

## TR-DTM:

### *Anti-corrosion and Antimicrobial coating for HVAC coil*

**Product Number:** 70—CHEM0011

**Application:** Onsite spray-coating

**Colour:** High gloss blue

**Features:** Environmental friendly - water based, non-flammable, non-toxic  
 Extremely effective adhesion on metal surface and easily air-dried  
 Re-applicable  
 Improves airflow and heat exchanger performance  
 Very thin deposited film (< 10 micron)  
 UV resistance, antimicrobial, and coil block prevention

**Certificates:** ASTM B117 Neutral Salt Spray Test (≤ 10,000 hrs.)  
 ASTM G85 Modified Salt Spray Test (≤ 3,000 hrs.)  
 ASTM G21—Antimicrobial & G22-Fungi resistance tests (PASS)  
 ASTM 5894 UV Resistance (PASS)

**Size:** Available in 5 litre-tin

**List Price:** 22,000 THB. / tin



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## Technical Data TR-DTM (as used in HVAC/Ref. Coil Protection)

FEATURE	TR-DTM
Water based	YES
Flammable	No
Toxic	No
Low VOC	Y/Very low at 85g/Litre
Solvent additions	Water ONLY
Clean up	Water
Storage	Easy/safe
Product shelf life	Not affected by storage
OEM Spray application	Yes airdried
Application on Field coils	Yes/up to very large coils
Re-Application on Field coils	Yes/multiple
Adhesion to coil components	Excellent/Self etching
Thickness of deposited film	< 10 microns
Airflow	Improved
Heat exchange	No Impact
Penetration of coil block	Y/100
Penetration of fin collar/tube zones	YES/Complete
Can be used on MICROCHANNEL	YES
Flexibility	High
Finish	High Gloss high quality
Anti-Microbial	YES
UV Resistant	HIGHLY
SUPER Hydrophobic	YES/Contact Angle >152
ASTM B117 Neutral	<10 000 Hrs
ASTM G85 A1-A5 ON COIL	<3000 hrs
ASTM G21 G22	PASS
ASTM 5894 UV Resistance	PASS
AIRDRY	YES

Faraday cage = does not coat uniformly/near corners, deep inside coil, etc.

## TR-DTM : Anti-corrosion and Antimicrobial Coating for HVAC coil **\*\* (On-Site ONLY)\*\***

TR-DTM คือ ผลิตภัณฑ์สารเคลือบคอยล์สูตรพิเศษที่มีคุณสมบัติ Hydrophobic & Antimicrobial (silver ion) ที่จะช่วยปกป้องคอยล์ร้อนและคอยล์เย็นให้มีอายุยาวนานและทำงานได้อย่างมีประสิทธิภาพ จากการฟุ้งกระจายจากสภาพแวดล้อมพื้นที่ใช้งานที่มีความเป็นกรดสูง เช่น พื้นที่ชายทะเล และอุตสาหกรรมเคมีต่างๆ และในขณะเดียวกัน TR-DTM ยังมีคุณสมบัติยับยั้งการเจริญเติบโตของไบโอฟิล์มได้อีกด้วย

### Certificates:

- ASTM B117 Neutral Salt Spray, Test (≤ 10,000 hrs.)
- ASTM G85 Modified Salt Spray, Test (≤ 3,000 hrs.)
- ASTM G21-Antimicrobial & G22-Fungi resistance tests (PASS)
- ASTM 5894 UV Resistance (PASS)

### หมายเหตุ

1. ราคานี้เป็นราคาเฉพาะน้ำยา TR-DTM ต่อรุ่นคอยล์ร้อน หรือ คอยล์เย็น สำหรับใช้ On-site เท่านั้น (ไม่รวมราคาคอยล์)
2. หากต้องการตั้งคอยล์ใหม่พร้อมเคลือบสารป้องกันฟุ้งกระจายสำเร็จจากโรงงาน โปรดติดต่อเซลล์ที่ดูแล
3. ราคานี้ยังไม่รวมค่าแรงคอยล์ และไม่รวมค่าแรงการพ่นเคลือบ TR-DTM
4. หากต้องการพ่นเคลือบคอยล์พื้นที่นอกจ. กรุงเทพฯ และเขตปริมณฑล หรือลักษณะพื้นที่หน้างานมีลักษณะพิเศษ โปรดติดต่อเพื่อขอข้อมูลเพิ่มเติม
5. หากต้องการข้อมูลเพิ่มเติม กรุณาติดต่อตัวแทนจำหน่าย หรือศูนย์อะไหล่โทร 0-2761-1111 ต่อ 6701-6715

