

COUCH LATERAL MOVEMENT UNIT

CALU-001A, CALU-001B

APPLICATION

This unit allows lateral movement to be performed electrically, making it easier to perform patient positioning. Patients can be positioned at the isocenter without any physical effort on the part of the operator, ensuring optimal scanning even in patients who are difficult to reposition. It is also helpful during CT interventional procedures. The applicable CT systems are shown below.

CALU-001A/1

SYSTEM MODEL	
Aquilion ONE	TSX-301C/1-8
	TSX-301A/2* (S/N 2067, 2070 to 2072, and 2076 or later)
	TSX-301A/4
Aquilion	TSX-301B (S/N 2001 or later)
Aquilion PRIME	TSX-302A** (S/N 2001 or later)

*: System software V4.30 or later.

**: Available with patient couch replacement kit (CBBU-007A).

CALU-001A/2

SYSTEM MODEL	
Aquilion ONE	TSX-301A/2 (S/N 2001 to 2066, 2068, 2069, and 2073 to 2075)

CALU-001A/3

SYSTEM MODEL	
Aquilion PRIME	TSX-303A/1, /2, /5, /A, /B, /F, /L, /M, /T

CALU-001A/4

SYSTEM MODEL	
Aquilion ONE	TSX-306A/1-3
	TSX-305A/1-6

CALU-001A/5

SYSTEM MODEL	
Aquilion Lightning	TSX-036A/1, /4, /7

CALU-001A/6

SYSTEM MODEL	
Aquilion Prime SP	TSX-303B/1, /4, /5, /6, /8

CALU-001B/1

SYSTEM MODEL	
Aquilion PRIME	TSX-303A/1, /2, /5, /A, /B, /F, /L, /M, /T

CALU-001B/2

SYSTEM MODEL	
Aquilion ONE	TSX-306A/1-3
	TSX-305A/1-6

CALU-001B/3

SYSTEM MODEL	
Aquilion Prime SP	TSX-303B/1, /4, /5, /6, /8

Note: Some systems may not be available in your country or region. Please check with your sales representative.

FEATURES

This unit allows the patient couch to be moved in the lateral direction, permitting the patient to be moved to the desired position in the lateral direction without repositioning the patient on the couch top.

COMPOSITION

CALU-001A/1, /3, /4, /5, /6, CALU-001B/1, /2, /3

- Lateral movement unit.....1 set
- Manuals.....1 set

CALU-001A/2

- Lateral movement unit1 set
- Gantry modification parts.....1 set
- Manuals.....1 set

PERFORMANCE SPECIFICATIONS

- Configuration: Fixed patient couch
- Lateral movement:
 - Method: Electrical movement
 - Movement speed: 10 mm/s
 - Lateral stroke: ± 42 mm
 - Operating method: Remote control from the operating panel or console
 - Reproducibility: ± 0.25 mm (for load up to 230 kg)

- Maximum guaranteed load:

CALU-001A	CALU-001B
315 kg (694 lb)*	220 kg (485 lb)**

*: Patient weight Max. 300 kg (661 lb) + Accessories 15 kg (33 lb)

**: Patient weight Max. 205 kg (452 lb) + Accessories 15 kg (33 lb)

CALU-001A, CALU-001B

DIMENSIONS AND MASS

CALU-001A

Unit	Dimensions L x W x H	Mass
	mm (in)	kg (lb)
Lateral movement unit	1950 × 681 × 117 (76.8 × 26.8 × 4.6)	180 (397)
Combined with long couch: CBTB-021A, -026A, or -032A are used in combination	2890 × 681 × 558 (113.8 × 26.8 × 22.0)	880 (1940)
Combined with short couch: CBTB-021B, -026B, or -032B are used in combination	2390 × 681 × 558 (94.1 × 26.8 × 22.0)	830 (1830)

CALU-001B

Unit	Dimensions L x W x H	Mass
	mm (in)	kg (lb)
Lateral movement unit	1820 × 681 × 116 (71.7 × 26.8 × 4.6)	170 (375)
Combined with long couch: CBTB-031A are used in combination	2690 × 681 × 572 (105.9 × 26.8 × 22.5)	690 (1521)
Combined with short couch: CBTB-031B are used in combination	2390 × 681 × 572 (94.1 × 26.8 × 22.5)	660 (1455)

POWER REQUIREMENTS

Power is supplied to this unit from the patient couch used in combination.

