



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**DANFOSS COOLING APPLICATION DEVELOPMENT
CENTER, DANFOSS INDUSTRIES PRIVATE LIMITED**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

PLOT NO. A19/2, SIPCOT INDUSTRIAL GROWTH CENTER, ORAGADAM VILLAGE, SRIPERAMBUDUR
TALUK, KANCHIPURAM, TAMIL NADU, INDIA

in the field of

TESTING

Certificate Number: TC-7343

Issue Date: 14/07/2025

Valid Until: 13/07/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: DANFOSS INDUSTRIES PRIVATE LIMITED

Signed for and on behalf of NABL




Anita Rani
Director


N. Venkateswaran
Chief Executive Officer



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioner	Maximum Cooling Performance Test	ISO 5151 (Clause No. 5.2)
2	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Capacity Rating	IS 8148 (Clause No. 8.1)
3	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Control & Enclosure Sweat Performance Test	AS/NZS ISO 5151 (Clause No. 5.5)
4	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Control and Enclosure Sweat Performance	UAE.S ISO 5151 (Clause No. 5.5)
5	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Control and Enclosure Sweat Performance Test	AS/NZS 3823.1.2 (Clause No. 6.4)
6	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Control and Enclosure Sweat Performance Test	ISO 13253 (Clause No. 6.4)
7	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Control and Enclosure Sweat Performance Test	ISO 15042 (Clause No. 6.5)



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8	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Control and Enclosure Sweat Performance Test	ISO 5151 (Clause No. 5.5)
9	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Control and Enclosure Sweat Performance Test	SASO-ISO-13253 (Clause No. 6.4)
10	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Control and Enclosure Sweat Performance Test	SASO-ISO-5151 (Clause No. 5.5)
11	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Control and Enclosure Sweat Performance Test	UAE.S/ISO 15042 (Clause No. 6.5)
12	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Disposal Test	AHRI 210/240 (Clause No. 8.6)
13	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Disposal Test	AHRI 211/241-01/0B (Clause No. 8.6)
14	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Disposal Test	AHRI 340/360 (Clause No. 8.5)



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15	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Disposal Test	AHRI 390 (Clause No. 8.6)
16	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Disposal Test	IS 1391 (Part 1, Clause No. 8.1.5, 9.7)
17	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Disposal Test (Cooling)	AHRI 1230 (Clause No. 8.1.2.5)
18	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Draining and Enclosure Sweat Test	DS/EN 14511- 4 (Clause No. 4.7)
19	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling - Automatic Defrost Performance Test	AS/NZS ISO 5151 (Clause No. 6.4)
20	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	AS/NZS 3823.1.2 (Clause No. 6.1)
21	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	AS/NZS ISO 5151 (Clause No. 5.1)



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22	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	IS 1391 (Part 1, Clause No. 6.1, 8.1.1, 9.10)
23	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	IS 1391 (Part 2, Clause No. 6.1, 8.1.1, 9.9)
24	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	ISO 13253 (Clause No. 6.1)
25	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	ISO 15042 (Clause No. 6.1)
26	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	ISO 5151 (Clause No. 5.1)
27	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	SASO-ISO-13253 (Clause No. 6.1)
28	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	SASO-ISO-5151 (Clause No. 5.1)



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29	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	UAE.S ISO 5151 (Clause No. 5.1)
30	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	UAE.S/GSO ISO 13253 (Clause No. 4.1)
31	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	UAE.S/ISO 15042 (Clause No. 6.1)
32	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Low Temperature Operation Test	AHRI 1230 (Clause No. 8.1.2.3)
33	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Drip Test	IS 8148 (Clause No. 8.5)
34	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Earthing Resistance Test	IS 1391 (Part 1, Clause No. 12.2.5)
35	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Earthing Resistance Test	IS 1391 (Part 2, Clause No. 12.2.5)



