



# HCAT

## BELT-PULLEY DRIVE MECHANISM DOUBLE SUCTION CABINET FANS (FORWARD CURVED)

**HCAT** double suction centrifugal cell fans are produced in different sizes between 1.000m<sup>3</sup> / h and 20.000 m<sup>3</sup> / h flow rates. The cell panels are rock wool insulated with a thickness of 20 mm and a density of 70 kg / m<sup>3</sup>. Flicker free. They have the feature of working and provide maximum efficiency with low energy.

### SPEED CONTROL

Frequency inverter can be used.

### MATERIAL

Body; It is made of galvanized sheet. 20 mm thick rock wool insulated. They are manufactured in aluminum cage structure. The radial fan is made of galvanized sheet metal with a forward-curved blade structure.

### USAGE AREAS

Workplaces, offices, factories, hospitals, restaurants, meeting rooms, supermarkets, shopping malls and so on.

Type/Code	Fan Type	Electrical Motor				Max. Air Flow	Max. Pressure
		Voltage	Power		Speed		
		(V)	(HP)	(kW)	(d/d) (rpm)	m <sup>3</sup> / h	Pa
HCAT-07-1,00-T-4K	RCAT-07/07	380	1,00	0,75	1.410	2.250	400
HCAT-07-1,50-T-4K	RCAT-07/07	380	1,50	1,10	1.430	2.800	400
HCAT-09-1,50-T-4K	RCAT-09/09	380	1,50	1,10	1.430	4.000	350
HCAT-09-2,00-T-4K	RCAT-09/09	380	2,00	1,50	1.430	5.000	225
HCAT-10-2,00-T-4K	RCAT-10/10	380	2,00	1,50	1.430	5.500	325
HCAT-10-3,00-T-4K	RCAT-10/10	380	3,00	2,20	1.435	6.500	325
HCAT-12-3,00-T-4K	RCAT-12/12	380	3,00	2,20	1.435	7.500	400
HCAT-12-4,00-T-4K	RCAT-12/12	380	4,00	3,00	1.435	8.500	450
HCAT-15-4,00-T-4K	RCAT-15/15	380	4,00	3,00	1.435	10.000	450
HCAT-15-5,50-T-4K	RCAT-15/15	380	5,50	4,00	1.455	12.000	400
HCAT-18-7,50-T-4K	RCAT-18/18	380	7,50	5,50	1.465	18.000	300
HCAT-18-10,0-T-4K	RCAT-18/18	380	10,0	7,50	1.465	20.000	375

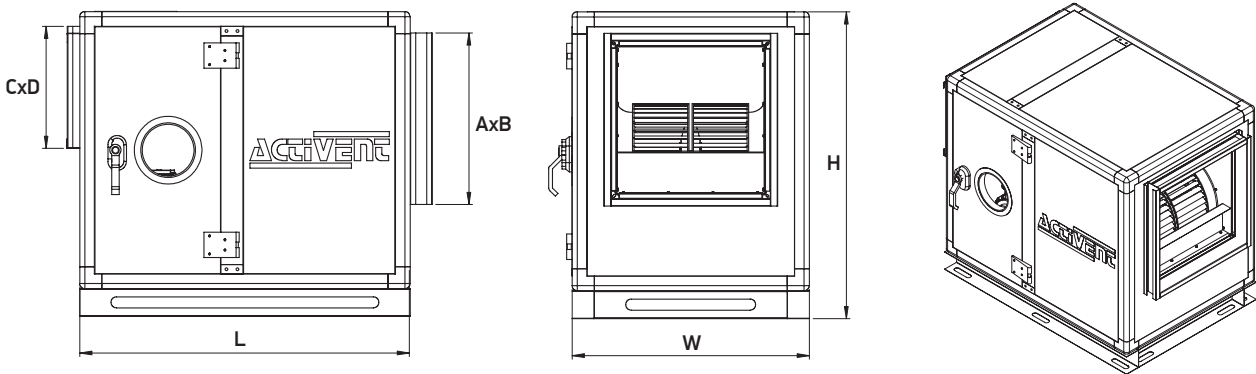
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### VALUE CHART (m<sup>3</sup> / h & Pa)

