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Technical Specification of Refrigerated Air Dryer of capacity: 40-45 CFM.

Sl. No.	Item Description	Rating & Details	Spares with each unit
01.	Capacity	40-45 CFM	
02.	Operating Pressure	7 KG/Cm ²	
03.	Max. Operating Pressure	13 KG/Cm ²	
04.	Pressure Drop	0.2 KG/Cm ² from inlet to outlet of Dryer	
05.	Pressure Dew Point	3 ⁰ Centigrade	
06.	Max. Ambient Temperature	50 ⁰ Centigrade	
07.	Max. Inlet Temperature	45 ⁰ Centigrade	
08.	Refrigerant	R22/R134a/R407c/R404a	
09.	Condenser	Air Cooled, Copper tube with aluminium fins & fan assembly.	01 No. extra Fan with motor should be provided with each unit of air dryer as spare.
10.	Display and Temperature Control	Suitable Digital Temperature Controller with sensors & display.	01 No. extra set of Digital Temperature Controller with sensor should be provided with each unit of air dryer as spare.
11.	Compressor	Hermetically sealed reciprocating compressor.	
12.	Condensate Drain	Solenoid operated automatic condensate drain valve with timer for draining of condensate.	01 No. extra set of condensate drain valve with timer with each unit of air dryer as spare.
13.	Air Filters	Suitable Pre Filter - dust removal of 3 micron, Suitable Final filter with automatic drain valve—dust removal of 0.01 micron, oil removal of 0.01 mg/M ³	
14.	Electrical Rating	1 Phase, 50 Hz, 230 Volt.	
15.	Max. Noise Level	< 70 Dba	



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ANNEXURE- B

Technical Specification of Refrigerated Air Dryer of capacity: 80-85 CFM.

Sl. No.	Item Description	Rating & Details	Spares with each unit
01.	Capacity	80-85 CFM	
02.	Minimum Operating Pressure	7 KG/Cm ²	
03.	Max. Operating Pressure	13 KG/Cm ²	
04.	Pressure Drop	0.2 KG/Cm ² from inlet to outlet of Dryer	
05.	Pressure Dew Point	3 ⁰ Centigrade	
06.	Max. Ambient Temperature	50 ⁰ Centigrade	
07.	Max. Inlet Temperature	45 ⁰ Centigrade	
08.	Refrigerant	R22/R134a/R407c/R404a	
09.	Condenser	Air Cooled, Copper tube with aluminium fins & fan assembly.	01 No. extra Fan with motor should be provided with each unit of air dryer as spare.
10.	Display and Temperature Control	Suitable Digital Temperature Controller with sensors & display.	01 No. extra set of Digital Temperature Controller with sensor should be provided with each unit of air dryer as spare.
11.	Compressor	Hermetically sealed reciprocating compressor.	
12.	Condensate Drain	Solenoid operated automatic condensate drain valve with timer for draining of condensate.	01 No. extra set of condensate drain valve with timer with each unit of air dryer as spare.
13.	Air Filters	Suitable Pre Filter - dust removal of 3 micron, Suitable Final filter with automatic drain valve - dust removal of 0.01 micron, oil removal of 0.01 mg/M ³	
14.	Electrical Rating	1 Phase, 50 Hz, 230 Volt.	
15.	Max. Noise Level	< 70 Dba	


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ANNEXURE- C

Technical Specification of Refrigerated Air Dryer of capacity: 100-105 CFM.


Sl. No.	Item Description	Rating & Details	Spares with each unit
01.	Capacity	100-105 CFM	
02.	Operating Pressure	7 KG/Cm ²	
03.	Max. Operating Pressure	13 KG/Cm ²	
04.	Pressure Drop	0.2 KG/Cm ² from inlet to outlet of Dryer	
05.	Pressure Dew Point	3 ⁰ Centigrade	
06.	Max. Ambient Temperature	50 ⁰ Centigrade	
07.	Max. Inlet Temperature	45 ⁰ Centigrade	
08.	Refrigerant	R22/R134a/R407c/R404a	
09.	Condenser	Air Cooled, Copper tube with aluminium fins & fan assembly.	01 No. extra Fan with motor should be provided with each unit of air dryer as spare.
10.	Display and Temperature Control	Suitable Digital Temperature Controller with sensors & display.	01 No. extra set of Digital Temperature Controller with sensor should be provided with each unit of air dryer as spare.
11.	Compressor	Hermetically sealed reciprocating compressor.	
12.	Condensate Drain	Solenoid operated automatic condensate drain valve with timer for draining of condensate.	01 No. extra set of condensate drain valve with timer with each unit of air dryer as spare.
13.	Air Filters	Suitable Pre Filter - dust removal of 3 micron, Suitable Final filter with automatic drain valve- dust removal of 0.01 micron, oil removal of 0.01 mg/M ³	
14.	Electrical Rating	1 or 3 Phase, 230/415 Volt, 50 Hz.	
15.	Max. Noise Level	< 70 DbA	



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Technical Specification of Refrigerated Air Dryer of capacity: 125-130 CFM.

Sl. No.	Item Description	Rating & Details	Spares with each unit
01.	Capacity	125-130 CFM	
02.	Operating Pressure	7 KG/Cm ²	
03	Max. Operating Pressure	13 KG/Cm ²	
04.	Pressure Drop	0.2 KG/Cm ² from inlet to outlet of Dryer	
05.	Pressure Dew Point	3 ⁰ Centigrade	
06.	Max. Ambient Temperature	50 ⁰ Centigrade	
07.	Max. Inlet Temperature	45 ⁰ Centigrade	
08.	Refrigerant	R22/R134a/R407c/R404a	
09.	Condenser	Air Cooled, Copper tube with aluminium fins & fan assembly.	01 No. extra Fan with motor should be provided with each unit of air dryer as spare.
10.	Display and Temperature Control	Suitable Digital Temperature Controller with sensors & display.	01 No. extra set of Digital Temperature Controller with sensor should be provided with each unit of air dryer as spare.
11.	Compressor	Hermetically sealed reciprocating compressor.	
12.	Condensate Drain	Solenoid operated automatic condensate drain valve with timer for draining of condensate.	01 No. extra set of condensate drain valve with timer with each unit of air dryer as spare.
13.	Air Filters	Suitable Pre Filter - dust removal of 3 micron, Suitable Final filter with automatic drain valve- dust removal of 0.01 micron, oil removal of 0.01 mg/M ³	
14.	Electrical Rating	1 or 3 Phase, 230/415 Volt, 50 Hz.	
15.	Max. Noise Level	< 70 DbA	


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