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TDS 20 R



TDS 30 R



xTDS 50 R



xTDS 75 R



xTDS 120 R



TDS 19 E

TECHNICAL DATA

General information

Article number	1.410.000.002	1.410.000.003	1.410.000.008	1.410.000.009	1.410.000.011	1.410.000.080
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Heating capacity

Stage 1 [kW]	0	0	0	0	0	0
Stage 2 [kW]	1.5	2.5	4.5	5	15	1.5
Stage 3 [kW]	3	5	9	10	30	3
Stage 4 [kW]				15		
Stage Max. [kcal]	2580	4300	7740	12900	25795	-

Amount of air

Stage Max. [m³/h]	411	580	844	1100	1900	320
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Temperature increase

°C	79	85	85	124	136	32.6
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Fans

Axial						
Radial						
Number of fan stages	1	1	1	1	1	1

Electrical values

Mains connection	230 V/50 Hz	400 V/50 Hz	400 V/50 Hz	400 V/50 Hz	400 V/50 Hz	230 V/50 Hz
Nominal current consumption [A]	13.04	7.22	13	21.7	43.3	13
Recommended fusing [A]	16	10	16	32	63	16
Power input [kW]	3	5	9	15	30	3

Electric connection

Connection plug	CEE 7/7	CEE 16 A, 5-pin	CEE 16 A, 5-pin	CEE 32 A, 5-pin	CEE 63 A, 5-pin	CEE 7/7
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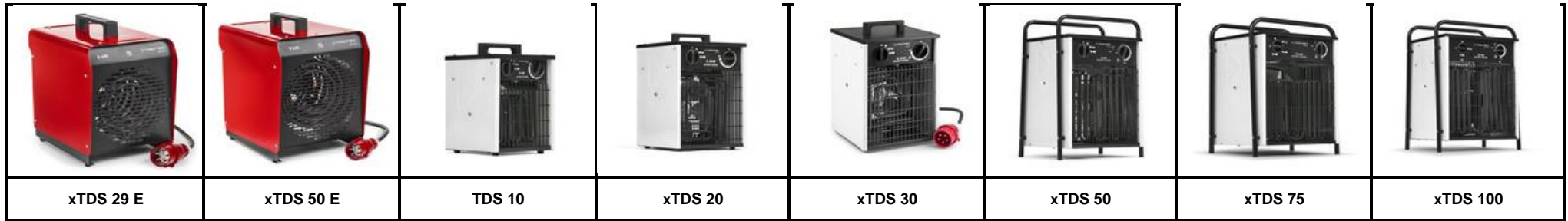
Provided by the customer

Cable length [m]	1.37	1.2	1.2			1.2
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Sound values

Distance 1 m [dB(A)]	53	56	56	57	61	49
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Safety feature						
Overheating protection						
IP type of protection				IP x4		IPX4
Dimensions						
Length (packaging excluded) [mm]	210	275	315	395	860	290
Width (packaging excluded) [mm]	195	220	250	380	565	210
Height (packaging excluded) [mm]	270	330	370	445	645	320
Weight						
(packaging excluded) [kg]	3.2	4.8	6.5	19	32.5	4
EQUIPMENT, FEATURES AND FUNCTIONS						
Operation						
Thermostat	-	-	-	-	-	-
Mobility						
Carry/transport handle(s)						
Non-marking full-rubber wheels						
Plastic wheels						
Rubber-tyred metal wheels						



xTDS 29 E	xTDS 50 E	TDS 10	xTDS 20	xTDS 30	xTDS 50	xTDS 75	xTDS 100
1.410.000.083	1.410.000.087	1.410.000.012	1.410.000.015	1.410.000.017	1.410.000.020	1.410.000.025	1.410.000.030
0	0	0.65	0	0	0	0	0
2.5	4.5	1.3	1.65	2.5	4.5	5	11
5	9	2	3.3	5.5	9	10	22
-	-	1720	2840	4730	7740	15	18920
430	845	186	335	458	708	1293	1632
85	150	95	85	87	91	90.5	112
1	1	1	1	1	1	1	1
400 V/50 Hz	400 V/50 Hz	230 V/50 Hz	230 V/50 Hz	400 V/50 Hz	400 V/50 Hz	400 V/50 Hz	400 V/50 Hz
7.2	13	8.7	14.35	8	13	21.7	32
16	16	16	16	10	16	32	35
5	9	2	3.3	5.5	9	15	22
CEE 16 A, 5-pin	CEE 16 A, 5-pin	CEE 7/7	CEE 7/7	CEE 16 A, 5-pin	CEE 16 A, 5-pin	CEE 32 A, 5-pin	CEE 63 A, 5-pin
1.2	1.3	1.35	1.35	135			
53	55	46	46	51	52	60	73

