	3.6	3.6	4.8	4.8	4.8
Coil	Circuit V ol.	dm <sup>3</sup>	4.46	4.46	4.46	8.92	8.92	8.92	11.94	11.94	11.94	17.91	17.91	17.91
		Connection	Dist Inlet	1/2"	1/2"	1/2"	5/8"	5/8"	5/8"	7/8"	7/8"	7/8"	7/8"	7/8"
	F.Sw	Suct Outlet	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-1/8"	1-3/8"	1-3/8"	1-3/8"
	fpi		4	6	8	4	6	8	4	6	8	4	6	8
Defrost	Watts		2090	2090	2090	3620	3620	3620	3650	3650	3650	5410	5410	5410
Dimensions	L	1051	1051	1051	1813	1813	1813	2329	2329	2329	3349	3349	3349	
	A	792	792	792	1554	1554	1554	2070	2070	2070	3090	3090	3090	
Net Weight	kg	75	75	75	85	85	85	95	95	95	105	105	105	

**LOW TEMP**

MODELS	RL	35	40	70	80	95	110	140	170	
Air Thr ow	m	11.1	11.0	13.1	13.0	14.6	14.5	16.1	16.0	
Air V olume	l/sec	1790	1737	3580	3476	4833	4594	7160	6954	
Fan Motors	Ø 450mm	Num.	1	1	2	2	3	3	4	4
		Watts	250	250	500	500	750	750	1000	1000
		Amps	1.2	1.2	2.4	2.4	3.6	3.6	4.8	4.8
Coil	Circuit V ol.	dm <sup>3</sup>	4.46	4.46	8.92	8.92	11.94	11.94	17.91	17.91
		Connection	Dist Inlet	1/2"	1/2"	5/8"	5/8"	7/8"	7/8"	7/8"
	F.Sw	Suct Outlet	3/4"	3/4"	7/8"	7/8"	1-1/8"	1-1/8"	1-3/8"	1-3/8"
	fpi		4	6	4	6	4	6	4	6
Defrost	Watts		3200	3200	5780	5780	7300	7300	10820	10820
Dimensions	L	1051	1051	1813	1813	2329	2329	3349	3349	
	A	792	792	1554	1554	2070	2070	3090	3090	
Net Weight	kg	76	76	86	86	96	96	106	106	

**CAPACITY CORRECTION**

RM @ °C SST	RL @ °C SST	RM @ °C SST	RL @ °C SST
5°	1.17	-20°	1.07
0°	1.07	-25°	0.99
-5°	0.99	-30°	0.89
-10°	0.93	-35°	0.80

**RELATIVE HUMIDITY GUIDE**

Temp Dif f	R.H %	Temp Dif f	R.H %
2K	94	10K	77
4K	89	12K	73
6K	84	14K	70
8K	81	16K	66

**NOTES:**

- Air throw based on CRMA standard @ 20°C  
Multiply figures by 0.94 for 2°C and 0.87 for -18°C
- Fan motors 220-240V/1/50Hz
- Defrost heaters 220-240V/1/50Hz  
Connect in Y for 380-420V/3/50Hz supply

Specifications subject to change without notice



# Commercial Unit Coolers



- Optimised 3/8" Rifle Bore Tube Coils.
- Light Weight GI Case and SS 304
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- Reversible Drain Trays.
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## JC SERIES