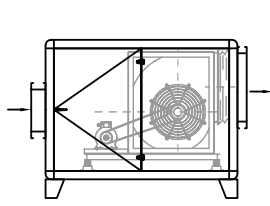
Type/Code	Air Flow (m <sup>3</sup> /h)									
	200 Pa	250 Pa	300 Pa	350 Pa	400 Pa	450 Pa	500 Pa	600 Pa	700 Pa	800 Pa
HCAT-07-1,00-T-4K	2.600	2.500	2.450	2.350	2.250	2.150	2.050	1.850	1.600	1.350
HCAT-07-1,50-T-4K	3.150	3.000	3.000	2.900	2.800	2.750	2.650	2.500	2.300	2.150
HCAT-09-1,50-T-4K	4.500	4.200	4.200	4.050	3.900	3.750	3.550	3.200	2.750	2.300
HCAT-09-2,00-T-4K	5.100	4.950	4.850	4.700	4.550	4.450	4.300	4.000	3.650	3.300
HCAT-10-2,00-T-4K	5.900	5.650	5.550	5.400	5.200	5.000	4.800	4.350	3.850	
HCAT-10-3,00-T-4K	6.800	6.700	6.600	6.450	6.300	6.150	5.950	5.650	5.250	4.850
HCAT-12-3,00-T-4K	8.500	8.300	8.000	7.750	7.500	7.250	6.950	6.250	5.500	
HCAT-12-4,00-T-4K	9.600	8.500	9.200	9.000	8.750	8.500	8.250	7.750	7.200	6.500
HCAT-15-4,00-T-4K	11.750	10.500	11.250	10.900	10.550	10.200	9.800	8.900	7.800	
HCAT-15-5,50-T-4K	13.300	12.000	12.700	12.400	12.100	11.850	11.550	10.850	10.050	
HCAT-18-7,50-T-4K	19.000	16.500	18.000	17.550	17.050	16.550	16.050	15.000	13.800	12.600
HCAT-18-10,0-T-4K		21.000	20.500	20.150	19.750	19.300	18.800	17.950	17.000	

### TECHNICAL DIMENSION

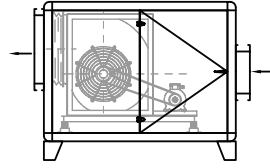


Type/Code	Sizes (mm)						
	L	W	H	A	B	C	D
HCAT-07/07	850	580	580	232	210	480	200
HCAT-09/09	950	700	700	293	262	600	250
HCAT-10/10	1.050	750	750	330	290	650	350
HCAT-12/12	1.100	850	850	400	340	750	400
HCAT-15/15	1.200	900	900	470	405	800	500
HCAT-18/18	1.240	1.000	1.000	560	480	900	550

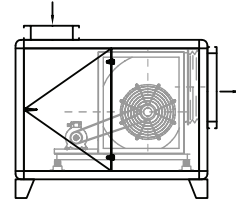
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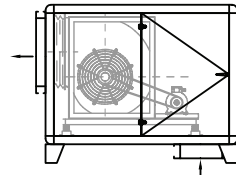
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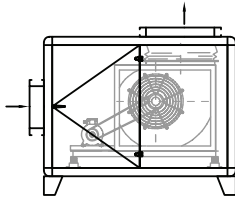
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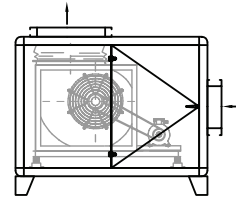
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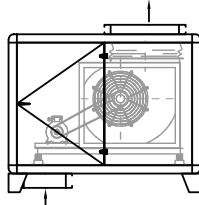
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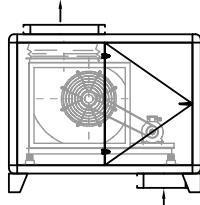
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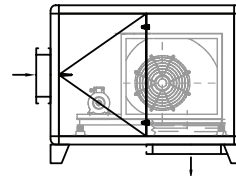
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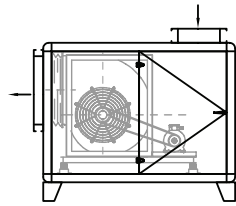
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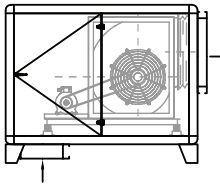
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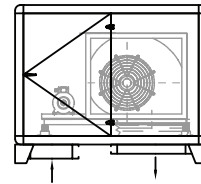
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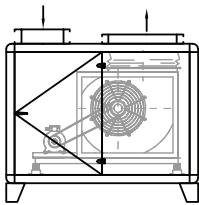
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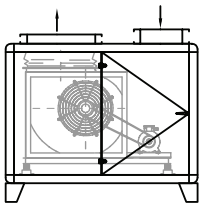
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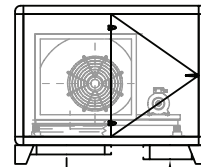
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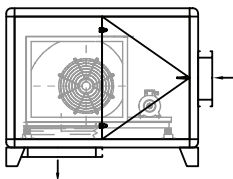
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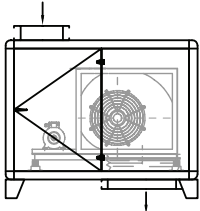
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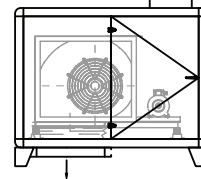
Yön : LAA