IPX4	IPX4	IPX 4	IPX 4	IPX 4	IPX 4	IPX 4	IPX 4
350	390	198	255	270	283	332	430
240	300	210	265	255	355	405	440
360	430	320	395	400	515	540	610
6	10	3.7	5.3	6	9.5	14.9	20.2



-	-	-	-	-	-	-	-



xTDS 120

TDE 25

xTDE 65

xTDE 95

TEH 20 T

xTEH 30 T

xTEH 70

xTEH 100

1.410.000.032

1.410.000.100

1.410.000.115

1.410.000.120

1.410.000.203

1.410.000.205

1.410.000.215

1.410.000.220

0

3

0

0

2.5

3.3

0

0

15

6

9

6

9

30

9

13.5

9

13.5

12

18

12

18

25795

7740

11610

2.5

12

18

1980

250

600

1520

300

300

1258

1785

130

36

60

35

40

54

35

38

1

1

1

1

1

1

1

1

400 V/50 Hz

230 V/50 Hz

400 V/50 Hz

400 V/50 Hz

230 V/50 Hz

230 V/50 Hz

400 V/50 Hz

400 V/50 Hz

44

13.4

18

27.2

10.9

14.4

18

27.2

50

16

32

32

16

16

32

32

30

3

12

18

2.5

3.3

12

18

CEE 63 A, 5-pin

CEE 7/7

CEE 32 A, 5-pin

CEE 32 A, 5-pin

CEE 7/7

CEE 7/7

CEE 32 A, 5-pin

CEE 32 A, 5-pin

2.65

0.2

0.3

2.6

2.6

73

55

63

67

63

63

66

69

IPX 4							
485	315	605	480	280	400	400	400
450	260	365	405	260	260	400	400
665	355	465	585	300	300	480	480
26	11	25	30	10.6	10.6	29.5	29.5
-	-	-	-	-	-	-	-



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TEH 200



xTEH 300



xTEH 400

General information			
	1.410.000.150	1.410.000.155	1.410.000.160
Amount of air			
Stage Max. [m³/h]	3000	6000	9000
Heating capacity			
Stage Max. [kcal]	34394	68788	103181
Stage Max. [kW]	40	80	120
Air pressure			
Stage Max. [Pa]	600	600	600
Outlet temperature			
Max. air outlet temperature [°C]	65	65	65
Temperature increase			
°C	60	60	60
Fan			
Radial			
stages	2	2	2
Power [kW]	1.7	3	5.4
Control			
Air volume Stage 3 [m³/h]	3000	6000	9000
Air volume Stage 6 [m³/h]	2000	4000	6000
Air volume Stage 4 [m³/h]	2000	4000	6000
Air volume Stage 5 [m³/h]	2000	4000	6000
Air volume Stage 2 [m³/h]	3000	6000	9000
Air volume Stage 0 [m³/h]	3000	6000	9000
Air volume Stage 7 [m³/h]	2000	4000	6000
Air volume Stage 1 [m³/h]	3000	6000	9000
Temperature increase Stage 5 [°C]	20	20	20
Temperature increase Stage 6 [°C]	40	40	40

Temperature increase Stage 7 [°C]	60	60	60
Temperature increase Stage 3 [°C]	40	40	40
Temperature increase Stage 0 [°C]			
Temperature increase Stage 1 [°C]	15	15	15
Temperature increase Stage 2 [°C]	25	25	25
Temperature increase Stage 4 [°C]			
8-step switch for air volume and temperature			
Electrical values			
Mains connection	400 V/50 - 60 Hz	400 V/50 - 60 Hz	400 V/50 - 60 Hz
Nominal current consumption [A]	61	123	182
Power input [kW]	41.5	84	125.4
Recommended fusing [A]	63	125	200
Electric connection			
Connection plug	CEE 63 A, 5-pin	CEE 125 A, 5-pin	
Termination			
Minimum cable cross-section [mm ²]	16	50	95
Safety feature			
Overheating protection	Available	Available	Available
Sound values			
Distance 3 m [dB(A)]	75	76	78
Hose connector			
Diameter [mm]	450	450	600
Max. hose length [m]	100	100	100
Dimensions			
Length (packaging excluded) [mm]	1625	1625	2000
Width (packaging excluded) [mm]	800	800	1300
Height (packaging excluded) [mm]	1270	1270	1450
Weight			
(packaging excluded) [kg]	230	245	540
Mobility			
Crane			
Forklift			
Wheeled			