### NEW STYLUS-5

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK 512LB5	MCX 512GB5W	13,100	3,800	5,500	9,300
2	TTK 512LB5	MCX 512GB5R	13,100	3,800	5,500	9,300
3	TTK 518LB5 (F)	MCX 518GB5W	18,400	4,600	5,500	10,100
4	TTK 518LB5 (F)	MCX 518GB5R	18,400	4,600	5,500	10,100
5	TTK 518LB5 (G)	MCX 518GB5W	20,100	4,600	5,500	10,100
6	TTK 518LB5 (G)	MCX 518GB5R	20,100	4,600	5,500	10,100
7	TTK 524LB5	MCX 524GB5W	25,300	4,600	6,600	11,200
8	TTK 524LB5	MCX 524GB5R	25,300	4,600	6,600	11,200
9	TTK 530KB5	MCX 530GB5W	30,100	6,900	7,800	14,700
10	TTK 530KB5	MCX 530GB5R	30,100	6,900	7,800	14,700
11	TTK 536KB5(1Ph)	MCX 536GB5W	37,100	8,200	8,500	16,700
12	TTK 536KB5(1Ph)	MCX 536GB5R	37,100	8,200	8,500	16,700
13	TTK 536KD5(3Ph)	MCX 536GB5W	37,300	8,200	8,500	16,700
14	TTK 536KD5(3Ph)	MCX 536GB5R	37,300	8,200	8,500	16,700
15	TTK 042KD5	MCX 042GB5W	40,900	9,600	9,500	19,100
16	TTK 042KD5	MCX 042GB5R	40,900	9,600	9,500	19,100

## NEW STYLUS-R

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK 512LB	MCX 512GB(R)	12,000	3,800	5,500	9,300
2	TTK 515LB	MCX 518GB(R)	15,000	4,600	5,500	10,100
3	TTK 518LB	MCX 518GB(R)	18,000	4,600	5,500	10,100
4	TTK 524LB	MCX 524GB(R)	24,000	4,600	6,600	11,200
5	TTK 530KB	MCX 530GB(R)	30,000	6,900	7,800	14,700
6	TTK 536KB(1Ph)	MCX 536GB(R)	36,000	8,200	8,500	16,700
7	TTK 536KD(3Ph)	MCX 536GB(R)	36,000	8,200	8,500	16,700
8	TTK 042KD	MCX 042GB(R)	42,000	9,600	9,500	19,100
9	TTK 048KD	MCX 048GB(R)	48,000	12,000	9,500	21,500
10	TTK 060KD	MCX 060GB(R)	60,000	14,100	10,800	24,900

## NEW STYLUS-W

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK 512LB	MCX 512GB(W)	12,000	3,800	5,500	9,300
2	TTK 515LB	MCX 518GB(W)	15,000	4,600	5,500	10,100
3	TTK 518LB	MCX 518GB(W)	18,000	4,600	5,500	10,100
4	TTK 524LB	MCX 524GB(W)	24,000	4,600	6,600	11,200
5	TTK 530KB	MCX 530GB(W)	30,000	6,900	7,800	14,700
6	TTK 536KB(1Ph)	MCX 536GB(W)	36,000	8,200	8,500	16,700
7	TTK 536KD(3Ph)	MCX 536GB(W)	36,000	8,200	8,500	16,700
8	TTK 042KD	MCX 042GB(W)	42,000	9,600	9,500	19,100
9	TTK 048KD	MCX 048GB(W)	48,000	12,000	9,500	21,500
10	TTK 060KD	MCX 060GB(W)	60,000	14,100	10,800	24,900

## COOL PLUS#5

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK 512RB5	MCX 512HB5	12,200	3,800	5,500	9,300
2	TTK 518RB5	MCX 518HB5	20,100	4,600	5,500	10,100
3	TTK 524LB5	MCX 524HB5	24,700	4,600	6,600	11,200
4	TTK 530KB5	MCX 530HB5	30,000	7,600	8,500	16,100
5	TTK 536KB5(1Ph)	MCX 536HB5	37,600	8,200	8,500	16,700
6	TTK 536KD5(3Ph)	MCX 536HB5	36,200	8,200	8,500	16,700
7	TTK 042KD5	MCX 042HB5	40,100	9,600	9,500	19,100