Yön : LYA



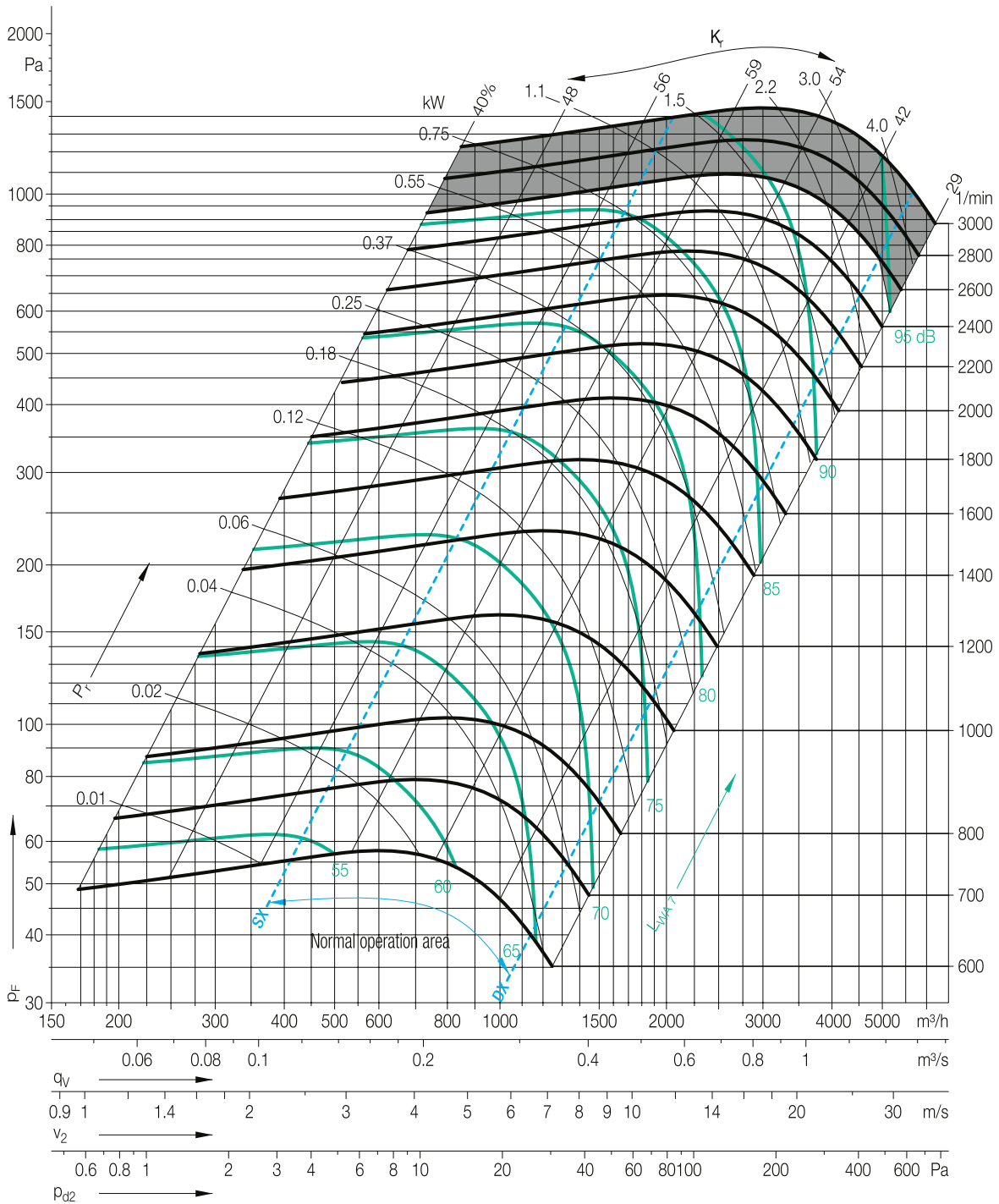
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