

..... Warm Welcome

To

SNC ***FORMER PUBLIC COMPANY LIMITED***

SNCGroup

The International Leader in Production of
Industrial Components & Parts (Metal and Plastic)

The Global OEM (Original Equipment Manufacturer) for
Air Conditioners, Freezers, Other Electric Appliances

In Business Since 1981 (2524)

	<i>SNC</i>	<i>SPEC</i>	<i>SSTC</i>
Name	SNC Former Plc.	SNC Pyongsan Evolution Co., Ltd.	SNC Santec Co., Ltd.
Found	1994 (2537) Listed 2004 (2547)	2005 (2548)	2007 (2550)
Capital	8.60 M USD 301 M THB	6.28 M USD 220 M THB	570K USD 20 M THB
Location	Samutprakarn Chonburi	Rayong	Samutprakarn
Business	<ul style="list-style-type: none"> • Manufacture Industrial Components & Parts • OEM – Air Conditioners 	<ul style="list-style-type: none"> • Manufacture Industrial Components & Parts • OEM – Air Conditioners • OEM - Freezers 	<ul style="list-style-type: none"> • Mould & Die • Automation Machines

1

2

3

WHAT WE DO

4

1

Design & Manufacture Industrial Components & Parts

Aluminum & Copper Piping, Sheet Metal, Heat Exchanger, Plastic Injection

2

Design & Manufacture Moulds & Dies

Metal, Plastic

3

Design & Manufacture Automation Machines & Equipments

Assembly Lines, Production Lines

4

Original Equipment Manufacturer (OEM)

Air Conditioners, Freezers, Other Electric Appliances

WHO ARE OUR CUSTOMERS

5

Pipe & Tube

Sheet Metal Fabrication
Sheet Metal Fabrication
Metal Parts
Machining Parts
Stamping Parts
Press Parts

Powder Painting
Wet Painting

Stamping Mould
Plastic Injection Mould

Injection Plastic Parts
Plastic Blowers Parts

OEM – Air Conditioner
OEM – Freezer

END MARKET

Automotive

Air Conditioners

Compressor

Refrigerator

Freezer

Heating Machine

Laundry Machine

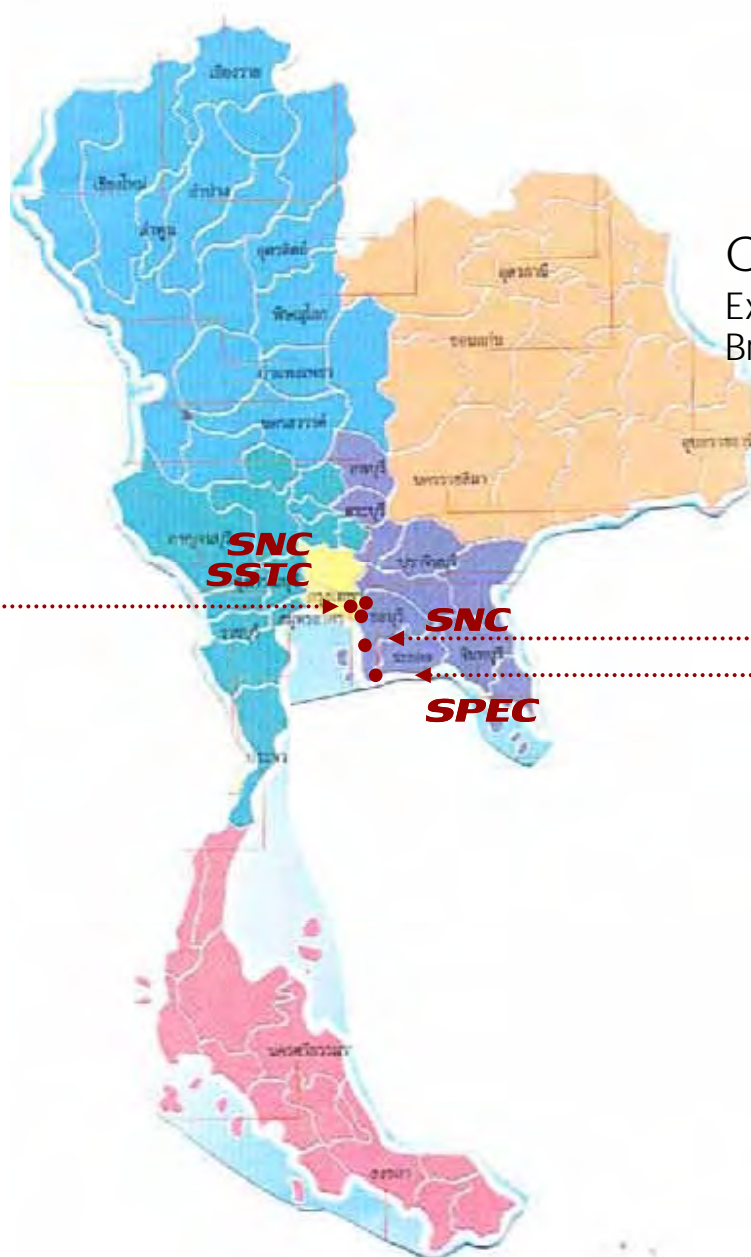
Microwave

Home Appliances

Telecommunication

WHERE WE ARE IN THAILAND

6



Chonburi
Export Processing Zone
Branch #4



Samutprakarn
Headquarter
Branch #1 - #3



Rayong
SPEC

EXECUTIVE MANAGEMENT TEAM

7

SNC GROUP

Chairman of Executive Committee

Mr.Somchai Thaisanguanvorakul



SNC

Mr. Samitt (MD)



SPEC

Mr. Somboon (MD)



SSTC

Mr. Wichit (MD)



Mr. Kodama (Co-MD)



Mr. Takahashi (Co-MD)

CERTIFICATION

8



May 11, 2005	Certified ISO 9000 : 2000
Feb 20, 2007	Certified ISO 14001: 2004
Apr 30, 2008	Certified ISO / TS 16949 – Second Edition
In Process	SA 8000 (Social Accountability)
In Process	TQA (Thailand Quality Award)

FACILITIES

9

	SNC Headquarter And SSTC	SNC	SNC	SPEC	TOTAL SNC GROUP
Location	Bangplee Samutprakarn	Ladwai Samutprakarn	Laemchabang Chonburi	Rayong	
Property Area	11 Rai	4 Rai	50 Rai	74 Rai	139 Rai
	4.50 Acres	1.50 Acres	19.50 Acres	29.50 Acres	55 Acres
	17,600 SQM	6,300 SQM	77,600 SQM	118,400 SQM	220,750 SQM
Production Area	17,250QM (4 Factories)	4,000 SQM (2 Factories)	21,800 SQM (1 Factory)	23,400 SQM (15 Factories)	66,450 SQM (22 Factories)
Employees As of March 2008	513	423	310	887	2,133