10 60 kW

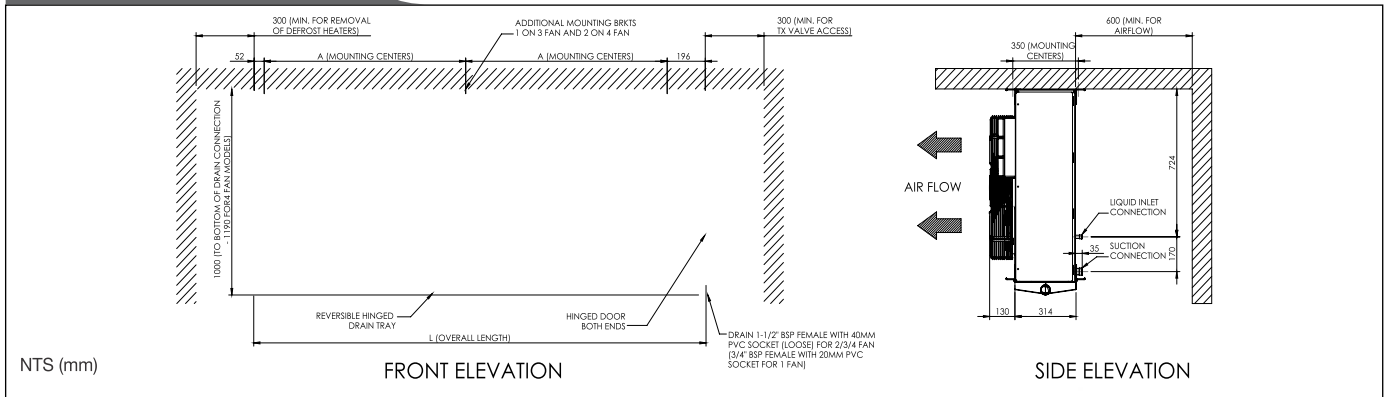
### MEDIUM TEMP

MODELS	JMC	140	155	230	275	305	340	410	450	545	605
Capacity	R404A	13.65	15.09	22.53	27.30	29.94	33.75	40.95	45.03	54.45	60.09
kW @ 6 KTD -4°C SST	R407F	14.31	15.84	23.64	28.65	31.38	35.25	42.99	47.28	57.15	63.06
	R22	13.41	14.70	22.11	26.97	29.37	33.12	41.16	44.19	53.46	58.95
	R134a	12.42	13.71	20.49	24.84	27.24	30.69	37.26	40.98	49.56	54.66
T.X Valve	R404A	3-1/2SC	3-1/2SC	5SC	7SC	7SC	10SC	10SC	10SC	13SC	13SC
HFKESC	R407F	3HC	5-1/2HC	5-1/2HC	8HC	8HC	8HC	10HC	15HC	15HC	15HC
	R22	3HC	3HC	5-1/2HC	8HC	8HC	8HC	10HC	10HC	15HC	15HC
	R134a	4MC	4MC	6MC	6MC	6MC	7-1/2MC	11MC	11MC	11MC	14MC

### LOW TEMP

MODELS	JLC	100	175	220	260	330	435
Capacity	R404A	10.92	17.07	21.87	25.59	32.76	43.68
kW @ 6 KTD -24°C SST	R407F	10.80	16.89	21.60	25.32	32.43	43.23
	R22	10.71	16.74	21.42	25.11	32.10	42.81
	R134a	9.27	14.52	18.60	21.75	27.84	37.11
T.X Valve	R404A	3-1/2SZ	5SZ	7SZ	10SZ	10SZ	13SZ
HFKESC	R407F	3HC	5-1/2HC	8HC	8HC	10HC	15HC
	R22	3HC	5-1/2HC	8HC	8HC	10HC	15HC
	R134a	4MC	6MC	6MC	7-1/2MC	11MC	14MC

**DIMENSIONS**



**MEDIUM TEMP**

MODELS	JMC	140	155	230	275	305	340	410	450	545	605	
Air Thr ow	m	27.0	26.0	29.0	28.0	27.0	31.0	30.0	30.0	31.0	30.0	
Air V olume	l/sec	3730	3447	7923	7460	6893	11884	11190	10339	14920	13786	
Fan Motors	Ø 630mm	Num.	1	1	2	2	2	3	3	4	4	
		Watts	1900	1900	3800	3800	3800	5700	5700	7600	7600	
		Amps	3.60	3.60	7.2	7.2	7.2	10.8	10.8	14.4	14.4	
Coil	Circuit V ol.	dm <sup>3</sup>	20.76	20.76	27.68	41.52	41.52	41.52	62.29	62.29	83.05	
	Connection	Dist Inlet	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	7/8"	7/8"
		F.Sw Suct Outlet	1-3/8"	1-3/8"	1-3/8"	1-3/8"	1-3/8"	1-5/8"	1-5/8"	1-5/8"	2-1/8"	2-1/8"
		fpi	5	7	5	5	7	5	5	7	5	7
	Defrost	W atts	4120	4120	6450	6450	6450	9490	9490	9490	10420	10420
Dimensions	L	1306	1306	2326	2326	2326	3346	3346	3346	3686	3686	
	A	1050	1050	1036	1036	1036	1036	1036	1036	1716	1716	
Net W eight	kg	96	112	128	171	207	189	251	299	348	401	

**LOW TEMP**

MODELS	JLC	100	175	220	260	330	435	
Air Thr ow	m	26.0	28.0	27.0	30.0	31.0	32.0	
Air V olume	l/sec	3730	7923	7460	11884	11190	14920	
Fan Motors	Ø 630mm	Num.	1	2	2	3	4	
		Watts	1900	3800	3800	5700	5700	7600
		Amps	3.60	7.2	7.2	10.8	10.8	14.4
Coil	Circuit V ol.	dm <sup>3</sup>	20.76	27.68	41.52	41.52	62.29	83.05
	Connection	Dist Inlet	1/2"	5/8"	5/8"	5/8"	5/8"	7/8"
		F.Sw Suct Outlet	1-3/8"	1-3/8"	1-3/8"	1-5/8"	1-5/8"	2-1/8"
		fpi	5	5	5	5	5	5
	Defrost	W atts	7180	12900	12900	18980	18980	20840
Dimensions	L	1306	2326	2326	3346	3346	3686	
	A	1050	1036	1036	1036	1036	1716	
Net W eight	kg	102	136	179	199	261	338	