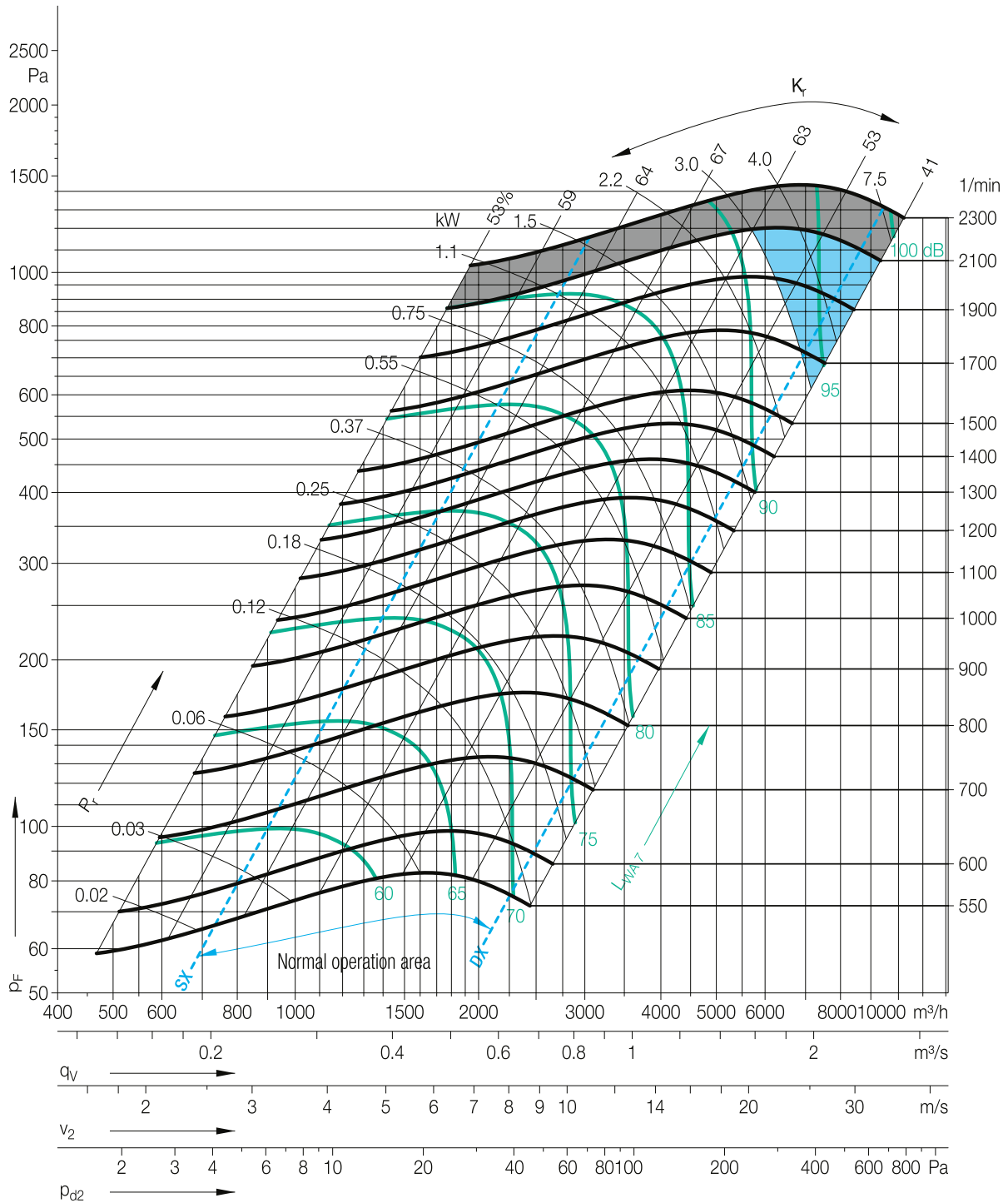
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**HCA7 07 / 07**