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36	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Earthing Resistance Test	IS 8148 (Clause No. 12.2.6)
37	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Enclosure Sweat	IS 1391 (Part 1, Clause No. 8.1.4 and 9.6)
38	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Enclosure Sweat	IS 1391 (Part 2, Clause No. 8.1.4 and 9.6)
39	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Enclosure Sweat	IS 8148 (Clause No. 8.6)
40	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Enclosure Sweat and Condensate Disposal or Draining	IS 8148 (Clause No. 8.7)
41	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Enclosure Sweat and Condensate Disposal or Draining	UAE.S/GSO ISO 13253 (Clause No. 4.4)
42	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze Up (Drip) Test	AS/NZS ISO 5151 (Clause No. 5.4)



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43	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-Up Drip Performance Test	ISO 5151 (Clause No. 5.4)
44	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-Up Drip Performance Test	SASO-ISO-5151 (Clause No. 5.4)
45	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-Up Drip Performance Test	UAE.S ISO 5151 (Clause No. 5.4)
46	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-Up Drip Test (Applies to Non-Ducted Multi-Splits)	ISO 15042 (Clause No. 6.4)
47	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-Up Drip Test (Applies to Non-Ducted Multi-Splits)	UAE.S/ISO 15042 (Clause No. 6.4)
48	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-Up Test	DS/EN 14511 - 4 (Clause No. 4.7)
49	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-Up Test	IS 1391 (Part 1, Clause No. 8.1.3 and 9.5)



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50	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-Up Test	IS 1391 (Part 2, Clause No. 8.1.3 and 9.5)
51	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-Up Test	IS 8148 (Clause No. 8.4)
52	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	AS/NZS 3823.1.2 (Clause No. 7.1)
53	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	AS/NZS ISO 5151 (Clause No. 6.1)
54	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	DS/EN 14511-3 (Clause No. 4.1.2 and 4.1.4)
55	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	IS 1391 (Part 1, Clause No. 6.2, 8.2.1 and 9.11)
56	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	IS 1391 (Part 2, Clause No. 6.2, 8.2.1 and 9.10)



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57	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	IS 8148 (Clause No. 9.1)
58	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	ISO 13253 (Clause No. 7.1)
59	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	ISO 15042 (Clause No. 7.1)
60	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	ISO 5151 (Clause No. 6.1)
61	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	SASO-ISO-13253 (Clause No. 7.1)
62	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	SASO-ISO-5151 (Clause No. 6.1)
63	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	UAE.S ISO 5151 (Clause No. 6.1)



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64	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	UAE.S/GSO ISO 13253 (Clause No. 5.1)
65	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Heating Capacity Test	UAE.S/ISO 15042 (Clause No. 7.1)
66	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	High Voltage Test	IS 1391 (Part 1, Clause No. 12.2.3)
67	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	High Voltage Test	IS 1391 (Part 2, Clause No. 12.2.3)
68	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	High Voltage Test	IS 8148 (Clause No. 12.2.4)
69	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Insulation Effectiveness Test (Cooling)	AHRI 1230 (Clause No. 8.1.2.4)
70	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Insulation Effectiveness Test (Cooling)	AHRI 210/240 (Clause No. 8.5)



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71	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Insulation Effectiveness Test (Cooling)	AHRI 211/241-01/0B (Clause No. 8.5)
72	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Insulation Effectiveness Test (Cooling)	AHRI 390 (Clause No. 8.5)
73	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Insulation Efficiency Test (Cooling)	AHRI 340/360 (Clause No. 8.4)
74	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Insulation Resistance Test	IS 8148 (Clause No. 12.2.3)
75	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	ISEER	IS 1391 (Part 1, Clause No. 8.3 and 9.12)
76	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	ISEER	IS 1391 (Part 2, Clause No. 8.3 and 9.11)
77	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	ISEER	IS 8148 (Clause No. 8.2)



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78	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Leakage Current Test	IS 1391 (Part 1, Clause No. 12.2.4)
79	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Leakage Current Test	IS 1391 (Part 2, Clause No. 12.2.4)
80	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Leakage Current Test	IS 8148 (Clause No. 12.2.5)
81	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Low Temperature Operation Test	AHRI 210/240 (Clause No. 8.4)
82	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Low Temperature Operation Test	AHRI 211/241-01/0B (Clause No. 8.4)
83	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Low Temperature Operation Test	AHRI 340/360 (Clause No. 8.3)
84	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Low Temperature Operation Test	AHRI 390 (Clause No. 8.4)