SNC

1

SPEC

2

SSTC

3

**SNC FORMER
PUBLIC COMPANY LIMITED**

**Piping
Sheet Metal
Heat Exchanger**

**Automotive Industries
Air Conditioning Industries**

**SNC PYONGSAN EVOLUTION
COMPANY LIMITED**

**Piping
Sheet Metal
Heat Exchanger
Plastic**

**OEM - Air Conditioners
OEM - Freezers**

**SNC SANTEC
COMPANY LIMITED**

**Mould & Die
Automation Machines**



1981



1981



1981



1994



2005



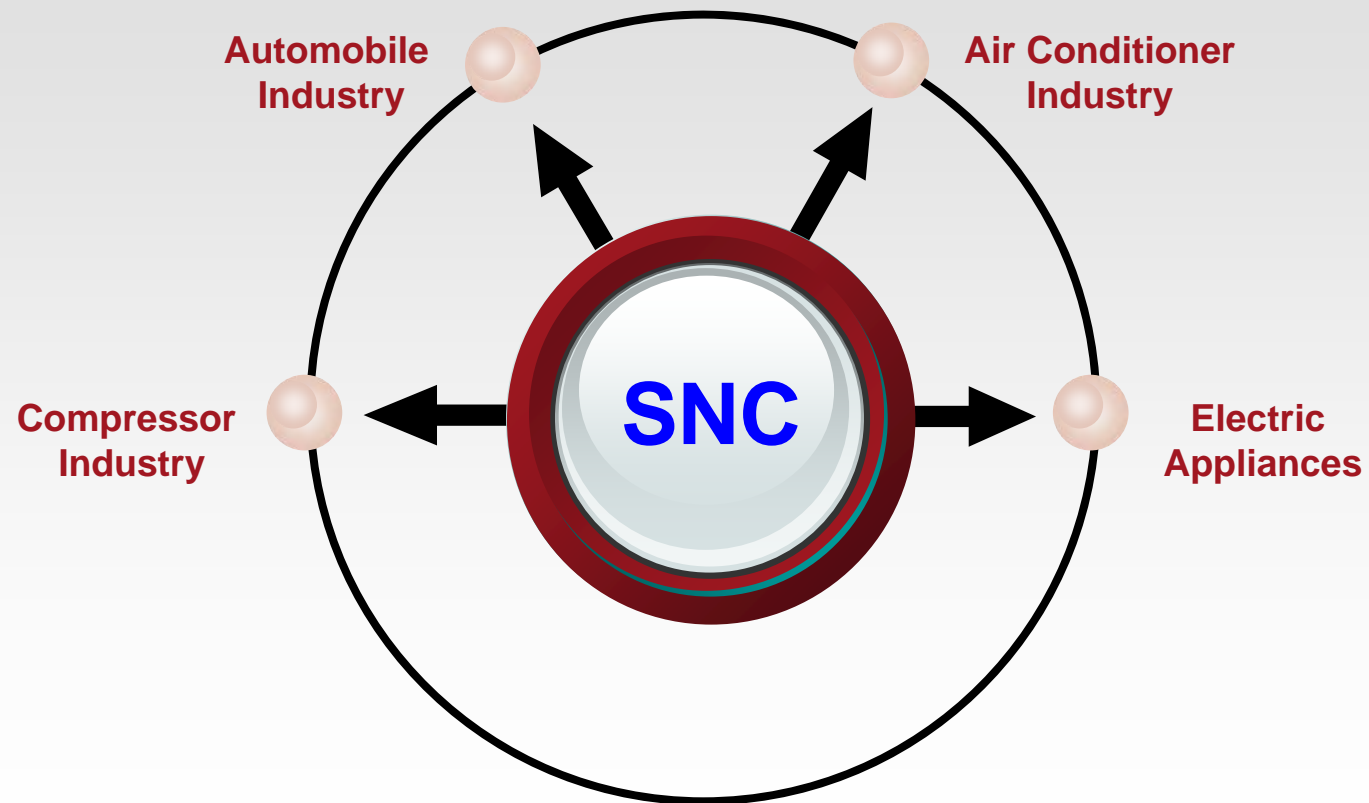
2007



2007

ABOUT **SNC**

SNC Former Public Company Limited



SNC FORMER PLC. (HEADQUARTER)

12



PIPING FOR AUTOMOBILE INDUSTRY

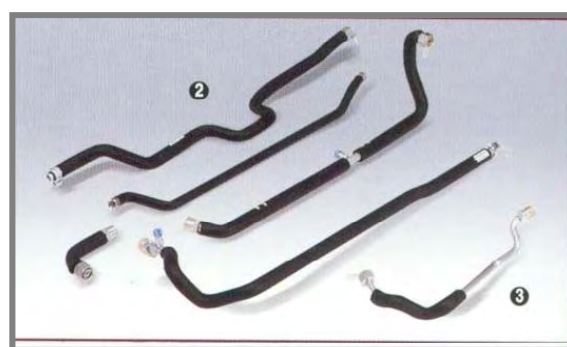
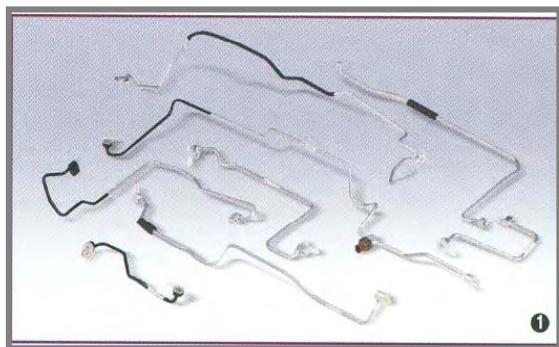
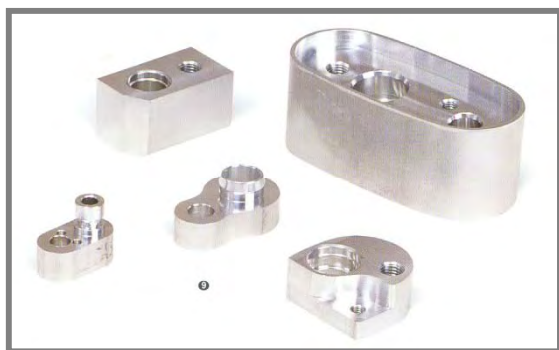
13



PRODUCT PORTFOLIO

14

Automobile Industry



CUSTOMER REFERENCE

15

Components & Parts for Automobile



Components & Parts for Automobile (End Users)



SNC FORMER PLC. (SAMUTPRAKARN)

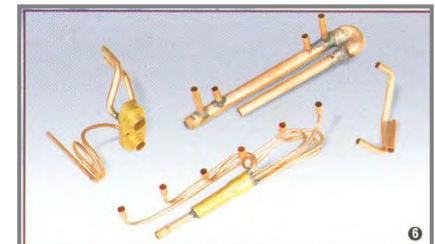
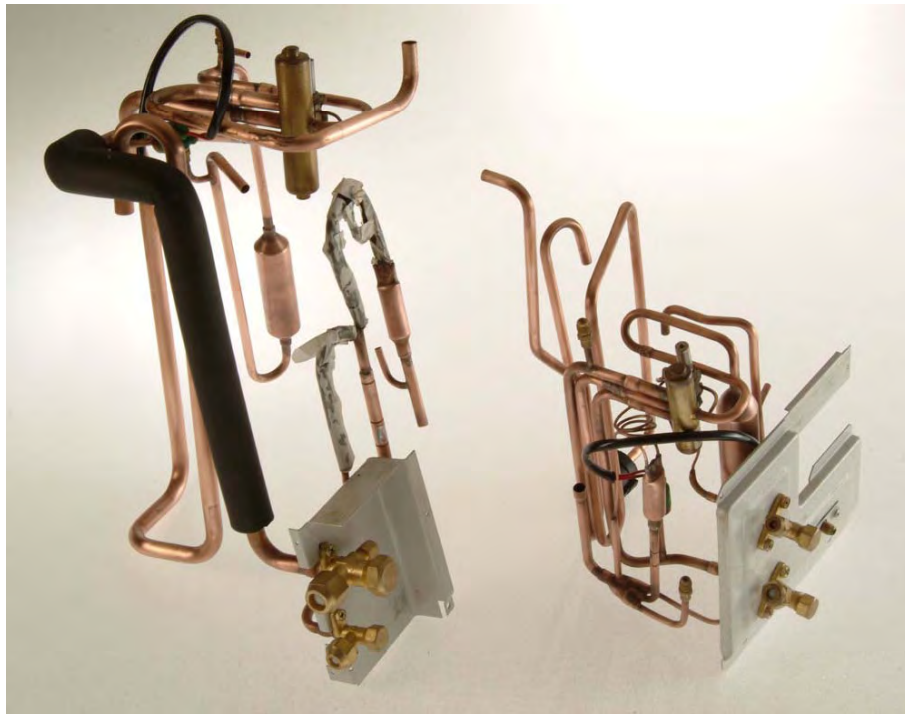
16



PRODUCT PORTFOLIO

17

Air Conditioning & Electrical Appliances Industry



CUSTOMER REFERENCE

18

Air Conditioning & Electrical Appliances Industry



Haier



TOSHIBA

Customers

Haier

HITACHI
Inspire the Next

**KANG YONG
ELECTRIC**
Public Company Limited

SANYO TOSHIBA

Machines

AUTOMATIC CUTTING = 3 M/C

CNC BENDING = 2 M/C



Customers



Machines

AUTOMATIC CUTTING = 9 M/C

FORMING = 12 M/C

CNC BENDING = 12 M/C

AUTOMATIC BRAZING = 2 M/C



SHEET METAL (STAMPING PART)

21

Customers



Machines

PRESS 300T = 3 M/C

PRESS 200T = 3 M/C

PRESS 160T = 3 M/C

PRESS 80T = 3 M/C

PRESS 45T = 1 M/C



SHEET METAL (TURRET PUNCH)

22

Customers



Machines

TURRET PUNCH AMADA EM2510NT = 4 M/C

BENDING AMADA RG 80T = 2 M/C

BENDING AMADA RG 50T = 2 M/C

BENDING AMADA RG 35T = 1 M/C

BENDING DEES 100T = 1 M/C

SPOT WELDING 225 KVA = 3 M/C



LAEMCHABANG SITE (BRANCH 4)

23



Location :
Export Processing Zone #2
Laemchabang Industrial Estate
Chonburi
Facility Area :
77,600 sqm (48.5 Rai, 19 acres)
Production Area :
22,000 sqm