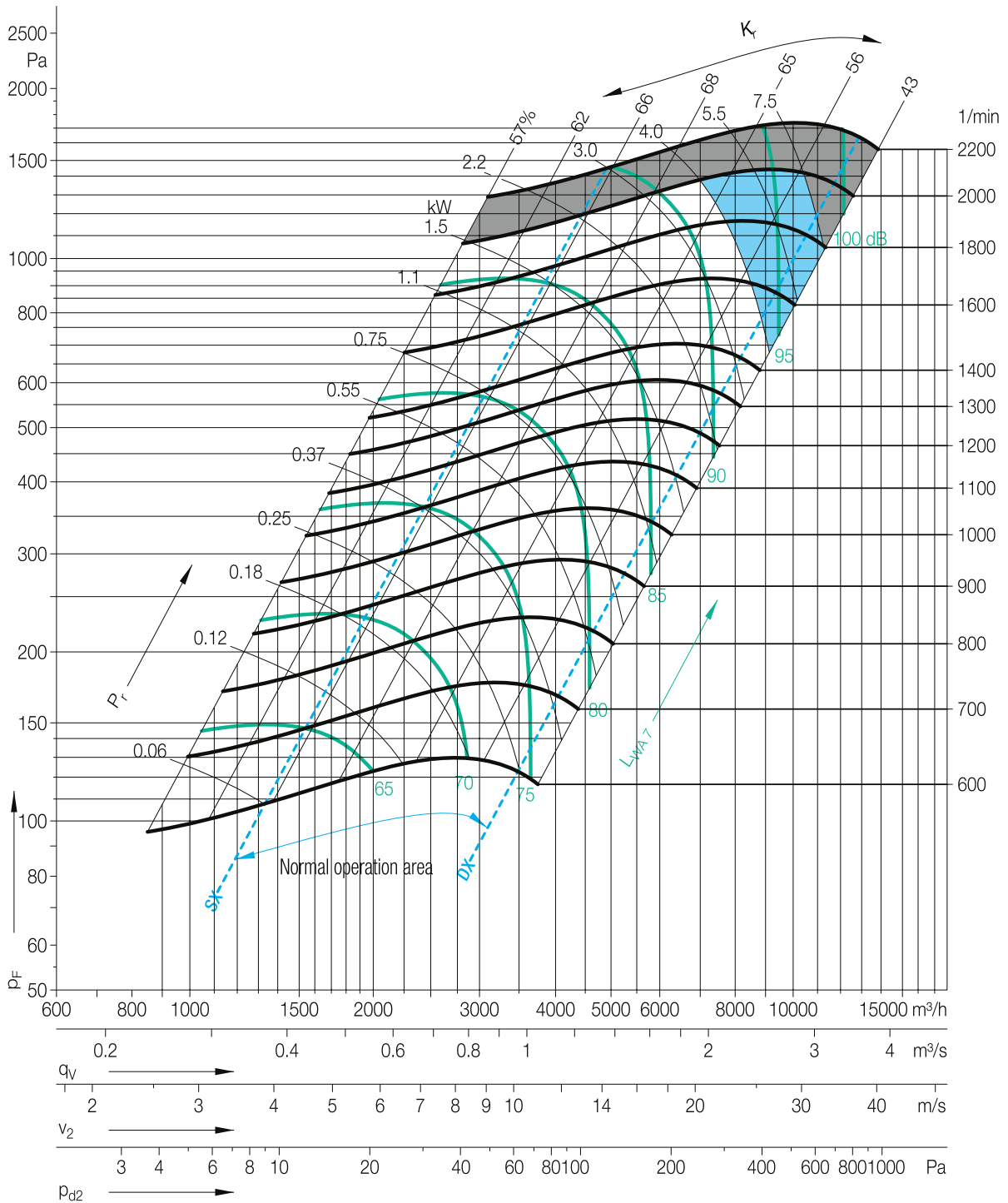
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