## COOL PLUS-STANDARD

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK 042QD	MCX 042HB	42,000	9,600	9,500	19,100
2	TTK 048QD	MCX 048HB	48,000	12,000	9,500	21,500
3	TTK 060QD	MCX 060HB	60,000	14,100	10,800	24,900

## CASSETTE

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK518LB	MCC5181B	18,000	4,600	9,000	13,600
2	TTK524PB	MCC5241B	24,000	4,600	9,000	13,600
3	TTK530KB	MCC5301B	30,000	6,900	9,000	15,900
4	TTK 536KB(1Ph)	MCC5361B	34,000	8,200	11,300	19,500
5	TTK 536KD(3Ph)	MCC5361B	34,000	8,200	11,300	19,500

## MCD #5

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK509PB5	MCD009AA5	10,500	3,800	4,300	8,100
2	TTK512LB5	MCD012AA5	13,400	3,800	4,300	8,100
3	TTK518LB5	MCD018AA5	18,000	4,600	5,000	9,600
4	TTK524LB5	MCD024AA5	25,300	4,600	5,700	10,300
5	TTK530KB5	MCD030EB5	31,000	6,900	5,400	12,300
6	TTK 536KB5(1Ph)	MCD036EB5	37,000	8,200	6,700	14,900
7	TTK 536KD5(3Ph)	MCD036EB5	36,600	8,200	6,700	14,900
8	TTK042KD5	MCD042EB5	40,900	9,600	8,700	18,300

## MCD LOW STATIC

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK512LB	MCD012AA	12,000	3,800	4,300	8,100
2	TTK515LB	MCD018AA	15,000	4,600	5,000	9,600
3	TTK518LB	MCD018AA	18,000	4,600	5,000	9,600
4	TTK518LB	MCD024AA	20,200	4,600	5,700	10,300
5	TTK524LB	MCD024AA	24,000	4,600	5,700	10,300
6	TTK530KB	MCD030EB	30,000	6,900	5,400	12,300
7	TTK530KB	MCD036EB	33,000	7,500	6,000	13,500
8	TTK 536KB(1Ph)	MCD036EB	36,000	8,200	6,700	14,900
9	TTK 536KD(3Ph)	MCD036EB	36,000	8,200	6,700	14,900

## MCD HIGH STATIC

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK530KB	MCD030DB	30,000	6,900	5,400	12,300
2	TTK530KB	MCD036DB	33,000	6,900	6,000	12,900
3	TTK 536KB(1Ph)	MCD036DB	36,000	8,200	6,700	14,900
4	TTK 536KD(3Ph)	MCD036DB	36,000	8,200	6,700	14,900
5	TTK042KD	MCD048DB	42,000	9,600	8,700	18,300
6	TTK048KD	MCD048DB	50,000	12,000	8,700	20,700
7	TTK048KD	MCD060DB	53,000	12,000	9,500	21,500
8	TTK060KD	MCD060DB	60,000	14,100	9,500	23,600

## MCD LOW STATIC QB

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK512QB	MCD012AA	12,000	3,800	4,300	8,100
2	TTK515QB	MCD018AA	15,000	4,600	5,000	9,600
3	TTK518QB	MCD018AA	18,000	4,600	5,000	9,600
4	TTK518QB	MCD024AA	20,200	4,600	5,700	10,300
5	TTK524QB	MCD024AA	24,000	4,600	5,700	10,300
6	TTK530QB	MCD030EB	30,000	6,900	5,400	12,300
7	TTK530QB	MCD036EB	33,000	6,900	6,000	12,900
8	TTK536QB(1Ph)	MCD036EB	36,000	8,200	6,700	14,900
9	TTK536QD(3Ph)	MCD036EB	36,000	8,200	6,700	14,900