- Power supply
 - Rated voltage: 200 V
 - Line frequency: 50/60 Hz
 - Number of phases: 3 phase
- Power consumption: 0.2 kVA

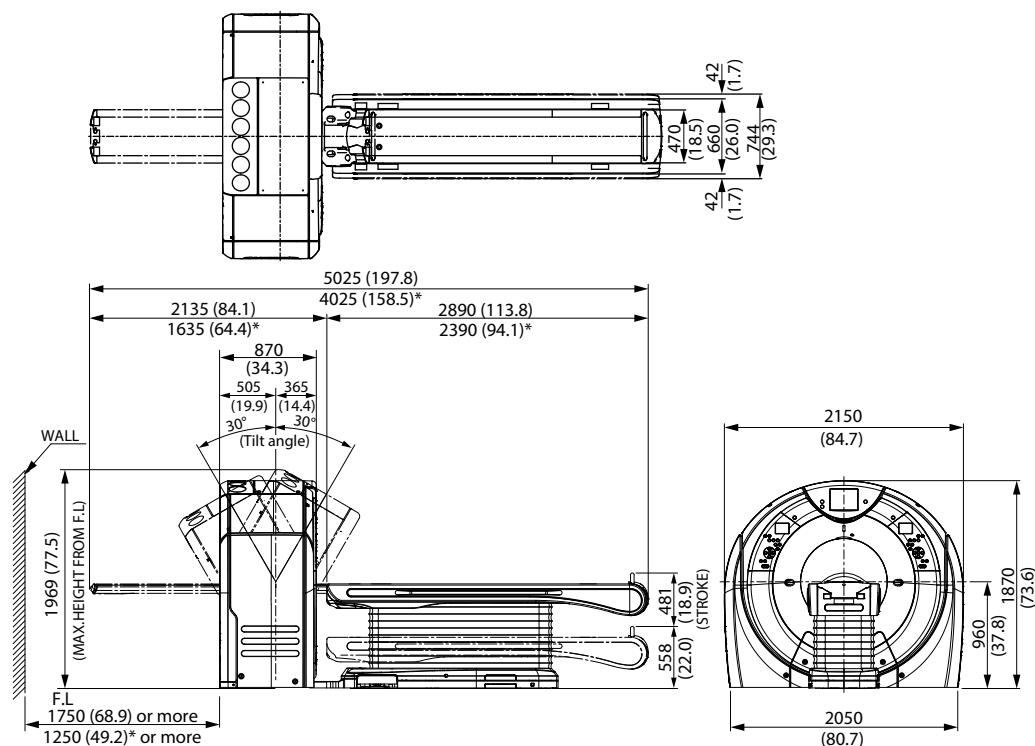
AMBIENT CONDITIONS AND INSTALLATION CONDITIONS

Same as those for the CT system.

APPLICABLE LAWS AND STANDARDS

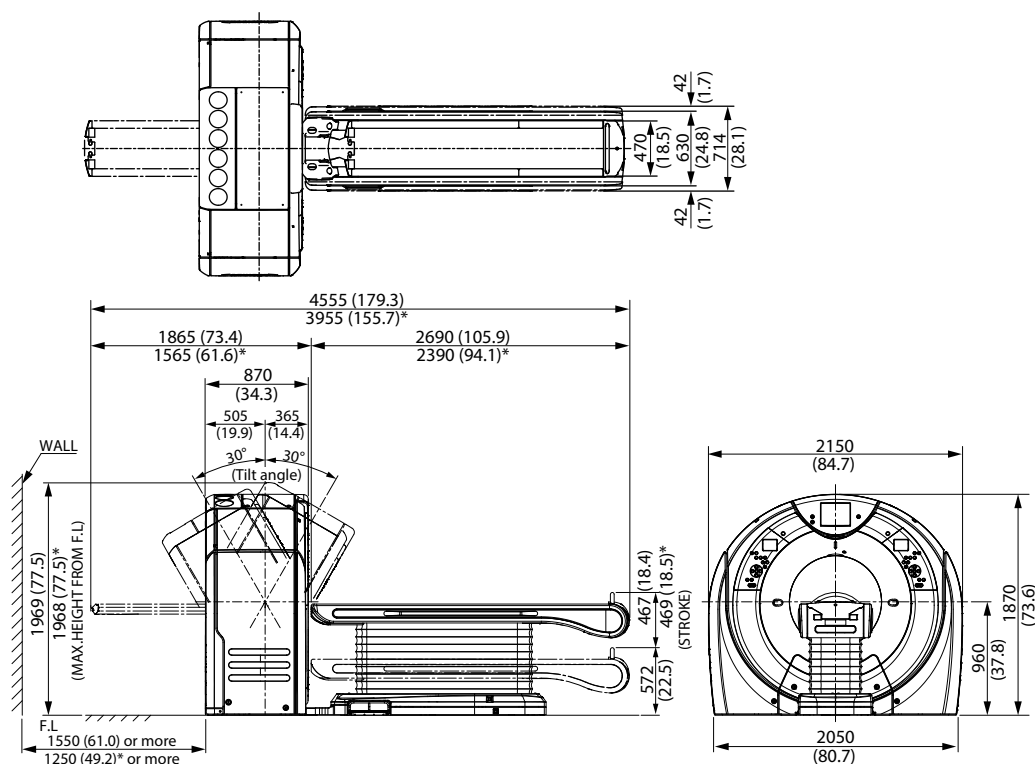
Same as those for the CT system.