OEM

Assembly Lines for OEM Products

PRODUCTS & CUSTOMER REFERENCES

25

Air Conditioner Industry



FUJITSU



 **YORK**
Leading the World in Heating,



4 WINDOW LINES

26



Capacity:
30,000 unit/month

For Window Type

4 INDOOR LINES

27

For Indoor



Capacity:
40,000 unit/month



2 OUTDOOR LINES

28

Capacity:

20,000 unit/month

For Outdoor



2 COMMERCIAL LINES

29

For Commercial



H/E

Heat Exchanger Production

FIN PRESS MACHINES

31



4 Machines:

FIN PRESS 80 Tons = 2

FIN PRESS 60 Tons = 2



HAIR PIN BENDERS

32



3 Machines:

3/8" Size = 1

5/16" Size = 2



VERTICAL EXPANDERS

33

2 Machines:

Fin Width 44"
Fin Length 90"

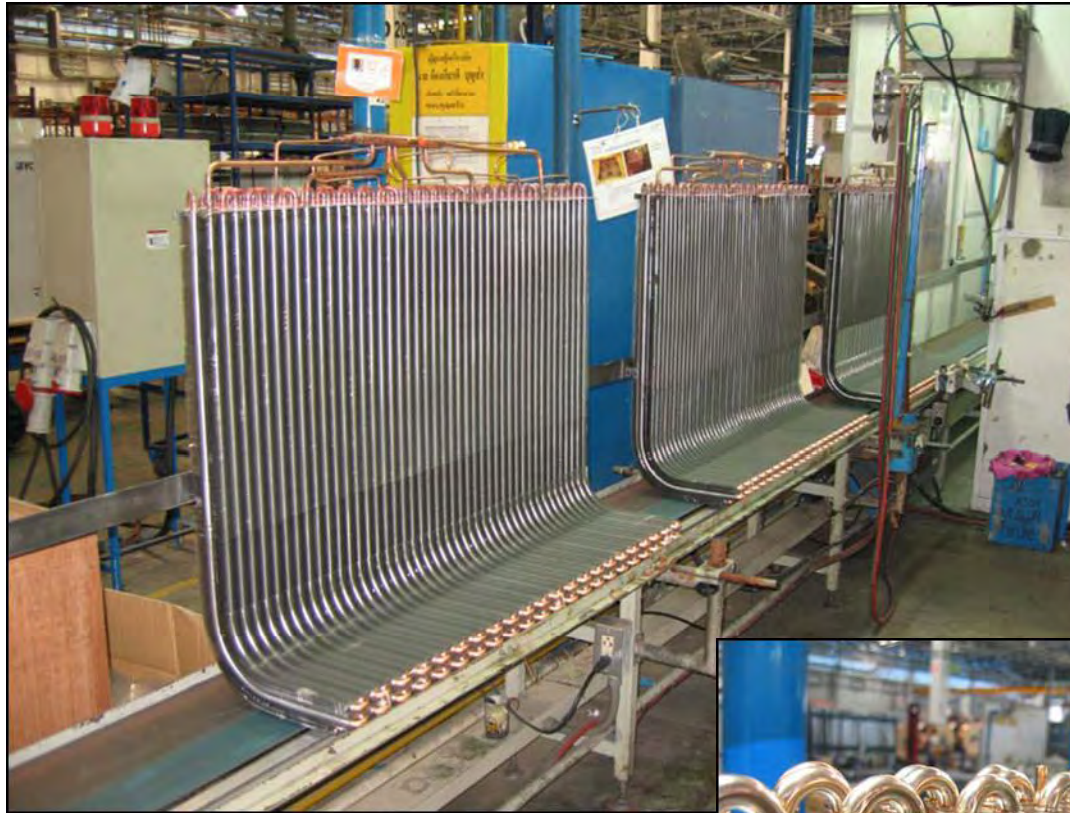
1 Machine:

Fin Width 30"
Fin Length 36"