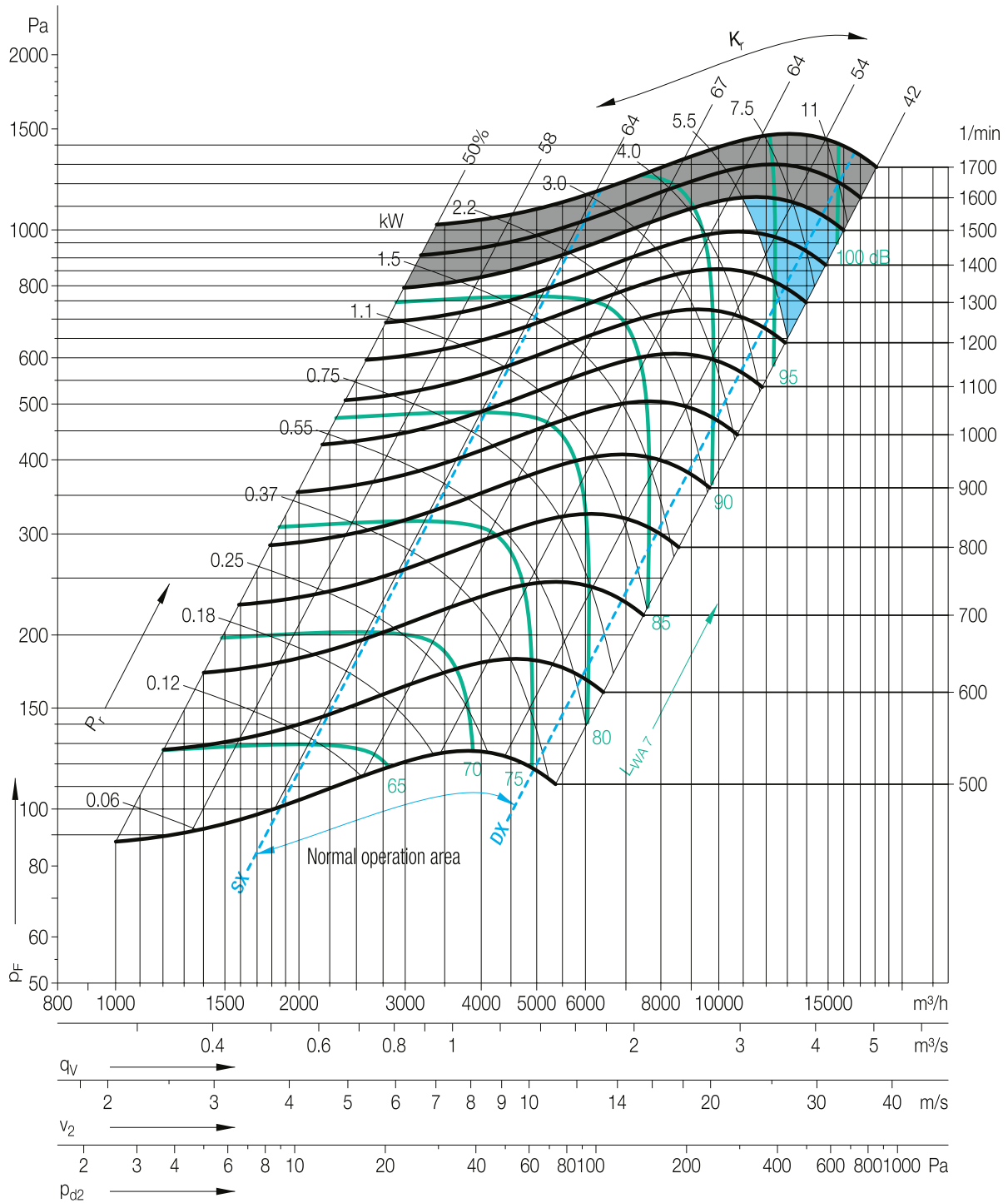
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## HCAT 10 / 10