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85	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Cooling Conditions	IS 8148 (Clause No. 8.3)
86	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Cooling Performance Test	AS/NZS 3823.1.2 (Clause No. 6.2)
87	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Cooling Performance Test	AS/NZS ISO 5151 (Clause No. 5.2)
88	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Cooling Performance Test	ISO 13253 (Clause No. 6.2)
89	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Cooling Performance Test	ISO 15042 (Clause No. 6.2)
90	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Cooling Performance Test	SASO-ISO-13253 (Clause No. 6.2)
91	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Cooling Performance Test	SASO-ISO-5151 (Clause No. 5.2)



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92	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Cooling Performance Test	UAE.S ISO 5151 (Clause No. 5.2)
93	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Cooling Performance Test	UAE.S/ISO 15042 (Clause No. 6.2)
94	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Cooling Test	UAE.S/GSO ISO 13253 (Clause No. 4.2)
95	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Performance Test	AS/NZS 3823.1.2 (Clause No. 7.2)
96	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Performance Test	AS/NZS ISO 5151 (Clause No. 6.2)
97	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Performance Test	IS 1391 (Part 1, Clause No. 8.2.2 and 9.13)
98	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Performance Test	IS 1391 (Part 2, Clause No. 8.2.2 and 9.12)



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99	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Performance Test	IS 8148 (Clause No. 9.2)
100	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Performance Test	ISO 13253 (Clause No. 7.2)
101	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Performance Test	ISO 15042 (Clause No. 7.2)
102	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Performance Test	ISO 5151 (Clause No. 6.2)
103	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Performance Test	SASO-ISO-13253 (Clause No. 7.2)
104	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Performance Test	SASO-ISO-5151 (Clause No. 6.2)
105	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Performance Test	UAE.S ISO 5151 (Clause No. 6.2)



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106	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Performance Test	UAE.S/ISO 15042 (Clause No. 7.2)
107	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Heating Test	UAE.S/GSO ISO 13253 (Clause No. 5.2)
108	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum High Temperature Operation Test	AHRI 390 (Clause No. 8.2)
109	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Operating Conditions Test	AHRI 210/240 (Clause No. 8.2)
110	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Operating Conditions Test	AHRI 211/241-01/0B (Clause No. 8.2)
111	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Operating Conditions Test	AHRI 340/360 (Clause No. 8.2)
112	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Operating Conditions Test	IS 1391 (Part 1, Clause No. 8.1.2 and 9.4)



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113	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Operating Conditions Test	IS 1391 (Part 2, Clause No. 8.1.2, 9.4)
114	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Cooling Performance Test	AS/NZS 3823.1.2 (Clause No. 6.3)
115	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Cooling Performance Test	AS/NZS ISO 5151 (Clause No. 5.3)
116	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Cooling Performance Test	ISO 13253 (Clause No. 6.3)
117	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Cooling Performance Test	ISO 15042 (Clause No. 6.3)
118	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Cooling Performance Test	SASO-ISO-13253 (Clause No. 6.3)
119	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Cooling Performance Test	UAE.S/GSO ISO 13253 (Clause No. 4.3)



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120	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Cooling Performance Test	UAE.S/ISO 15042 (Clause No. 6.3)
121	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Cooling, Freeze-Up Air Blockage and Freeze-Up Drip Performance Test	ISO 5151 (Clause No. 5.3)
122	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Cooling, Freeze-Up Air Blockage and Freeze-Up Drip Performance Test	SASO-ISO-5151 (Clause No. 5.3)
123	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Cooling, Freeze-Up Air Blockage and Freeze-Up Drip Performance Test	UAE.S ISO 5151 (Clause No. 5.3)
124	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Energy Performance Standard	SASO 2874 (Clause No. 5)
125	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Heating Performance	AS/NZS 3823.1.2 (Clause No. 7.3)
126	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Heating Performance	ISO 13253 (Clause No. 7.3)