COIL BENDER & BRAZING LINES

34



PRESS/PAINT

Sheet Metal Production

PRESS 60 to 300 TON – 11 MACHINES

36



11 Machines:

PRESS 300T = 5
PRESS 200T = 1
PRESS 160T = 1
PRESS 60T = 4



PAINT ROOM

37



GEMA Electrostatic
Powder Coating

PIPING

Copper and Aluminum Piping

PIPING PRODUCTS

39



DISTRIBUTOR



INLET/OUTLET PIPE



STRAINER



COUPLING PIPE



JOINT PIPE ASSEMBLY



CONDENSING UNIT

CUTTING AND FORMING

40



14 Machines:

CUTTING = 4
FORMING = 10



BENDING AND BRAZING

41



49 Machines:

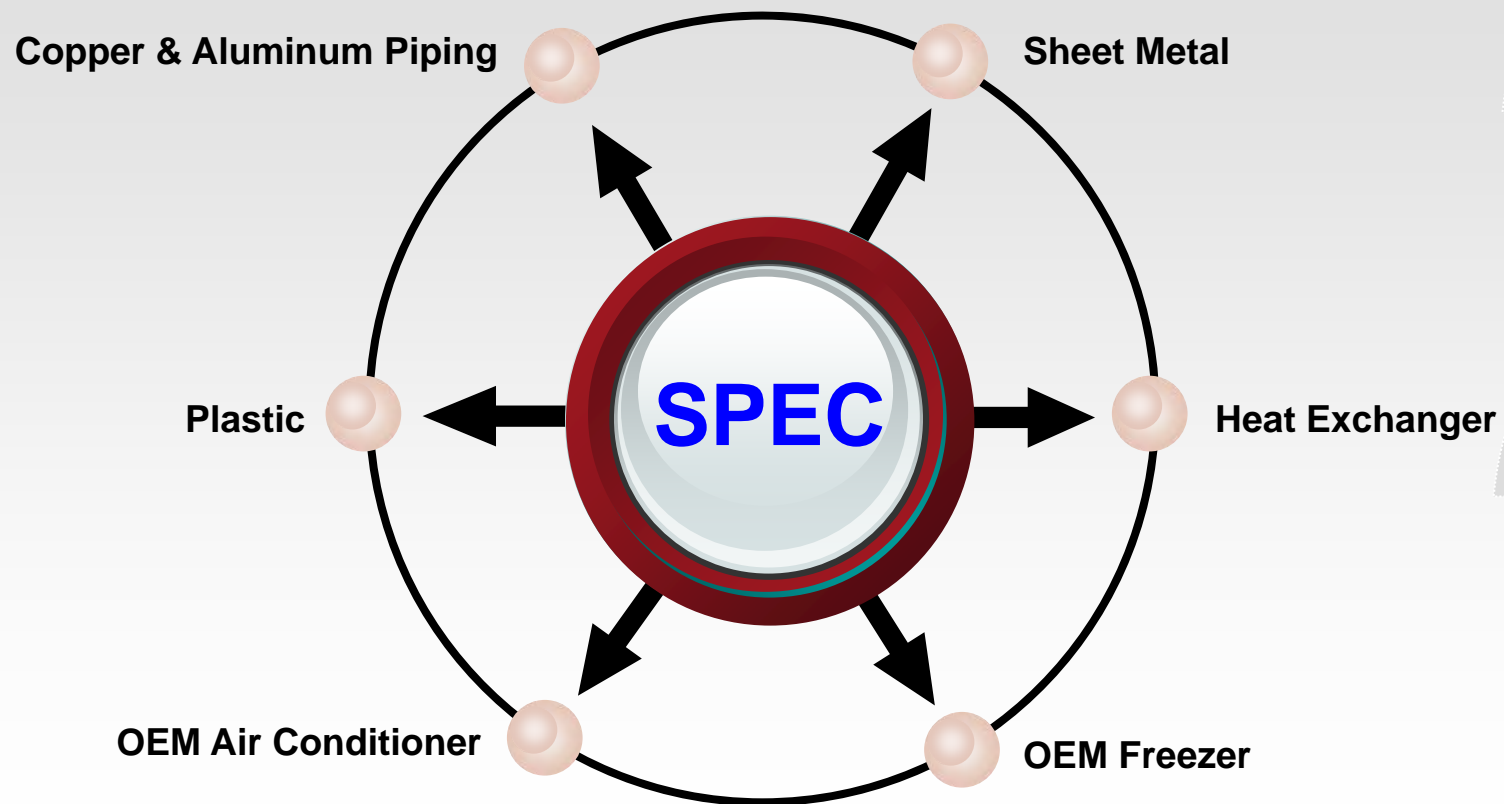
BENDING = 15

BRAZING = 34



ABOUT **SPEC**

SNC Pyongsan Evolution Company Limited

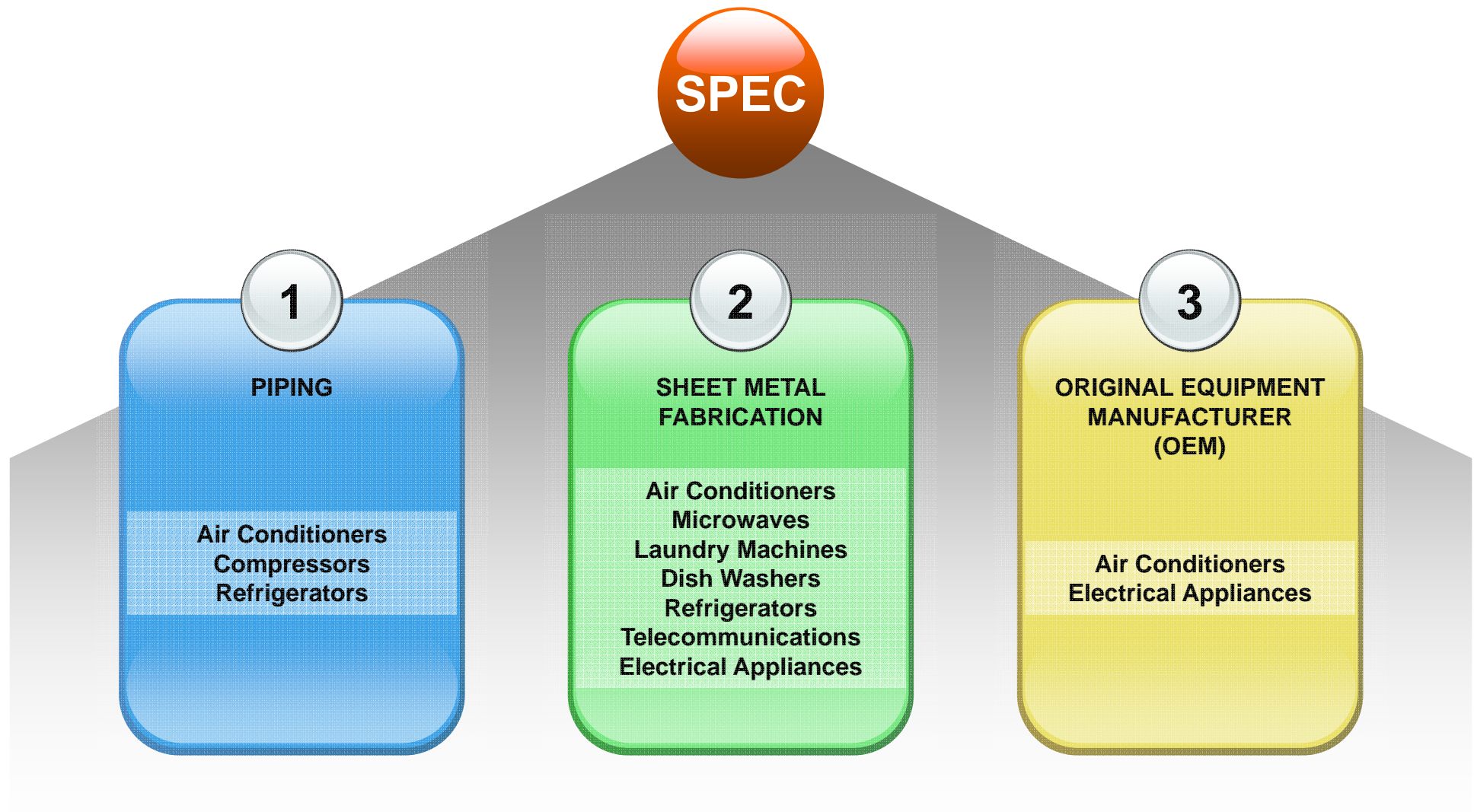


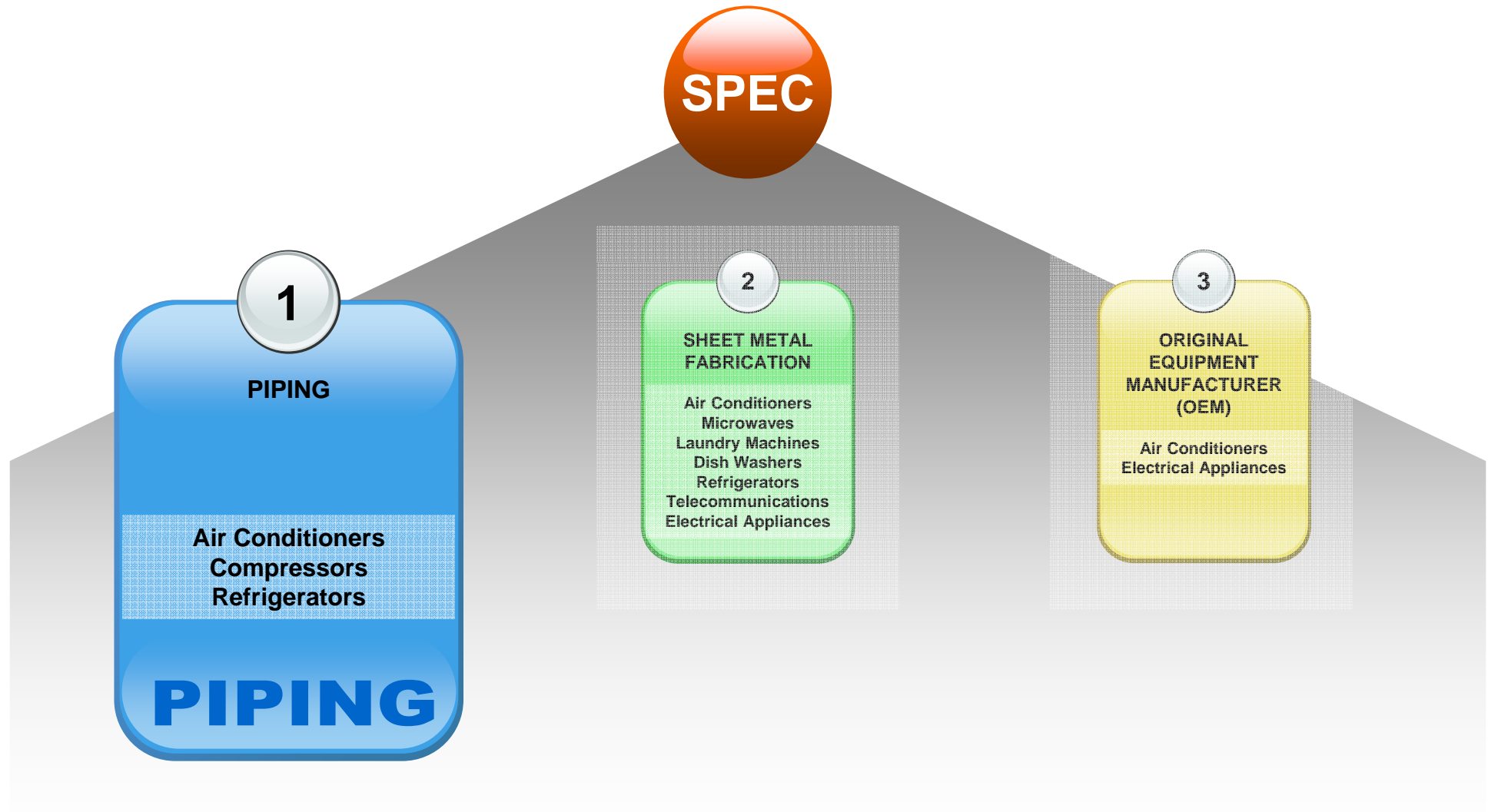
2

SNC PYONGSAN EVOLUTION CO., LTD. (RAYONG)

43



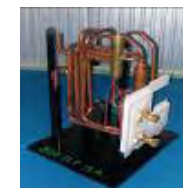
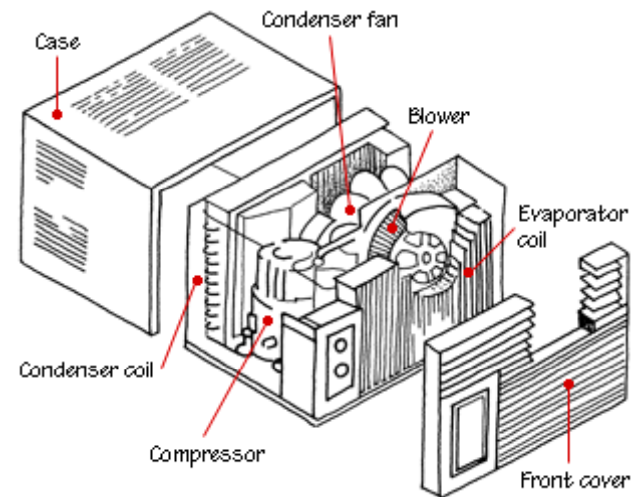




