



**LIST OF REFERENCES  
HIGH PRESSURE HEATERS**

Note: Figures mentioned below are meant for one turboset.

Legend: F - fossil fuel fired U - U-tubes type u - vertical - water chamber upwards K - straight condensing type  
 \* N - nuclear S - straight tubes d - vertical - water chamber downwards C - with integral drain cooler  
 O - other (biomass, waste etc.) M - header type H - horizontal D - with integral desuperheater  
 C - combined cycle DC - with integral desuperheater and cooler  
 R - redesigned unit  
 SD - separated desuperheater

Year of production	Project name	Country of destination	No. of units and output [MW]	Power plant *	No. of stages and lines per unit	Surface of each heater [m <sup>2</sup> ]	Design pressure water / steam [MPa (g)]	Type *	Material of tubes *
2004	Třebovice TG16	Czech Rep.	1 x 72	F	2   1	215 215	4.1 / 0.6 4.1 / 2.35	U-u-K U-u-K	Low Alloy Steel Low Alloy Steel
2004	Shen Tou 3,4	China	2 x 500	F	3   1	1 420 1 535 240	29.0 / 2.35 29.0 / 4.75 29.0 / 2.35	U-d-C U-d-DC U-d-SD	Low Alloy Steel Low Alloy Steel Low Alloy Steel
2005	Poříčí	Czech Rep.	1 x 40	F	2   1	238 212	20.0 / 2.3 20.0 / 3.0	U-u-C U-u-DC	Low Alloy Steel Low Alloy Steel
2006	Amager	Denmark	1 x 80	F	3   1	440 445 100	27.0 / 5.4 27.0 / 8.7 27.0 / 5.4	U-d-C U-d-DC U-d-SD	Low Alloy Steel Low Alloy Steel Low Alloy Steel
2006	Tornio	Finland	1 x 40	C	2   1	116 166	24.0 / 1.89 24.0 / 2.99	U-d-C U-d-DC	Low Alloy Steel Low Alloy Steel
2006	Tušimice	Czech Rep.	4 x 200	F	3   1	540 570 260	31.9 / 1.99 31.9 / 4.39 32.9 / 2.0	U-d-C U-d-DC U-d-SD	Low Alloy Steel Low Alloy Steel Low Alloy Steel
2007	Fynsværket	Denmark	1 x 38	O	2   1	141 141	23.3 / 2.6 23.3 / 4.5	U-u-DC U-d-DC	Low Alloy Steel Low Alloy Steel
2008	Ledvice	Czech Rep.	1 x 660	F	4   1	1610 1690 1685 286	39.0 / 3.2 39.0 / 6.1 39.0 / 8.9 39.0 / 3.2	U-d-C U-d-DC U-d-DC U-d-SD	Low Alloy Steel Low Alloy Steel Low Alloy Steel Low Alloy Steel



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2009	Prunéřov	Czech Rep.	3 x 250	F	3	1	610 655 260	36.1 / 2.1 36.1 / 4.6 36.1 / 2.2	U-d-C U-d-DC U-d-SD	Low Alloy Steel Low Alloy Steel Low Alloy Steel
2009	Dukovany	Czech Rep.	8 x 250	N	2	1	1383 1383	9.2 / 1.96 9.2 / 3.43	U-d-C U-d-C	Stainless Steel Stainless Steel
2010	Slovnaft SN Edison	Slovakia	1 x 60	F	2	1	190 235	20.0 / 1.45 20.0 / 4.95	U-u-C U-u-C	Low Alloy Steel Low Alloy Steel
2011	Cankiri Orta (suspended)	Turkey	3 x 133	F	3	1	290 360 110	25.0 / 2.1 25.0 / 4.4 25.0 / 2.1	U-u-C U-u-DC U-H-SD	Low Alloy Steel Low Alloy Steel Low Alloy Steel
2012	Lund	Sweden	1 x 40	O	2	1	110 168	25.0 / 1.2 25.0 / 2.6	U-d-C U-d-C	Low Alloy Steel Low Alloy Steel
2013	Bolu Goynuak	Turkey	2 x 135	F	3	1	290 360 110	27.6 / 1.9 27.6 / 3.5 27.6 / 1.9	U-H-C U-H-DC U-H-SD	Low Alloy Steel Low Alloy Steel Low Alloy Steel
2013	Vartan	Sweden	1 x 154	O	2	1	375 315	26.0 / 2.5 26.0 / 6.25	U-d-C U-d-C	Low Alloy Steel Low Alloy Steel
2013	Växjö	Sweden	1 x 39	O	2	1	160 150	25.0 / 2.3 25.0 / 3.5	U-d-C U-d-DC	Low Alloy Steel Low Alloy Steel
2014	Gardanne	France	1 x 160	O	3	1	485 492 210	29.0 / 3.3 29.0 / 4.7 29.0 / 3.3	U-d-C U-d-C U-d-SD	Low Alloy Steel Low Alloy Steel Low Alloy Steel



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2014	EC Nowa	Poland	1 x 55	F	2	1	260	19.9 / 2.0	U-d-C	Low Alloy Steel
							310	19.9 / 3.6	U-d-C	Low Alloy Steel
2014	ZW Tychy	Poland	1 x 65	F	2	1	225	19.6 / 2.0	U-d-C	Low Alloy Steel
							160	19.9 / 2.5	U-d-C	Low Alloy Steel
2015	Lisbjerg	Denmark	1 x 39	O	2	1	236	20.0 / 2.00	U-d-DC	Low Alloy Steel
							157	20.0 / 3.35	U-d-DC	Low Alloy Steel

**ANOTHER 527 HIGH PRESSURE HEATERS WERE DESIGNED IN DOOSAN ŠKODA POWER BETWEEN YEAR 1954 AND 1999.**