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127	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Heating Performance	ISO 15042 (Clause No. 7.3)
128	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Heating Performance	ISO 5151 (Clause No. 6.3)
129	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Heating Performance	SASO-ISO-13253 (Clause No. 7.3)
130	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Heating Performance	SASO-ISO-5151 (Clause No. 6.3)
131	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Heating Performance	UAE.S ISO 5151 (Clause No. 6.3)
132	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Heating Performance	UAE.S/GSO ISO 13253 (Clause No. 5.3)
133	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Heating Performance	UAE.S/ISO 15042 (Clause No. 7.3)



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134	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum Heating Performance Test	AS/NZS ISO 5151 (Clause No. 6.3)
135	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Operating Requirements for VRF Air-Source Systems	AHRI 1230 (Clause No. 8.1.2)
136	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Part Load Conditions for Space Cooling	DS/EN 14825 (Clause No. 4.2 and 5)
137	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Part Load Conditions for Space Heating	DS/EN 14825 (Clause No. 4.2 and 5)
138	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Power Consumption	IS 8148 (Clause No. 8.8)
139	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Power Consumption (Cooling)	IS 1391 (Part 1, Clause No. 6.3.1 and 9.8)
140	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Power Consumption (Cooling)	IS 1391 (Part 2, Clause No. 6.3.2 and 9.9)



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141	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Power Consumption (Heating by Heat Pump)	IS 1391 (Part 1, Clause No. 6.3.2 and 9.9)
142	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Power Consumption (Heating by Heat Pump)	IS 1391 (Part 2, Clause No. 6.3.2 and 9.8)
143	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Power Factor Test	IS 1391 (Part 1, Clause No. 9.3 and 8.1.1)
144	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Power Factor Test	IS 1391 (Part 2, Clause No. 9.3 and 8.1.1)
145	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Rating Conditions	DS/EN 14511-2 (Clause No. 4.2)
146	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Rating Requirements	AHRI 1230 (Clause No. 6)
147	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Rating Requirements	AHRI 210/240 (Clause No. 6)



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148	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Rating Requirements	AHRI 211/241-01/0B (Clause No. 6)
149	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Rating Requirements	AHRI 340/360 (Clause No. 6)
150	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Rating Requirements	AHRI 390 (Clause No. 6)
151	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Test Requirements	AHRI 1230 (Clause No. 5)
152	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Test Requirements	AHRI 210/240 (Clause No. 5)
153	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Test Requirements	AHRI 211/241-01/0B (Clause No. 5)
154	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Test Requirements	AHRI 340/360 (Clause No. 5)



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155	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Test Requirements	AHRI 390 (Clause No. 5)
156	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Voltage Tolerance Test	AHRI 1230 (Clause No. 8.1.1)
157	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Voltage Tolerance Test	AHRI 210/240 (Clause No. 8.3)
158	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Cooling Coils	Rating Requirements	AHRI 410 (Clause No. 6)
159	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Cooling Coils	Test Requirements	AHRI 410 (Clause No. 5)
160	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Heating Coils	Rating Requirements	AHRI 410 (Clause No. 6)
161	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Heating Coils	Test Requirements	AHRI 410 (Clause No. 5)



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162	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Bulk Milk Coolers	Performance	IS 3661 (Clause No. 9,1 and 11)
163	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Bulk Milk Coolers	Performance	ISO 5708 (Clause No. 11, 21, excluding Clause No. 21.1.2)
164	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Application Rating	IS 16590 (Clause No. 6.4)
165	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Cooling Capacity And Power Consumption Test	IS 16590, (Clause No. 14)
166	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Cooling Capacity At Elevated Temperature (For Air Cooled Condenser Only)	IS 16590, (Clause No. 16)
167	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Electric Strength (HV)	IS 16590 (Clause No. 18.1)
168	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Leakage Current Test	IS 16590 (Clause No. 18.1)