OUTLINE DRAWINGS



*: For patient couch CBTB-032B

System with the lateral movement unit (for patient couch CBTB-032A)

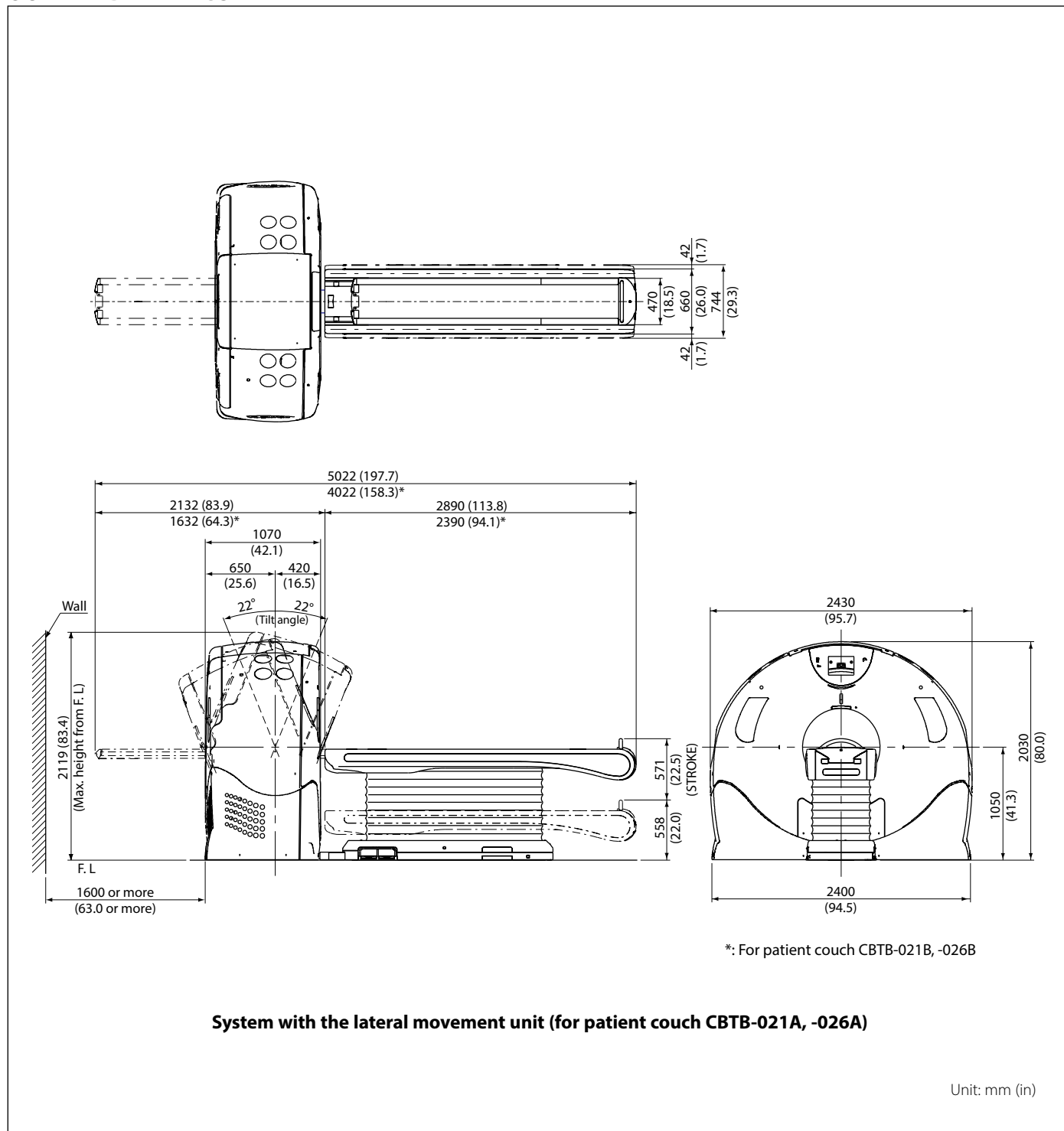


*: For patient couch CBTB-031B

System with the lateral movement unit (for patient couch CBTB-031A)

Unit: mm (in)

OUTLINE DRAWINGS



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