PIPING – PRODUCT PORTFOLIO (1)

46

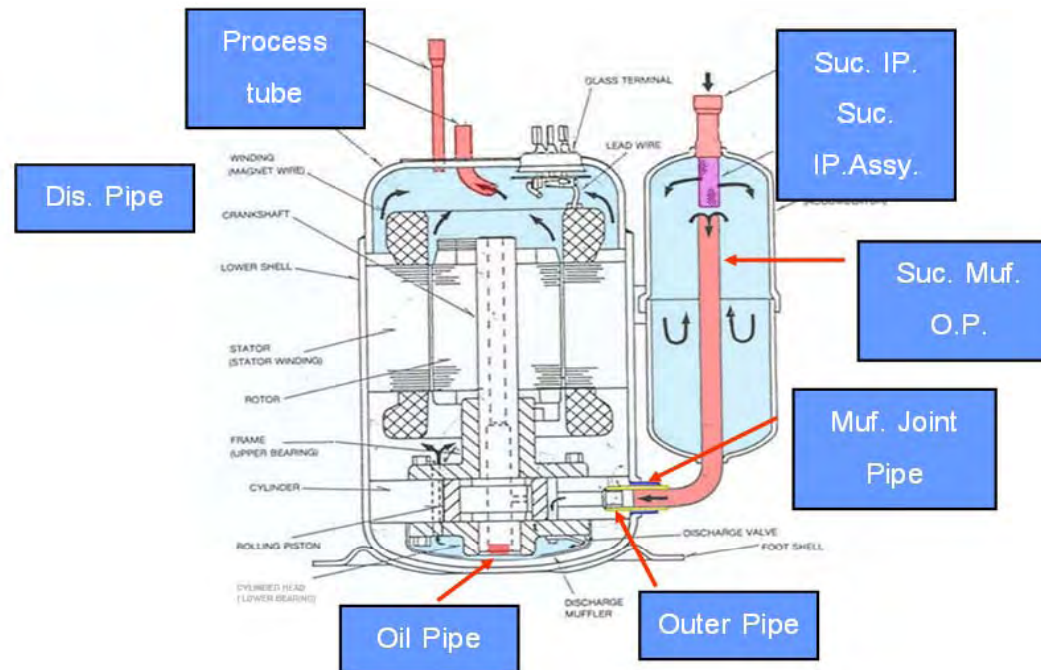
Air Conditioning System



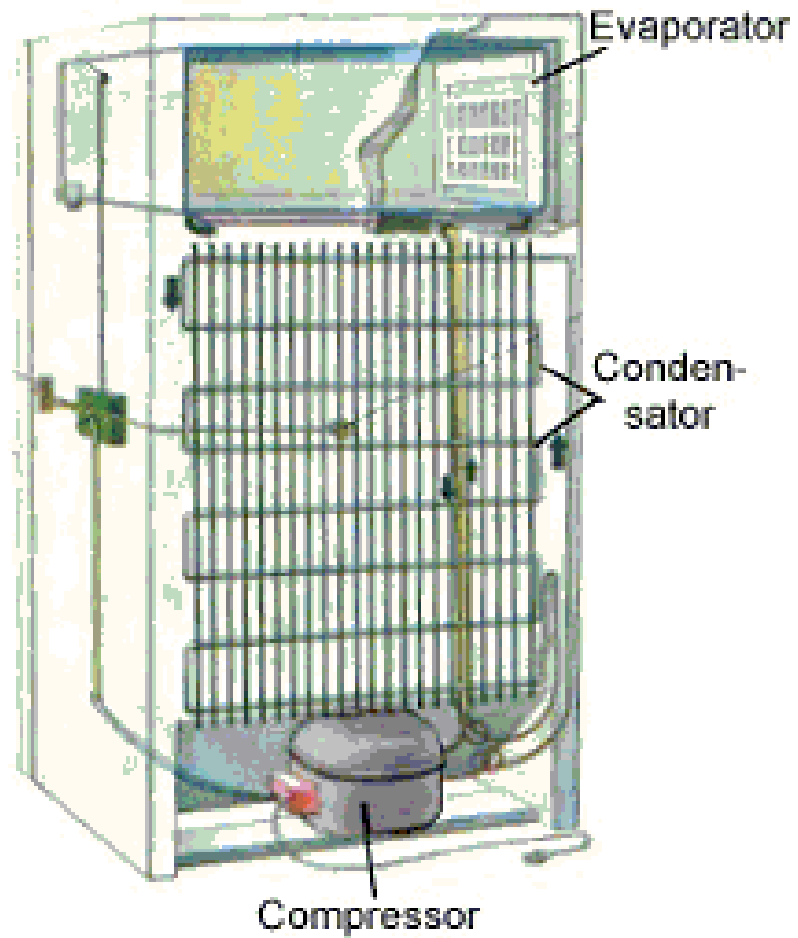
PIPING – PRODUCT PORTFOLIO (2)

47

Compressor



Refrigerator



PIPING – CUSTOMER REFERENCE

49

Air Conditioner, Refrigerator



Compressor



PIPING (Factory No. 1)

50



PIPING for Air Conditioning System (Factory No. 9)

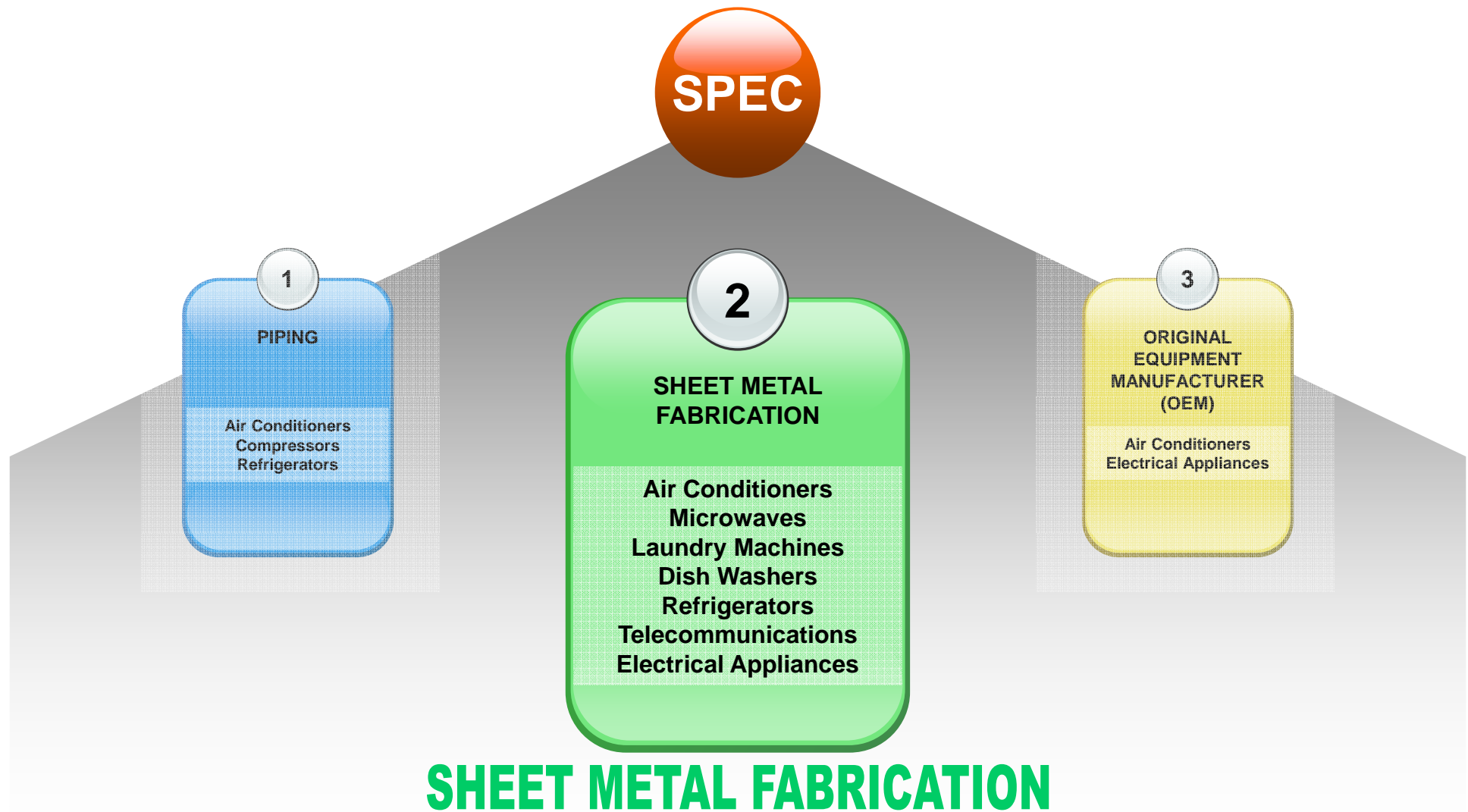
51



PIPING for Air Conditioning System & Compressor (Factory No. 10)