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169	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Minimum Energy Performance Standard	SASO 2874 (Clause No. 5)
170	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Part Load Conditions for Process Cooling	DS/EN 14825 [Clause No. 9 (Water only) and 10]
171	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Part Load Conditions for Space Cooling	DS/EN 14825 (Clause No. 4.3, 4.4, 4.5, 5 and 10)
172	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Part Load Conditions for Space Heating	DS/EN 14825 (Clause No. 6.2, 6.4, 6.5, 8 and 10)
173	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Part Load Performance Rating	IS 16590 (Clause No. 6.5)
174	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Rating at Elevated Temperature	IS 16590 (Clause No. 6.6)
175	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Rating Conditions	DS/EN 14511-2 (Clause No. 4.2)



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176	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Rating Requirements	AHRI 550/590 (Clause No. 4)
177	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Rating Requirements	AHRI 551/591 (Clause No. 4)
178	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Rating Requirements	IS 16590 (Clause No. 6.1 and 6.3)
179	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Test Requirements	AHRI 550/590 (Clause No. 5)
180	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Chiller (Air Cooled & Water Cooled)	Test Requirements	AHRI 551/591 (Clause No. 5)
181	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Condensing Units (Air Cooled Only)	Maximum Operating Conditions Test	AHRI 365 (Clause No. 8.2)
182	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Condensing Units (Air Cooled Only)	Part Load Standard Ratings	AHRI 365 (Clause No. 6.2)



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PLOT NO. A19/2, SIPCOT INDUSTRIAL GROWTH CENTER, ORAGADAM VILLAGE, SRIPERAMBUDUR
TALUK, KANCHIPURAM, TAMIL NADU, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7343

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Validity

14/07/2025 to 13/07/2029

Last Amended on

15/08/2025

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
183	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Condensing Units (Air Cooled Only)	Performance	DS/EN 13771-2 (Clause No. 5.4, 6.3, 6.4 and 6.7)
184	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Condensing Units (Air Cooled Only)	Performance Rating	AHRI 1250 (IP) [Clause No. 4 and 7.9.2]
185	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Condensing Units (Air Cooled Only)	Performance Rating	AHRI 1251 (SI) (Clause No. 4 and 7.9.2)
186	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Condensing Units (Air Cooled Only)	Rating Conditions	DS/EN 13215 [Clause No. 5, 6, 7 and 8 (except 8.4)]
187	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Condensing Units (Air Cooled Only)	Rating Conditions	IS 11327 (Clause No. 6)
188	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Condensing Units (Air Cooled Only)	Rating Requirements	AHRI 520 (Clause No. 4 and 5)
189	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Condensing Units (Air Cooled Only)	Standard Ratings	AHRI 365 (Clause No. 6.1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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190	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Fan Coils	Capacity Rating	BS EN 1397 (Clause No. 7)
191	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Fan Coils	Capacity Rating (Heating)	BS EN 1397 (Clause No. 7)
192	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Fan Coils	Condensate Disposal Test	BS EN 1397 (Clause No. 8.4)
193	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Fan Coils	Insulation Efficiency Test (Cooling)	AHRI 440 (Clause No. 7.2)
194	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Fan Coils	Insulation Efficiency Test (Cooling)	AHRI 441 (Clause No. 7.2)
195	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Fan Coils	Low Voltage Test	AHRI 440 (Clause No. 7.3)
196	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Fan Coils	Low Voltage Test	AHRI 441 (Clause No. 7.3)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
197	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Fan Coils	Rating Requirements	AHRI 440 (Clause No. 5)
198	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Fan Coils	Rating Requirements	AHRI 441 (Clause No. 5)
199	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Fan Coils	Sweat Test	BS EN 1397 (Clause No. 8.3)
200	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Fan Coils	Test Requirements	AHRI 440 (Clause No. 4)
201	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Fan Coils	Test Requirements	AHRI 441 (Clause No. 4)
202	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Heat Pump	Rating Requirements	AHRI 550/590 (Clause No. 5)
203	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Heat Pump	Rating Requirements	AHRI 551/591 (Clause No. 5)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
204	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Heat Pump	Test Requirements	AHRI 550/590 (Clause No. 4)
205	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Heat Pump	Test Requirements	AHRI 551/591 (Clause No. 4)
206	MECHANICAL-HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Heat Pump (Air - Water)	Rating Conditions	DS/EN 14511-2 (Clause No. 4.2)