**CAPACITY CORRECTION**

JMC @ °C SST	JLC @ °C SST
5°	1.17
0°	1.07
-5°	0.99
-10°	0.93

**RELATIVE HUMIDITY GUIDE**

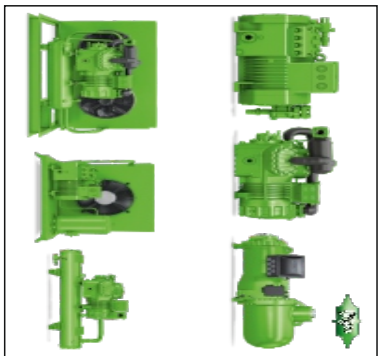
Temp Dif f	R.H %	Temp Dif f	R.H %
2K	94	10K	77
4K	89	12K	73
6K	84	14K	70
8K	81	16K	66

**NOTES:**

- Air throw based on CRMA standard @ 20°C  
Multiply figures by 0.94 for 2°C and 0.87 for -18°C
- Fan motors 380-420V/3/50Hz
- Defrost heaters 220-240V/1/50Hz.  
Connect in Y for 380-420/3/50 supply

Specifications subject to change without notice

The company reser



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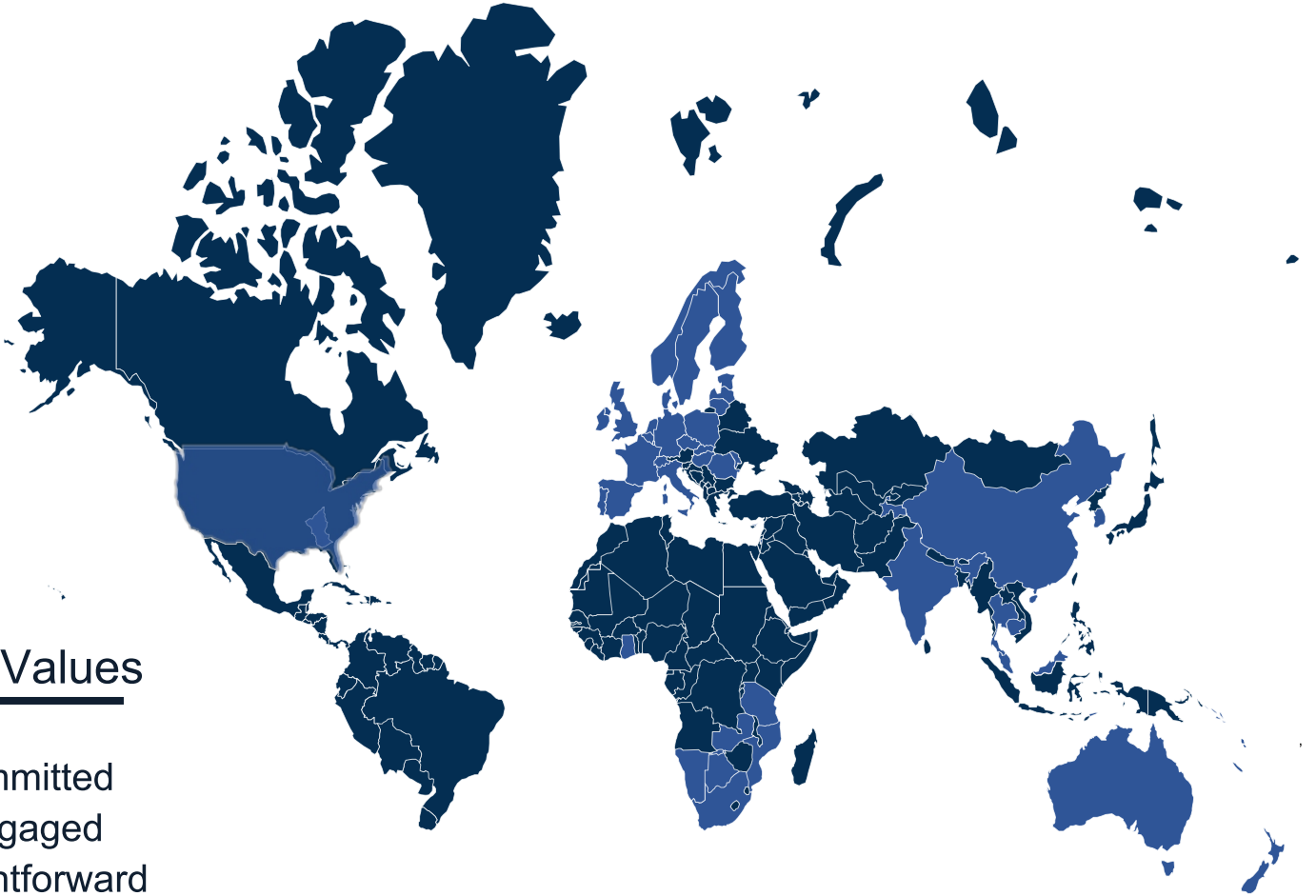
## India

## OUR PRODUCTS



# BEIJER REF

India



## Our Values

Committed  
Engaged  
Straightforward  
United

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Chennai, 600002

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