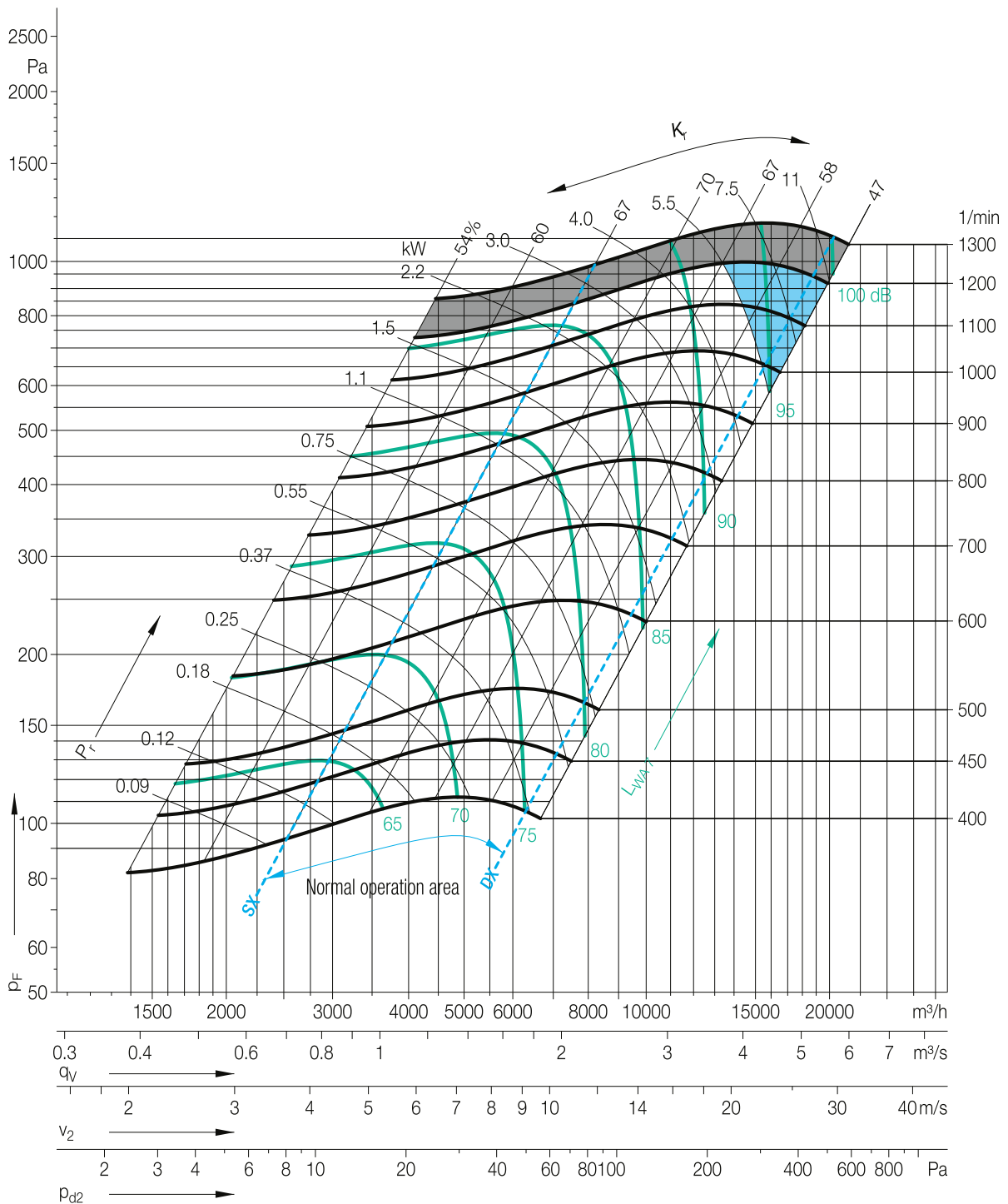


## HCAT 12 / 12





**HCAT 15 / 15**



## HCAT 18 / 18