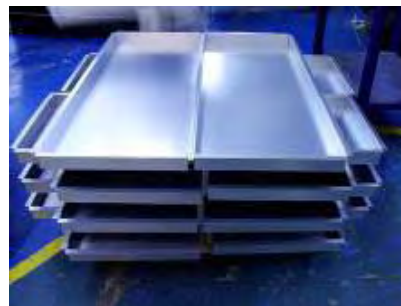
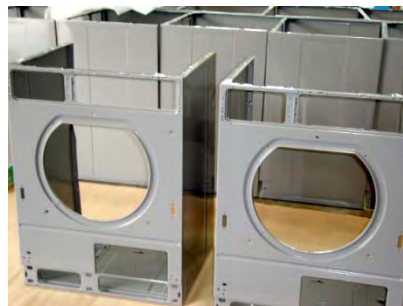
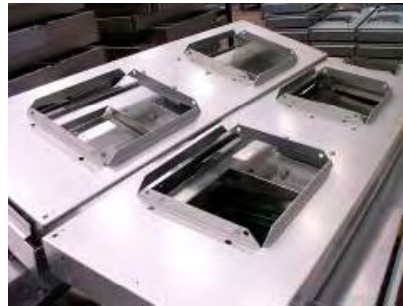
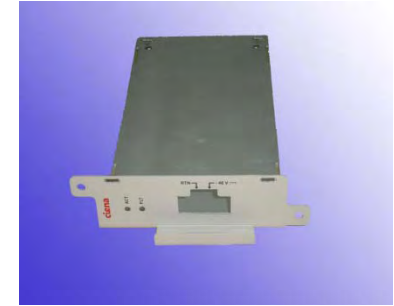
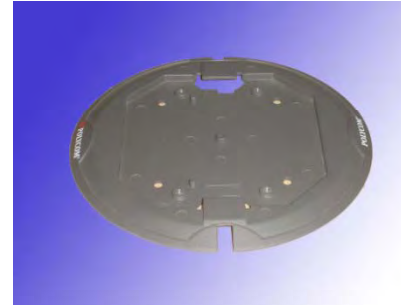
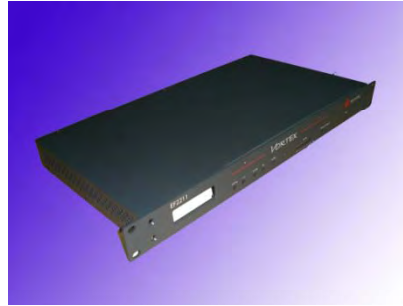
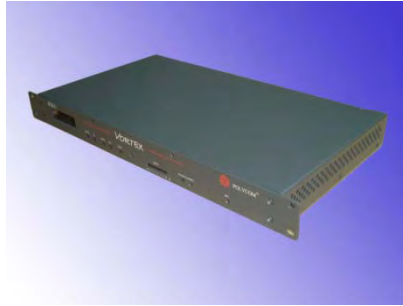
52





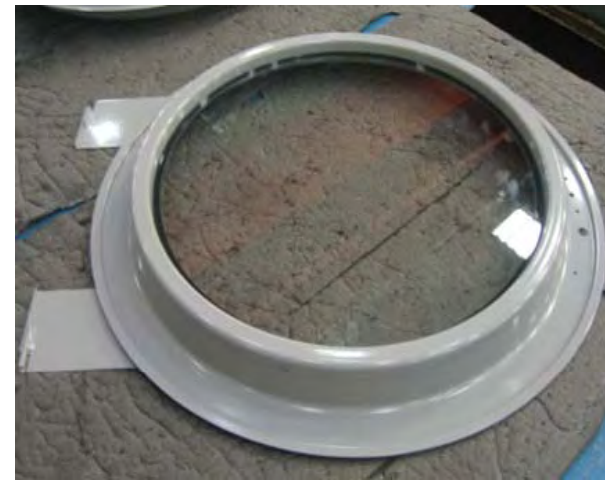
SHEET METAL (TURRET) – PRODUCT PORTFOLIO

54



SHEET METAL (PRESS) – PRODUCT PORTFOLIO

55



SHEET METAL – CUSTOMER REFERENCE

56

Air Conditioners & Electrical Appliances

**AIR
PRODUCTS**

CELESTICA



Electrolux

HITACHI
Inspire the Next

LG
Life's Good

POLYCOM

TERASAKI

EMMETI

Galletti
AIR CONDITIONING

MILLER

NORDYNE



BY POMANETTE, LLC
7712 CHERI COURT, TAMPA, FL
813-885-2182

RIELLO GROUP
Energy For Life

SINKO

TONONFORTY
the perfect climate

Westair
Industries, Inc.
Dallas, Texas, U.S.A.

CUT SIZE FOR SHEET METAL / PRESS (Factory No. 3)

57



SHEET METAL CNC PUNCHING (Factory No. 5)

58



Turret Punching Machines (Amada)

Turret Punching Machines (Tailift)

Bending Machines (Amada, SPC)

SHEET METAL CNC PUNCHING (Factory No. 6)

59



Fully Automatic Turret Punching Machines (Finn Power)

Bending Machines (Amada, LVD)

SHEET METAL PRESS (Factory No. 3)

60



Press Machines (Li Fu)

Press Hydraulic Machine (Wan Shun)

PAINTING & FINISHING (Factory No. 4)

61

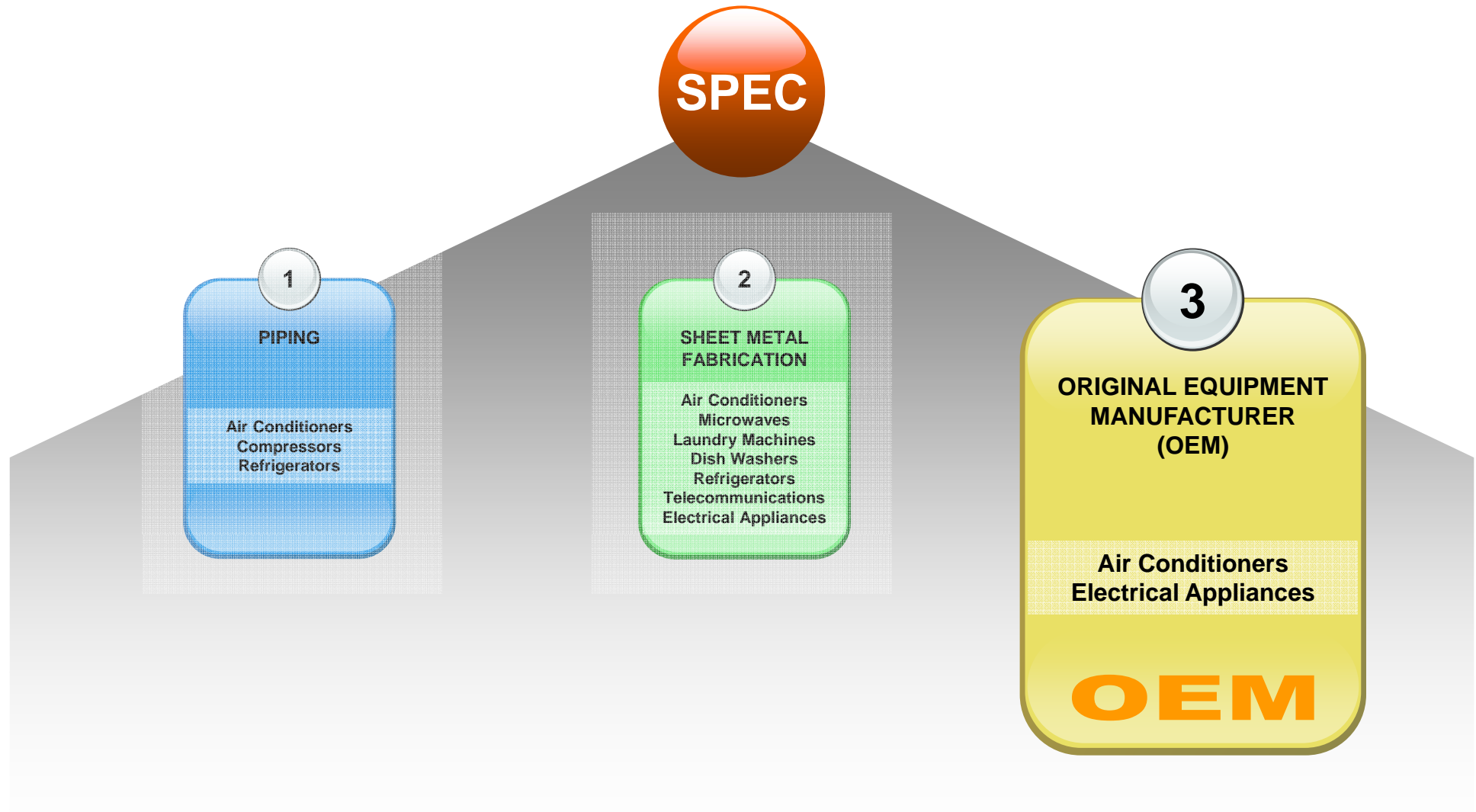


Powder Painting (Including Masking Painting)