## MCD HIGH STATIC QB

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK530QB	MCD030DB	30,000	6,900	5,400	12,300
2	TTK530QB	MCD036DB	33,000	7,500	6,000	13,500
3	TTK536QB(1Ph)	MCD036DB	36,000	8,200	6,700	14,900
4	TTK536QD(3Ph)	MCD036DB	36,000	8,200	6,700	14,900
5	TTK042QD	MCD048DB	42,000	9,600	8,700	18,300
6	TTK048QD	MCD048DB	50,000	12,000	8,700	20,700
7	TTK048QD	MCD060DB	53,000	12,000	9,500	21,500
8	TTK060QD	MCD060DB	60,000	14,100	9,500	23,600

## YUKON K

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK 536KB(1Ph)	MCV036BB	36,000	8,200	9,200	17,400
2	TTK 536KD(3Ph)	MCV036BB	36,000	8,200	9,200	17,400
3	TTK042KD	MCV048BB	42,000	9,600	9,200	18,800
4	TTK048KD	MCV048BB	48,000	12,000	9,200	21,200
5	TTK060KD	MCV060BB	60,000	14,100	11,300	25,400

## YUKON Q

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK536QB(1Ph)	MCV036BB	36,000	8,200	9,200	17,400
2	TTK536QD(3Ph)	MCV036BB	36,000	8,200	9,200	17,400
3	TTK042QD	MCV048BB	42,000	9,600	9,200	18,800
4	TTK048QD	MCV048BB	48,000	12,000	9,200	21,200
5	TTK060QD	MCV060BB	60,000	14,100	11,300	25,400
6	TTA075RD	MCV090BB	75,000	14,000	13,600	27,600
7	TTA100RD	MCV090BB	100,000	17,600	13,800	31,400
8	TTA120RD	MCV120BB	120,000	25,700	21,500	47,200
9	TTA150RD	2xMCV090BB	150,000	29,500	36,300	65,800
10	TTA180RD	2xMCV090BB	180,000	36,500	36,300	72,800
11	TTA200RD	2xMCV090BB	195,000	36,500	36,300	72,800
12	TTA240RD	2xMCV120BB	240,000	38,500	43,000	81,500

## ODYSSEY

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTK060QD	TTH060BD	60,000	14,100	9,700	23,800
2	TTA075RD	TTH075BD	75,000	14,000	11,100	25,100
3	TTA100RD	TTH100BD	100,000	17,600	14,000	31,600
4	TTA120RD	TTH120BD/ TWE120CD	121,000	25,700	18,300	44,000
5	TTA150RD	TTH160BD/ TWE160CD	156,000	29,500	25,700	55,200
6	TTA180RD	TTH180BD/ TWE180CD	181,000	36,500	25,700	62,200
7	TTA200RD	TTH210BD/ TWE210CD	205,000	36,500	34,000	70,500
8	TTA240RD	TTH240BD/ TWE240CD	243,000	38,500	42,700	81,200

## ODYSSEY R407C

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	TTA075ED	TTH075ED	75,000	14,000	11,100	25,100
2	TTA100ED	TTH100ED	100,000	17,600	14,000	31,600
3	TTA120ED	TTH120ED/ TWE120ED	120,000	25,700	18,300	44,000
4	TTA150ED	TTH160ED/ TWE160ED	150,000	29,500	25,700	55,200
5	TTA180ED	TTH180ED/ TWE180ED	180,000	36,500	25,700	62,200
6	TTA200ED	TTH210ED/ TWE210ED	200,000	36,500	34,000	70,500
7	TTA240ED	TTH240ED/ TWE240ED	240,000	38,500	42,700	81,200

## RAUP-TTV

ITEM	MODEL		BTU/HR	PRICE OF TR-DTM		
	CONDENSING	FAN COIL		for CDU COIL	for FCU COIL	TOTAL PRICE (THB)
1	RAUP 250	TTV250	278,000	32,900	34,700	67,600
2	RAUP 300	TTV250	320,000	36,200	34,700	70,900
3	RAUP 300	TTV300	333,000	36,200	38,800	75,000
4	RAUP 400	TTV300	388,000	44,500	38,800	83,300
5	RAUP 400	TTV400	421,000	44,500	50,400	94,900
6	RAUP 500	TTV400	504,000	61,700	71,900	133,600
7	RAUP 500	TTV500	541,000	61,700	71,900	133,600
8	RAUP 600	TTV500	622,000	69,600	71,900	141,500
9	RAUP 600	TTV600	658,000	69,600	77,000	146,600