Wet Painting (Including Silk Screen)

ORIGINAL EQUIPMENT MANUFACTURER (OEM)

62





OEM [1]

AIR CONDITIONERS

OEM A/C – PRODUCT PORTFOLIO (1)

64

Outdoor – Condensing Unit



OEM A/C – PRODUCT PORTFOLIO (2)

65

Indoor – Fan Coil Unit



Package Chiller Unit



OEM A/C – CUSTOMER REFERENCE

67

OEM for Air Conditioner

EMMETI®

HITACHI
Inspire the Next

Life's Good **LG**

Galletti
AIR CONDITIONING

MILLER®

NORDYNE



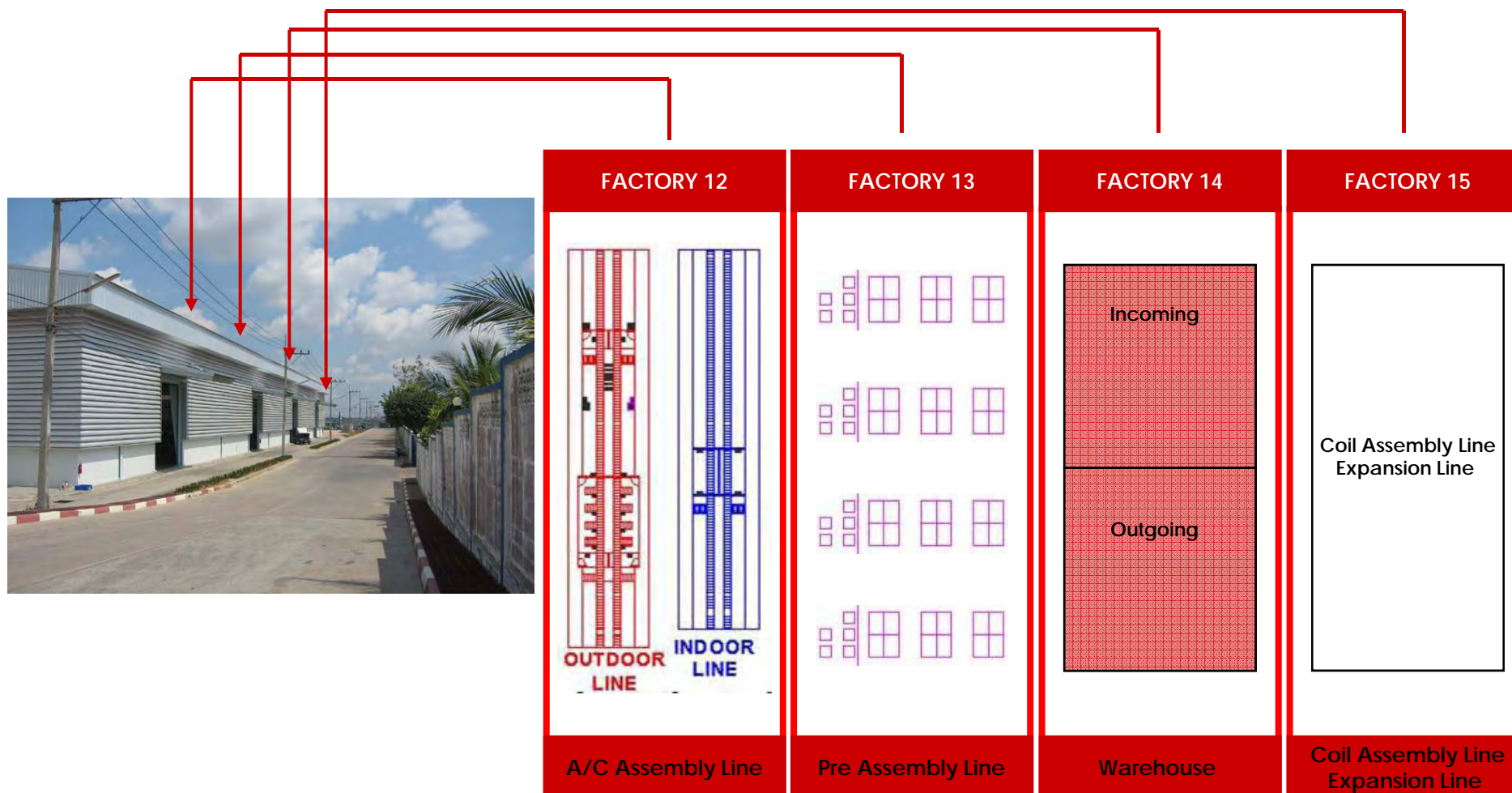
BY POMPANETTE, LLC
7712 CHERI COURT, TAMPA, FL
813-865-2182

RIELLO GROUP
Energy For Life

SINKO

TONONFORTY
the perfect climate

Westair
Industries, Inc.
Dallas, Texas, U.S.A.



OEM A/C – 4 PRE ASSEMBLY LINES

69



OEM A/C – 2 ASSEMBLY LINES

70



For Indoor (1)

Capacity:

23,000 units/month



Note: Data is based on 1 shift

For Indoor (2)



OEM A/C – 2 ASSEMBLY LINES

72

Capacity:
22,800 units/month

For Outdoor (1)



Note: Data is based on 1 shift

OEM A/C – 2 ASSEMBLY LINES

73



For Outdoor (2)



OEM A/C – TESTING UNITS

74



Testing (No. 2) – Halogen Leak Test & Performance Test

Testing (No. 1) – Helium Leak Test



OEM A/C – COIL ASSEMBLY & EXPANSION LINE

75



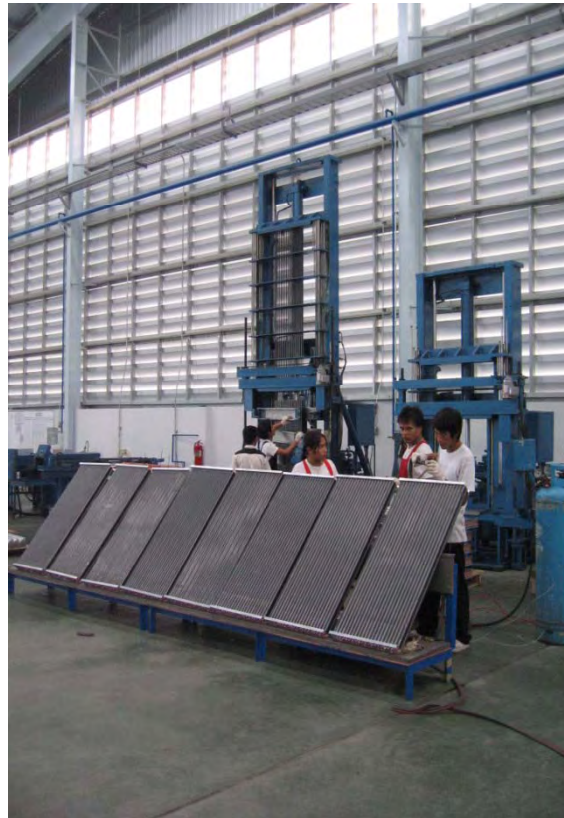
OEM A/C – COIL ASSEMBLY & EXPANSION LINE

76



OEM A/C – COIL ASSEMBLY & EXPANSION LINE

77



TOTAL CAPACITY FOR OEM A/C

78

	Lines	Type	Lines	25 per Mth	12 per Year
SNC 4 LCB	FGT			(units)	(units)
	Indoor	Convertible / Ducted	4	40,000	480,000
	Outdoor	Convertible / Ducted	2	20,000	240,000
	Window Commercial		4 2	30,000	360,000
	Total		12	90,000	1,080,000
SPEC RY	LG			(units)	(units)
	Indoor	Wall Mount	1	23,000	276,000
	Outdoor	Wall Mount	2	22,800	273,600
	Export Line		1		
	Indoor	Various Type		2,500	30,000
	Outdoor	Various Type		2,240	26,880
	Total		4	50,540	606,480
Based on					
8 Hrs / Shift					
1 Shift / Day					
25 Working Days / Month					
			Total		1,686,480



OEM [2]

FREEZERS & FOOD PROCESSOR EQUIPMENT

OEM FREEZER – PRODUCT PORTFOLIO (1)

80



Cryogenic Freezers



Mini-Batch Freezer



Batch Freezer



OEM FREEZER – PRODUCT PORTFOLIO (2)

81

The Gull-Wing Freezer Tunnel



IQF Plus



AIR
PRODUCTS

OEM FREEZER – FACILITIES

82



Laser Cutting Machine (Mitsubishi)

PRODUCT DEVELOPMENT CENTER

PDC

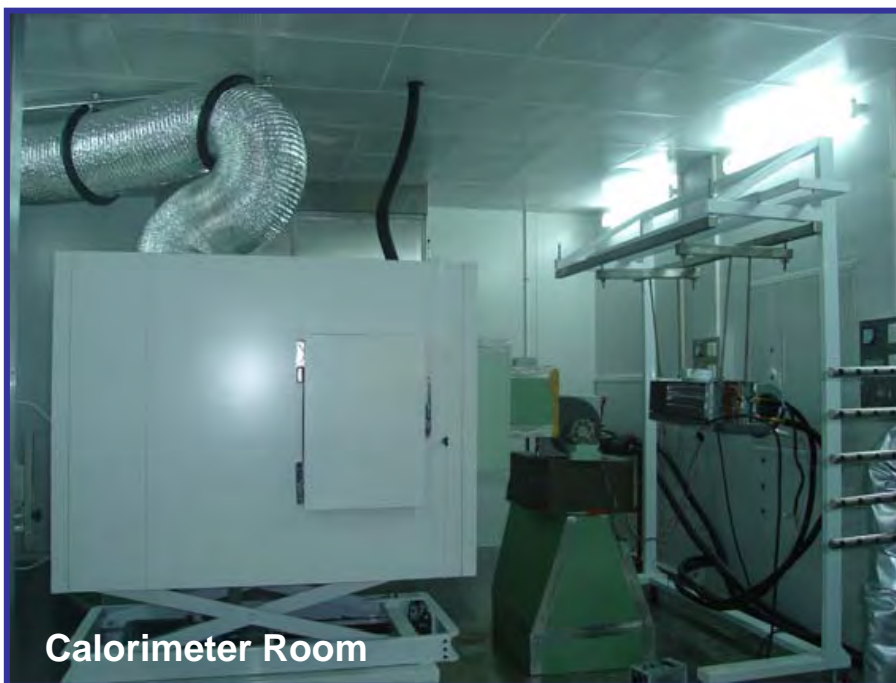
SNC Pyongsan Evolution Co., Ltd.

PRODUCT DEVELOPMENT CENTER

84



For Indoor

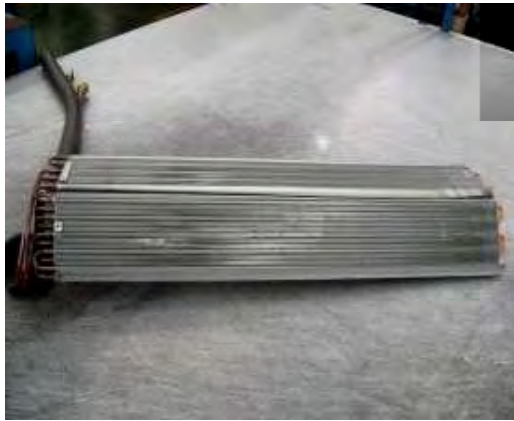


For Outdoor



For Indoor

IDU : Fin (Al) & Tube (Cu)



IDU : Parallel Flow (Al)



IDU : Serpentine (Al)

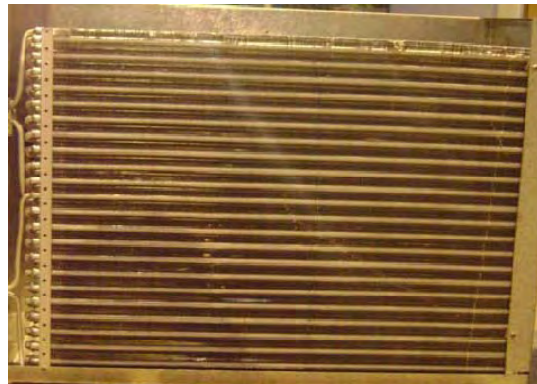


For Outdoor

ODU : Fin(Al)+Tube(Cu)



ODU : Fin(Al)+Tube(Al)

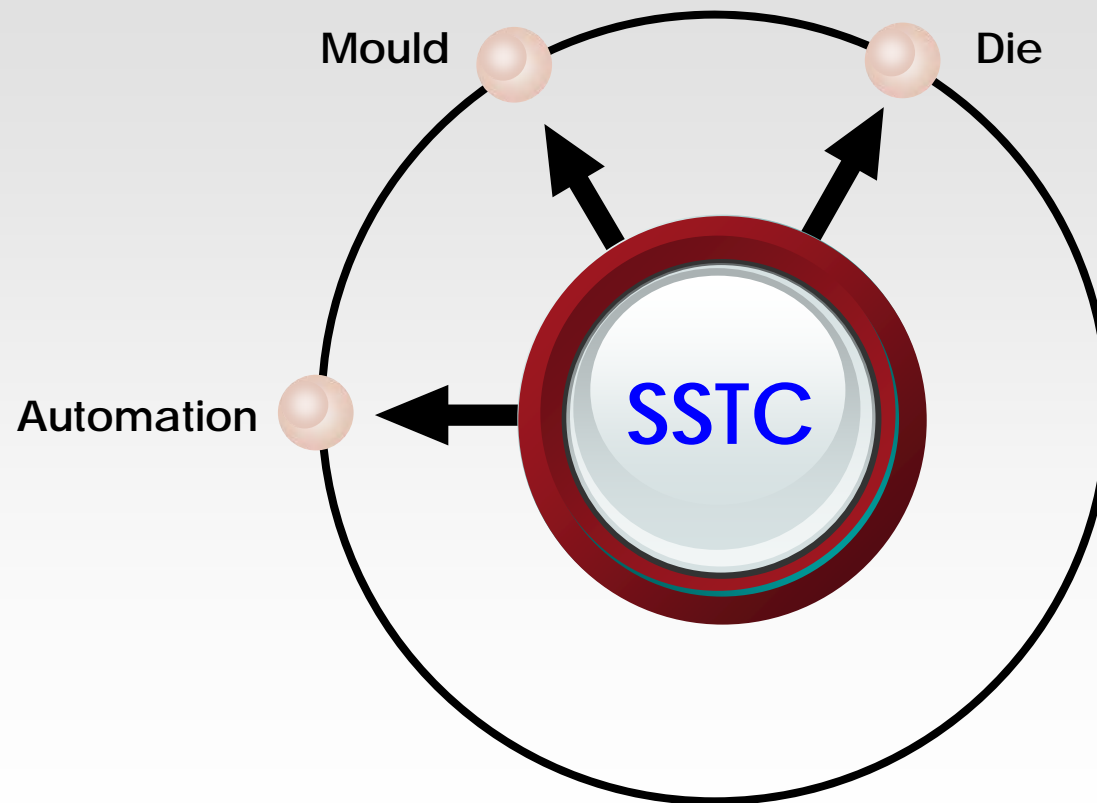


ODU : Parallel Flow (Al)



ABOUT **SSTC**

SNC SanteC Company Limited

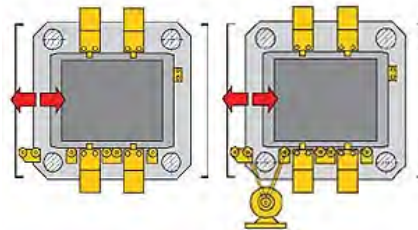
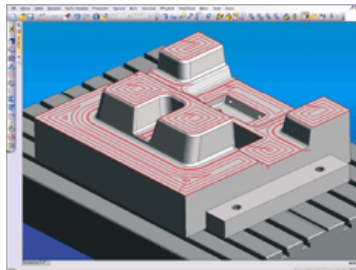


3



MOULD & DIE

91



AUTOMATION MACHINARIES

92



PLASTIC INJECTION & BLOWER

93



**Plastic Injection Machines
160 / 260 / 560 / 860 Ton**

**Plastic Blowing Machine
90 MIN**

HOW *SNCGroup* ADD VALUE TO OUR CUSTOMER

94

- Enhances Customers' Productivity
- Provides Shorter Lead Times
- Reduces Inventory & Handling Costs
- Offers Cost Effectiveness through Expertise of Our Engineers
- Generates Innovation through Joint Product Development

SUPER STORE

Speed
Differentiation
Cost Effectiveness
Flexible Manufacturing System
Focus on Stakeholders & Products

THANK YOU VERY MUCH

SNC Group